## 1AC

### 1AC—Transition Advantage

**CONTENTION 1 IS THE CUBAN TRANSITION:**

**A *confluence of structural factors* makes Cuban collapse *uniquely likely***

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Cuba's Three Crises The VI Party Congress and the reform processes it is ushering in are induced by three unresolved structural crises. 1. Cuba is experiencing a severe economic crisis. 10 **Cuba is suffering its worst economic crisis since** the collapse of the Soviet Union in **1991**, which eliminated one third of all Cuban foreign trade. Although the country is not experiencing 1991-levels of economic deprivation, the decline in Cuba’s GDP and the country’s isolation from the world economy renders this crisis more politically devastating than that of 1991. In the early 1990’s, the Cuban government relied on a reservoir of domestic goodwill generated by two decades of economic growth, nationalist successes (including the victories in the African Wars) and a sustained expansion of social services. Today, the so-called “Special Period” constitutes more than 40 percent of Cuba’s post-revolutionary history. 11 The Cuban population never expected the Special Period to go on so long. While Cuba did survive this period of extreme austerity, younger generations of Cubans and portions of the government’s political base fault the government for not having implemented the types of structural reforms that have been adopted in other Communist-led nations such as the People’s Republic of China (PRC) and Vietnam. 2. The transition from Fidel Castro’s charismatic leadership to the institutionalized rule of the Communist Party is proceeding, but unfinished. The Cuban Communist Party, as it was created after the revolution, is 46 years-old12 but still led by its first generation of leaders. Raul Castro has ruled the country since July 31, 2006, marking almost five years without any significant upheaval under his leadership, proof that Cuba is not experiencing a crisis of governance. But the shift from one Castro to another was merely an intragenerational succession. First Vice-President, and now Second Secretary of the PCC, Jose Ramon Machado Ventura is one year older than Raul and the majority of the other prominent leaders are in their late seventies. The decision to promote Machado to the second in command, first in the government, and now in the Party, can be explained by two factors: 1) the triumph of the alliance of military leaders and provincial party czars as the dominant force in Cuban elite politics (versus government bureaucrats and Fidel’s appointed ideologues), and Raul Castro’s conviction that Fidel’s policy of promotion of young cadres “by helicopter”, not in a step by step Leninist fashion was a mistake. The Cuban political system has **not** yet **passed the most important of tests**, replacing its original generation of leaders with one of different formative experiences and vision, a successful inter-generational succession. This transition also invokes questions about Cuba’s civil-military relations, since almost half of the Politburo members are generals while the Communist Party, not the Armed Forces, is purported to be the country’s leading institution. 3. There is a crisis of confidence among domestic and foreign economic actors over the current leaderships’ commitment to carrying out the reforms needed to place Cuba on a sustainable path. Most of the changes proposed by Raul Castro have been debated within Cuban politics debate for the last twenty years. But the V Congress of the PCC in 1997 was a victory of conservative and bureaucratic forces opposed to the reforms13. As result of the stagnation that followed, significant segments of the Cuban population questioned the government’s willingness to execute the most needed changes. After twenty years of government announcements and delays; confidence in the leadership’s commitment to real reform is shaky. In light of this history, part of the population views the government as oblivious to the costs of excessive gradualism or simply as trying to buy time to remain in power as long as possible, without a clear vision for the future or the will to take risks. These three crises are embedded in a long revolutionary cycle that effects five generations of Cubans14 who grew up under post-revolutionary rule. For a great number of Cubans on the island and in the Diasporas, the decisive experiences of their lives are not connected to Fidel Castro’s triumph in 1959 but instead to the “special period”. These last twenty years of economic hardship and scarcity have diminished the Cuban population’s capacity for major political mobilization. They have also concluded a transition from the Cuban revolution’s more radical phase to a Thermidor15, in which the post-revolutionary elite doesn’t behave as revolutionary anymore. For them, the business of revolution is now business. The convergence of these three crises makes the current situation in Cuba particularly fragile. While the government has innumerable possibilities as to how it will bring change to Cuba, **the** onecompletely **untenable choice would be to maintain the status quo.**

***Most recent evidence* proves *reforms are failing* to stabilize the economy**

Morales 8/31 – Emilio presented this at a conference of the ASCE; translated by Joseph Scarpaci of the Havana Consulting Group. (“Cuban reforms: the ultimate utopia?” last updated 8/31/13, http://thehavanaconsultinggroups.com/index.php?option=com\_content&view=article&id=348%3Acuban-reforms-the-ultimate-utopia&catid=47%3Aeconomy&lang=en)

\*Tables left out\*

When Cuban President Raúl Castro began the reforms to transform the island’s economic model, Cuban economists and foreign experts alike expected a bright future after more than five days decades of mistaken government policies and a centralized economy. Nevertheless, **three years after the reforms began, the results have disappointed**.

The reforms that began under Raúl Castro's government, despite having the greatest reach since those were carried out in the 1990s by his predecessor, have been rather limited, fairly shallow, slow, and somewhat contradictory.

But there is also something quite unique that the government is carrying out: they are enshrining the historic leadership of the revolution for eternity. This has never been seen before in recent history, not even in the countries of Eastern Europe or the former Soviet Union, where the emerging political forces were capable of carrying out reforms. In the Cuban case, the historical leaders have ultimately become trapped in their own errors.

The reforms are based on obsolete structures that have not been dismantled and serve only to preserve socialism. Therefore, what becomes of the so-called reforms is really a contradiction.

In this context, the economic situation of the island is chaotic, and its errors and failures have been piling up for more than a half century. They are a heavy burden that the crippled government must disentangle if the reforms are to work.

The current economy performs like a bankrupt company, and it survives thanks only to outside help: the Cuban diaspora and aid from Venezuela. Nevertheless there are two important factors that are preventing the total collapse of the system.

The outlook for reforms is not hopeful.

The pattern of Cuban outmigration for the last 10 years reveals that more than a half million Cubans have left the island in order to try their luck in other latitudes.

In 2012, two years after the reforms started, the island reached its peak outmigration level for the entire decade. A total of 56,207 Cubans emigrated to other countries. This high mark can be interpreted as a signal that the reforms have not improved the everyday life of Cubans, or, conversely, it may mean that there is considerable anxiety among the population.

Currently, 2.1 million Cubans live outside of the island, while 11.2 million remain there. That means that for every five residents on the Island, one is living abroad. While 3% of the world’s population has migrated internationally, for Cuba the figure is 15.3%.

However, this high Cuban migration rate is paradoxically derived from one of two legs that sustain the island’s economy: remittances.

Thanks to the removal of restrictions on sending money that President Obama implemented in 2009, approximately $2.6 billion in cash and another $2.5 billion in merchandise, reach the island annually. Goods such as clothing, food, medicine, household appliances, and other products constitute these in-kind remittances. Cubans living abroad send them to their family members back home in order to cope with mounting economic needs.

Annually, then, this amounts to $5.1 billion. This amount exceeds the combined gross revenue derived from the four leading products in the country: tourism ($2.6 billion), nickel ($1.4 billion), exporting medical products ($500 million) and sugar exports in the amount of $393.1 million. Those four productive export categories generate $4.9 billion. However, that amount excludes the costs of production, administrative overhead, marketing, and distribution. If we factor in those expenses, that leaves a net figure of about $1 billion in earnings, which is five times less than the amount that the Cuban diaspora gives to family on the island. Moreover, money and merchandise reaching the island does not take into account the cost of wiring money or sending merchandise. In the last four years, remittances grew by $8 billion, a remarkable rate of growth.

Sending remittances over the next few years should rise. This is because of the growing outmigration of Cubans as well as the increase in charter flights and the number of Cuban-Americans headed to the island.

Miami is now the leading city of origin for sending charter flights to Cuba, having surpassed Montreal and Toronto. An ongoing study being carried out by The Havana Consulting Group over the last seven weeks has monitored flights leaving Miami for Cuba. On average, five charter airlines with 150-seat planes make the trip. This translates into an average of about 11.08 flights daily, or 1,662 passengers, of which 17% are non-Cuban-American U.S. residents or citizens. They travel to to seven destinations in Cuba: Havana (66.25%), Camaguey (9.11%), Cienfuegos (8.49%), Holguín (7.25%), Santa Clara (6.21%), Manzanillo (1.45%), and Santiago de Cuba (1.25%). Those passengers report that they carry an average of $3,500 cash with them. If we adjust for the 17% who are non-Cuban American, the daily totals reach $4.82 million dollars entering the island daily. In other words, roughly $1.76 billion reaches Cuba this way annually.

Venezuela’s support is dangerously decreasing.

Venezuela's estimated $6 billion of annual support constitutes the other leg supporting the Cuban economy.

However, the present crisis that this south American economy is experiencing, coupled with the negative effect that the death of Chavez has had in continuing chavismo, means that this level of aid will be difficult to sustain.

The numbers speak for themselves and it is difficult for the Cuban government to ignore them. They shape how the Cuban government shapes their reforms and how they might save the Cuban economy in light of a possible melt down in Venezuela.

To better understand the warning alarm that the Venezuelan economy is sounding, let us take a look at the following data:

When Chávez came to power in 1999, there were 16 ministries. In 2013, there are 36 (up 125%).

In 1999, the government employed 900,000 public workers. Today, there are 2.3 million state employees, which is an increase of 155%.

In 1999, without foreign currency controls, the exchange rate of Venezuela’s currency (Bolivares no fuertes) was 573.86 to one U.S. dollar. Today, with control rates set by CADIVI (Comisión de Administración de Divisas, or Commission on Hard Currency Administration), that exchange rate is 6300 Bolivares to the dollar. This is a devaluation of 997.83%, without taking in to account the Venezuelan government’s subsidy currency, nor addressing the price of the dollar in the nation’s black market.

In 1999, a barrel of oil fetched $10.57. Today, it sells for $109.45 per barrel. This is an increase of 935.48%.

In 1999, oil production reached 3.48 million barrels daily. Today, it is 2.36 million barrels daily, which represents a reduction of nearly one third (32.27%).

In 1999, oil exports were 3 million barrels daily. In recent years, this figure has fallen by 26.67%, or to 2.2 million barrels daily.

In 1999, the state oil company (PDVSA) employed 40,000 employees. Today, it has approximately 120,000, a three-fold rise.

In 1999, PDVSA $6 billion of outstanding debt. Today, it approaches $40 billion, which is a 567% increase.

In 1999, Venezuela’s debt was $39.911 billion. Today, it approaches $104.481 billion. This translates into an increase of 162%.

The Venezuelan government has taken over some 600 fincas (plantations) ($2.5 million hectares).

The government has spent more than $14 billion in purchasing armaments.

What shape is the labor force in three years after the reforms?

The data are not uplifting regarding the number of workers in the private sector. This contrasts with the hope that the government will gradually downsize the public sector and reduce its bureaucracy.

If we analyze the labor force situation three years after the reforms began, we observe that there are 6.8 million persons of working age, of which, 5.17 million are working, and leaving 1.09 million people without work. This translates into unemployment rate of 16%.

Self-employed workers in 2012 reached a high mark of 429,458 workers, of which 77,302 were retired, and 60,124 persons also worked in the state sector. Accordingly, that means that only 292,031 persons or 4.29% of the entire working force age were employed entirely by the private sector of the island. If we add to that figure the private agricultural workers (about 537,000 persons), both sectors of the labor force amount to 12.18% of the working age population of the island.

Table 2. Workforce situation on the island two years after the onset of the reforms. Cuban Work Force 2012 % Those in economically-active age group who work 5,174,500 76.06 All self-employed 429,458 6.31 Retired self-employed 77,302 1.14 Self-employed with public jobs 60,124 0.88 Exclusively self-employed 292,031 4.29 Private agricultural workers 537,000 7.89 Economically-active Age working in public sector 4,745,042 69.75 Unemployed population 1,091,400 16.04 Economically Active Age 6,802,900

The figures are quite striking and show that the private sector has little weight in the island’s economy.

Why aren't the reforms working?

The main obstacles that the reforms confront are that **there are no parallel structural reforms**. All the reforms are based upon the old scheme of centralizing the economy. The reach of the new regulations and laws, therefore, remains shallow.

Rather, the reforms are more about resurrecting prohibitions and curtailing rights than they are about substantive structural change. Here are a few examples: the migration reform, freeing up of the selling of houses and cars, the authorization of more than 183 types of self-employed work, and more recently, contracting Cuban athletes to play with foreign teams.

With the ideology of the Cuban government still intact, reforms will only move forward slowly, if at all. This is been the situation for more than half a century, which is why it will be very difficult that a change in strategic thinking and philosophy will be able to manage the country’s economy. Absent is any critical thinking about moving the country away from a centralized system to a more open economy without restrictions. For instance, one of the main obstacles is the privatization of public goods that is prohibited by the Constitution and, among other reasons, is one of the brakes that slows down foreign capital to the island, and impedes the development of a strong national private sector.

Entrepreneurship and individual initiative are straightjacketed, and rigid laws trap the productive elements of the economy. That is why the national media characterizes the limited successes of self-employed workers as those achieved by the nouveau riche, which strikes distrust and fear if the private sector becomes an engine of social change. Put another way, there is strong resistance to change despite the fact that the top of the government understands that there really is no other option available.

The dual currency system will also be very difficult to eliminate in light of the low productivity of the labor force and the outlandish state levels of employment whose employees remain very unproductive. Witness, for example, the recent opening of the real-estate market, which has proven to be more speculative than one of sales. Prices ascribed to houses bear no relationship with the purchasing power of the Cuban people. The average price of a house in Cuba at the national level is $31,489 CUCs (convertible currency units, equivalent to $1 USD), while the mean monthly salary is $216 CUCs.

In this new market context, there is a lack of financial mechanisms to stimulate the sale of homes and to finance mortgages. State banks play a very small role in providing loans to finance the construction and repair of homes, therefore making the as a place where cash is the only vehicle for acquiring new homes; this is a tedious process that is not attractive to many Cubans.

Capital investment remains discriminatory because only foreign companies and investors can do so. Cubans are not allowed to invest, regardless of whether they live on or off the island.

The government encourages neither private firms from operating nor individual entrepreneurship. Instead, it insists on pursuing the tried old and unsuccessful path led by cooperatives.

Turning arable land into usufruct has been a failure. Even though the state has leased out 70% of public arable lands (80% of all arable land), Cuba still imports 60% of the food it needs at a cost of $2 billion annually. Those who are using these arable lands do not feel as if they own them, and as a result, crops that are produced are more for subsistence than for massive distribution.

Lastly, the 183 types of self-employment jobs that the government has approved will not allow for major increase of the private sector. In the meantime, the skilled labor force of the Cuban economy – professionals such as architects, engineers and programmers-- are not included in these reforms.

So what needs to be done to make these reforms work?

A first element would be to adapt to the present economic situation of the country, which means bringing into play strategic thought that marks a departure from the old schemes of the past and focuses more on how to run the economy. One would have to eliminate the taboos that are standing in the way all new reforms being carried out. The government and party must internalize these this thinking.

In this new paradigm, therefore, the level of freedom required for the productive elements of the economy have to be completely independent of government action; they **must be self administered** and encourage free association and cooperation. It is essential to do away with laws that stand in the way of these reforms. Now is the time to create new laws that encourage entrepreneurship and private initiative.

In this regard, professionals have a major role to play in the leadership of these reforms. Highly skilled workers have been relegated to the background, and this is a huge error. A trained labor force will be the engine to drive the Cuban economy and prove to be a counter-veiling weight to foreign capital investment in the near future.

As well, unfettered access to new technologies is a mandatory condition that would help modernize the economy and avoid allocating it unnecessary intermediate stages.

Agricultural reforms must be deeper. Land should be turned over in perpetuity and not in usufruct. Farmers need to be the true owners of their harvests and compete in a free market without state intervention. It is vital that the private sector compete in the distribution, warehousing, and marketing of agricultural goods. For that to be carried out, private companies must be creative to import machinery and inputs and the agricultural sector, as well as controlling the export of their products.

In this context, the stagnant sugar industry needs to be privatized slowly, in stair-step fashion so that private and foreign investors can participate.

The real-estate sector requires two fundamental premises. 1). Modify the laws that limit its development. 2). Allow the private sector to take a protagonist role in directing investments and carrying out projects.

Foreign capital in the development of a national private sector will be necessary to break up the state bureaucracy and to allow a national construction industry to develop if these changes in real estate are to take place. Such a scenario would have the advantage of accelerating new housing projects that can be occupied and ready for sale in order to move the market forward. Private financial entities that can provide mortgage credit for the sale of homes will be absolutely essential.

**Failure of economic reform causes civil war**

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Indeed, if Cuba’s economic reform fails and local revolts ensue, the most likely outcome would be more a civil war such as that seen in Libya, with horrific acts of war, resistance and violations of human rights throughout the country. Nationalists who are concerned about the risk of political instability and criticize the lack of a credible proposal by most Cuban opposition groups should not be dismissed as opponents of democracy. The support for the political opposition should not be a litmus test that determines whether Washington will engage in cooperative dialogue with actors in Cuba.¶ By ignoring both the Cuban elite’s potential for governance and the current balance of power in which the opposition is fragmented, dispersed and without a clearly-articulated governance plan, the U.S. is opting for the most unstable and uncertain road to political transition. The immediate goals of U.S. policy towards Cuba must be to promote market growth through economic reform and a stable process of political liberalization that welcomes the growth of nonpartisan Cuban civil society organizations.

**A *total repeal* of the embargo is critical to *provide foreign capital* and incentivize *liberalization and democracy***

CSG 13 – The Cuba Study Group is a non-profit and non-partisan organization studying Cuba. (“Restoring Executive Authority Over U.S. Policy Toward Cuba”, February 2013, <http://www.cubastudygroup.org/index.cfm/files/serve?File_id=45d8f827-174c-4d43-aa2f-ef7794831032>)

Beyond failing to advance its stated objectives, the most counterproductive aspect of Helms-Burton is that it codifies U.S. embargo sanctions toward Cuba, and conditions the suspension of any and all such sanctions on congressional recognition of a transition government in Cuba. This is counterproductive in two ways. First, it hinders the United States’ ability to respond rapidly and strategically to developments on the Island as they occur. For example, if the Executive Branch wishes to increase assistance to the 400,000 private entrepreneurs currently operating small businesses in Cuba, it can only do so in a limited way through its licensing authority. Second, it creates a dynamic of “all-or-nothing” conditionality that effectively places U.S. policy in the hands of the Cuban government, making it easier for Cuban officials to resist political reform and dictate the degree of American influence on the Island. Defenders of the status quo inside the Cuban government have shown that they view greater engagement with the United States as a threat to their hold on power. As Elizardo Sanchez, the head of the Cuban Commission for Human Rights, has recognized: “The more American citizens in the streets of Cuban cities, the better for the cause of a more open society.” The Cuban government has become increasingly adept at manipulating U.S. policy choices. This is why any sign of a thaw from the United States has repeatedly been followed by confrontation or repression, which in turn has been followed by U.S. domestic pressure to tighten economic sanctions. This pattern has become somewhat predictable, as recently exemplified by Cuba’s imprisonment of U.S. contractor Alan Gross after President Obama relaxed family travel and remittance restrictions in 2009 and U.S. policymakers’ refusal to pursue improved bilateral relations in response.xvi It can be reasonably concluded that elements of the Cuban government do not, in fact, seek any substantial liberalization from U.S. sanctions. Indeed, Helms-Burton provides them with an alibi for their own failures and may well be essential to their political survival. Senator Jesse Helms famously said that Helms-Burton “tightened the noose around the neck of the last dictator in the Western Hemisphere, Fidel Castro.”xvii In practice, however, Helms-Burton may have served as an incredibly convenient life raft, giving a struggling and failing system the legitimacy that comes from the appearance of being a “state under siege.” Repealing Helms-Burton and related statutory provisions that limit the Executive Branch’s authority over Cuba policy. Over time, U.S. policies toward Communist countries with poor human rights records and histories of adversarial relations—such as China and Vietnam—have evolved toward diplomatic normalization and economic engagement. Policymakers in both parties have rightly judged that engagement, rather than isolation, better serves U.S. national interests and lends greater credibility to calls for political and economic reform. The Cuba Study Group believes the most effective way to break the deadlock of “all-or-nothing” conditionality and remedy the ineffectiveness of current U.S. policy is by de-codifying the embargo against Cuba through the repeal of Helms-Burton and related statutory provisions that limit the Executive Branch’s authority over Cuban policy.xviii Repealing Helm-Burton and related statutory provisions would shift the primary focus of U.S. Cuba policy away from the regime and toward empowering Cuban people. It would also enhance the leverage of the United States to promote a multilateral approach toward Cuba, as well as embolden reformers, democracy advocates and private entrepreneurs inside the island to press their government for greater change. De-codifying the embargo would allow the Executive Branch the flexibility to use the entire range of foreign policy tools at its disposal—diplomatic, economic, political, legal and cultural—to incentivize change in Cuba. The President would be free to adopt more efficient, targeted policies necessary for pressuring the Cuban leadership to respect human rights and implement political reforms, while simultaneously empowering all other sectors of society to pursue their economic wellbeing and become the authors of their own futures.xix Repealing Helms-Burton would also free civil society development and assistance programs to be implemented outside of a contentious sanctions framework. Repealing the extraterritorial provisions of Helms-Burton would allow the United States greater leverage in persuading the international community, especially key regional partners, to adopt a multilateral and targeted approach toward focusing on the advancement of human rights in Cuba. This would fundamentally transform the international dynamic that has long helped the Cuban government stifle dissent, since its efforts to isolate critics at home would increasingly lead to its own isolation from the international community. While it is difficult to prove a direct causal connection between economic reforms and an open society, modern history has taught us that it is increasingly difficult for dictatorial governments to maintain political control the more prosperity their people enjoy.xx Repealing Helms-Burton and related statutory provisions would allow the U.S. the ability to efficiently promote and provide direct support to Cuba’s private sector. Such support would empower a greater plurality within Cuban society, including government reformers, democracy advocates, Cuban entrepreneurs and society as a whole by increasing their access to the resources and expertise of the world’s most prosperous private sector (and largest Cuban diaspora), located a mere 90 miles from Cuba’s shores. In turn, this would enhance the relative power of Cuban society to that of the state, while stripping the latter of its preferred scapegoat for its oppressive practices and economic blunders. U.S. policy should also seek to incentivize the Cuban government to end state monopolies on economic activities and allow greater private participation in the economy. The Cuba Study Group believes that any forthcoming congressional review of current legislation relating to Cuba, such as a review of the Cuban Adjustment Act, must require a review of the totality of the legislative framework codified in HelmsBurton and related statutory provisions so that the United States may finally develop a coherent policy toward the Island. The U.S. should pursue this course of action independent of actions taken by the Cuban government so as not to place the reigns of U.S. policy in the hands of Cuban proponents of the status quo.

**More moderate approaches *comparatively fail* to stabilize Cuba**

Koenig 10 – Lance is a US Army Colonel. This is a paper submitted for a Masters in Strategic Studies at the US Army War College. (“Time for a New Cuba Policy”, March 11, 2010, http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA518130)

The United States requires a policy that will lead to better relations between the United States and Cuba, increase the soft power of the United States in the Latin American world, and pull the Cuban government towards a more representative form of governance. These conditions will contribute to the national security of the United States as well as to the western hemisphere. So with this in mind, what are our likely options? Options

• Path of least resistance, stay the course. The United States can continue with the current policy of trade embargo, travel restrictions, and limited diplomatic relations. The United States will not likely choose this path, but will rather go down it because it is easier politically to not change the status quo. This policy requires a long-term commitment and continuing patience. The Cuban Liberty and Democratic Solidarity Act of 1996 provides the way ahead that the Cuban government must follow in order to gain normalized relations with the United States. This option follows the path of the last forty nine years and no significant change is required on the part of the United States. Politically, this avoids the problems generated by going against the Cuban voters of Florida that have been strong supporters of the current policy. The risk is that the United States will miss a window of opportunity to make fundamental positive changes to our relationship with Cuba. Additionally, Cuba could attain economic prosperity in spite of the United States’ actions. Cuba would be forced to continue to look towards China and Venezuela for trade and security relationships. Additionally, for both trade and tourism, Cuba will continue to develop relationships with Canada and the European Union, while the United States’ influence will continue to wane.

**• Strengthen the current policy**. Eliminate the billions of dollars per year in remittances from Cuban-Americans to relatives within Cuba. Work multilaterally with other countries to increase the effectiveness of the current embargoes on trade and travel. Fully implement the “Powell Commission Report” recommendations to end the Castro dictatorship and undermine the succession strategy.31 The Powell Commission Report seeks to reverse the recent economic gains to put added pressure on the government of Cuba. 32 Additionally, pressure the European Union to stop trading with Cuba and restrict the ability of EU citizens to travel to Cuba. The EU nations provide a great opportunity to make up for lost trade with the United States and have a large population of potential tourists for Cuban beaches. The United States must deter actions by the Organization of American States to work closer with Cuba. The Organization of American States should also warn its members to limit the scope of bilateral relations with Cuba in order to support the efforts of the United States. The United States must use Radio and TV Marti to inform the Cuban people of the true cause of their economic difficulty, the dysfunctional communist centrally controlled economy vice economic sanctions. And finally, tighten the noose around the economy and government of Cuba to attempt to bring down the government in a shorter period of time. This option assumes that our current policy is the correct policy, but needs to be strengthened. It eliminates half measures and contradicting policies to produce a more powerful embargo with devastating effect on the Cuban dictatorship. The risk is that the United States will become further isolated from the world in regards to its Cuba policy and will create additional sympathy for Cuba. This could result in open disregard for the embargo by the European Union and other countries interested in trade with Cuba, with a **collapse of** the **effectiveness** of the embargo. The soft power of the United States would suffer with possibly no gain. The United States could lose all possible influence over the future direction of the Cuban government as the Castro regime is replaced.

**• Limited easing of** economic and travel **sanctions.** Engage the Cuban government and reward concessions by easing sanctions. Engage the Cuban government and use a carrot and stick program to encourage the Cuban leadership to transition from a dictatorship towards a more representative form of government, with more emphasis on the stick and less on the carrot. Reward concessions on human rights and moves toward democratization with increased levels of trade and travel. Use the enticement of increased revenue to the government through higher levels of trade as well as the income generated when Americans (of both Cuban descent and nonCuban descent) visit the island and spend dollars. This approach should be less threatening to the Cuban government as they have a level of control over the pace of change. The risk is that the government of Cuba would have the opportunity to adjust to the gradual changes and maintain control while conditions for the Cuban people improve, removing the pressure for a change towards market reforms and a more democratic form of government.

• Support the Cuban people, but not the government. This option would completely and unilaterally lift the embargo on trade and travel.33 Reestablish normal diplomatic relations with Cuba. Engage the Cuban government and use a carrot and stick program to encourage the Cuban leadership to transition from a dictatorship towards a more representative form of government, with more emphasis on the carrot and less on the stick. Included in the carrots are: military to military exchanges and exercises; observer status in the Organization of American States (OAS); and provide assistance transitioning the economic and financial aspects of the economy towards a free market system. Use the economic element of power to demonstrate the superior qualities of a free market economy. Encourage Cuba to allow United States businesses to operate in Cuba without the restrictions of government ownership and government collection of wages for labor. Help Cuba develop an economy that takes advantage of their educated workforce (literacy rate of 99.8%) 34 to move away from low value added products to high value added products with the goal of improving the per capita gross domestic product (GDP) and thus the quality of life for the average Cuban citizen. This option has risk politically, as Cuban voters in Florida have traditionally supported isolating the Cuban government and economic sanctions. There are recent indications that Cuban-American opinions are shifting towards more engagement with Cuba. The recent poll conducted by the Brookings Institution, in collaboration with Florida International University and the Cuba Study Group, found that over 55% of Cuban-Americans oppose continuing the embargo and seems to indicate that this risk has lessened recently.35 But, with a viable economy that improves the standard of living for the population of Cuba, their government will feel less pressure to change from a dictatorship into a more representative form of government.

Recommendations

The option with the **greatest possibility of success and reward** for the United States **is to** support the Cuban people, but not the Cuban government. The United States should take the following actions unilaterally • **Lift completely the economic embargo.** Establish banking and financial relationships to facilitate the trading of goods and services between the two countries.

• Lift completely the travel ban to allow not only Cuban-Americans with relatives but also all other Americans to travel to Cuba. This interaction of Americans with Cubans will help raise the awareness of Cubans about their northern neighbor.

• Next, the United States should engage the Cuban government to develop a bilateral trade agreement. The goal of this initiative would be to **achieve normal trade relations** between the two countries.

This leaves the issue of compensation for United States companies and individuals whose property was expropriated by the Cuban government. With the embargo lifted, the United States should enlist the assistance of the European Union and Canada to apply pressure to Cuba as well as to assist in negotiations with the World Trade Organization to address issues with illegally confiscated property.36 The United States will gain leverage with the Cuban government as relations improve, and that will be the time to address human rights in Cuba. The return of the Cuban Five, a group of Cuban spies arrested and convicted in Florida, should be worth some human rights concessions. In Cuba, these men are known as the “Cinco Heroes” and their plight is well known.37 So what leverage do we have now that we have unilaterally given the Cuban government most of what they have wanted? Offer to return back to Cuba the Guantanamo Naval Base after the government of Cuba shifts towards a representative form of government. The foundation for this action has already been laid with the Libertad Act. “The future of the Guantanamo base, a provision in the Cuban Liberty and Democratic Solidarity Act of 1996 states that once a democratically elected Cuban government is in place, United States policy is to be prepared to enter into negotiations either to return the base to Cuba or to renegotiate the present agreement under mutually agreeable terms.” The United States Congress should soften the language referring to a democratically elected government and instead substitute that a representative form of government is required before entering into negotiations for the Guantanamo base. Once Cuba makes changes towards a representative form of government the United States can start working on democratic reforms. The carrot is to offer Cuba, in exchange for changes to a democratic form of government, support for their return to the Organization of American States (OAS). Until Cuba makes changes towards democracy, the United States should block the request of several member states to let Cuba into the organization. Secretary of State Hillary Clinton said it well in a recent interview. “Many member countries originally sought to lift the 1962 suspension and allow Cuba to return immediately, without conditions, others agreed with us that the right approach was to replace the suspension — which has outlived its purpose after nearly half a century — with a process of dialogue and a future decision that will turn on Cuba’s commitment to the organization’s values.” These values include promoting democracy and defending human rights. The window of opportunity is open now for this type of change. The Obama administration has taken some steps in this direction with the lifting of remittance limits, unlimited visits to relatives in Cuba, and the ability to provide cell phones to relatives in Cuba. The other recent change is the new majority of Cuban-Americans, in Florida, that support removal of the embargo. Based on votes in the United Nations and the European Union it is clear that world opinion would definitely be supportive of this action. The combination of the above mentioned events now points to an opportunity to make real progress that will benefit both nations. The United States would gain in soft power, gain an additional economic trading partner, and have a chance to influence the type of changes in the Cuban government as the Castro influence wanes. Clearly, support to the Cuban people will indirectly provide support to the Cuban government, but that could work against the regime as well if the people realize that improvements in their living conditions are not the result of communism, but from the interaction with the capitalist world. There is a sound reason for unilaterally lifting the trade and travel embargoes without first seeing positive actions from the Cuban government. From Cuba expert Carlos A. Saladrigas, Co-Chairman, Cuba Study Group, “We can go back in the history -- in the 50-year history of United States-Cuba relations and clearly see that any time we begin to see a little bit of relaxation of tensions in the relationship, whenever we begin to see a little bit of openness on the part of the United States or Cuba, historically the Cuban government has done something to counteract that trend and significantly revert back to their playbook.” 40 The United States needs to take the initiative away from the Castro regime, and have them react to actions they have publicly called for (removal of the embargo), but in reality are unsure of the second and third order effects and their ability to control the outcome. One of the first problems for the Cuban government after the removal of the embargo will be the excuse for the poor performing economy. “… the embargo and the United States policy of confrontation and isolation have been incredibly useful to the Cuban regime as an alibi for the failures of the regime to meet the fundamental needs of the people on the island, but also is a significant source of legitimacy, both internal and external.” 41 Conclusion This situation may present the United States with the opportunity to step in to assist with market reforms if the Cuban economy sputters and the government realizes they don’t have a scapegoat. The efforts expended by the United States to keep the embargo effective, the loss of trade, and the loss of soft power in most of the world are clearly not worth it in comparison to the threat that Cuba poses today. The gains to be achieved by following any path other than the unilateral removal of the economic and travel embargoes are small in comparison to the overall costs of continuing the current failed policy. The United States is losing far too much soft power in its efforts to punish and isolate the government of Cuba. American firms could be left out of any economic gains as Cuba continues to grow its economy. As Cuba emerges from the economic difficulties of the last two decades, the United States has an opportunity to influence the future direction of our southern neighbor. The current United States policy has many passionate defenders, and their criticism of the Castro regime is justified. Nevertheless, we must recognize the ineffectiveness of our current policy and deal with the Cuban regime in a way that enhances United States interests.42 The United States cannot afford to miss out on the window of opportunity to affect a positive change in the relationship with Cuba. If Cuba is able to continue on a path of economic progress and emerge once again as a true regional power, with communism intact, the United States will be the loser in this half century struggle. Cuba is spreading its limited influence to Venezuela, Honduras, Nicaragua, and will be ready to bring in any other countries in the Americas that want to move away from the United States orbit. The United States can’t stand by and watch Cuba regain strength, intact as a communist country, but must take this opportunity to create an inflection point for Cuba that guides her onto a path that will benefit the nations of the Americas.

**Cuban collapse *distracts focus from Asia* and makes *resolving the Taiwan crisis impossible***

Gorrell 05 – Tim is a Lieutenant Colonel in the US Army. This paper is a strategy research project. (“Cuba: The Next Unanticipated Strategic Crisis?” March 18, 2005, http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA433074)

Regardless of the succession, under the current U.S. policy, Cuba’s problems of a post Castro transformation only worsen. In addition to Cubans on the island, there will be those in exile who will return claiming authority. And there are remnants of the dissident community within Cuba who will attempt to exercise similar authority. A power vacuum or absence of order will create the conditions for instability and civil war. Whether Raul or another successor from within the current government can hold power is debatable. However, that individual will nonetheless extend the current policies for an indefinite period, which will only compound the Cuban situation. When Cuba finally collapses anarchy is a strong possibility if the U.S. maintains the “wait and see” approach. The U.S. then must deal with an unstable country 90 miles off its coast. In the midst of this chaos, thousands will flee the island. During the Mariel boatlift in 1980 125,000 fled the island.26 Many were criminals; this time the number could be several hundred thousand fleeing to the U.S., creating a refugee crisis. Equally important, by adhering to a negative containment policy, the U.S. may be creating its next series of transnational criminal problems. Cuba is along the axis of the drug-trafficking flow into the U.S. from Columbia. The Castro government as a matter of policy does not support the drug trade. In fact, Cuba’s actions have shown that its stance on drugs is more than hollow rhetoric as indicated by its increasing seizure of drugs – 7.5 tons in 1995, 8.8 tons in 1999, and 13 tons in 2000.27 While there may be individuals within the government and outside who engage in drug trafficking and a percentage of drugs entering the U.S. may pass through Cuba, the Cuban government is not the path of least resistance for the flow of drugs. If there were no Cuban restraints, the flow of drugs to the U.S. could be greatly facilitated by a Cuba base of operation and accelerate considerably. In the midst of an unstable Cuba, the opportunity for radical fundamentalist groups to operate in the region increases. If these groups can export terrorist activity from Cuba to the U.S. or throughout the hemisphere then the war against this extremism gets more complicated. Such activity could increase direct attacks and disrupt the economies, threatening the stability of the fragile democracies that are budding throughout the region. In light of a failed state in the region, the U.S. may be forced to deploy military forces to Cuba, creating the conditions for another insurgency. The ramifications of this action could very well fuel greater anti-American sentiment throughout the Americas. A proactive policy now can mitigate these potential future problems. U.S. domestic political support is also turning against the current negative policy. The Cuban American population in the U.S. totals 1,241,685 or 3.5% of the population.28 Most of these exiles reside in Florida; their influence has been a factor in determining the margin of victory in the past two presidential elections. But this election strategy may be flawed, because recent polls of Cuban Americans reflect a decline for President Bush based on his policy crackdown. There is a clear softening in the Cuban-American community with regard to sanctions. Younger Cuban Americans do not necessarily subscribe to the hard-line approach. These changes signal an opportunity for a new approach to U.S.-Cuban relations. (Table 1) The time has come to look realistically at the Cuban issue. Castro will rule until he dies. The only issue is what happens then? **The U.S. can little afford to be distracted by a failed state 90 miles off its coast**. The administration, given the present state of world affairs, does not have the luxury or the resources to pursue the traditional American model of crisis management. The President and other government and military leaders have warned that the GWOT will be long and protracted. These warnings were sounded when the administration did not anticipate operations in Iraq consuming so many military, diplomatic and economic resources. There is justifiable concern that Africa and the Caucasus region are potential hot spots for terrorist activity, so these areas should be secure. North Korea will continue to be an unpredictable crisis in waiting. We also cannot ignore China. What if China resorts to aggression to resolve the Taiwan situation? Will the U.S. go to war over Taiwan? Additionally, Iran could conceivably be the next target for U.S. pre-emptive action. These are known and potential situations that could easily require **all** or many of the **elements of national power to resolve**. In view of such global issues, can the U.S. afford to sustain the status quo and simply let the Cuban situation play out? The U.S. is at a crossroads: should the policies of the past 40 years remain in effect with vigor? Or should the U.S. pursue a new approach to Cuba in an effort to facilitate a manageable transition to post-Castro Cuba?

**US support for Taiwan is critical to preventing war**

Roy 12 – Dr. Denny Roy is a senior research fellow in Asian security issues with the East-West Center in Honolulu. (“Why the U.S. shouldn't abandon Taiwan”, December 6, 2012, <http://globalpublicsquare.blogs.cnn.com/2012/12/06/why-the-u-s-shouldnt-abandon-taiwan/>)

China is the next superpower, the United States is in decline, and America needs to get on China’s good side. So say many analysts who have recently argued that in order to gain favor with Beijing, Washington should stop supporting Taiwan. The U.S. support at stake here includes two explicit policies and one implied policy. Since Taiwan cannot keep up with China’s massive military expansion, the United States sells arms to Taiwan. Washington also insists that any settlement of the Taiwan sovereignty issue must be agreeable to Taiwan’s people, not forced on them by Beijing. Finally, China understands that U.S. forces might intervene if Taiwan came under military attack. The argument for abandoning Taiwan may be superficially appealing in its cold-blooded logic. But it is terribly wrong. U.S. foreign policy has always been a reflection of American principles along with strategic and economic interests. Taiwan is a legitimate democracy, one with a long history of close friendship with the United States, threatened by a large authoritarian state demanding a political annexation that Taiwan’s people clearly do not want. If Americans will not stand by Taiwan, the principled component of U.S. foreign policy is dead. But abandoning Taiwan would not be merely immoral. Washington has economic, political and strategic interests in promoting democracy worldwide. In general, democratic governments make better international citizens than authoritarian states and are more likely to be partners than adversaries in America’s pursuit of its global agenda. Abandoning Taiwan would not only reduce the democratic world in concrete terms by throwing a community of 23 million people back over the barbed-wire fence. It would also signal that America is no longer serious about promoting democratization elsewhere. Some countries in the region are willing to stand up for their own interests against Chinese encroachment only if they have confidence in a long-term U.S. commitment to be a security partner. Other Asia-Pacific governments friendly to the United States would certainly take note if Washington sacrificed Taiwan to improve relations with China. Not only would the U.S. reputation for reliability suffer, but regional governments would perceive a shift in regional leadership from America to China. Absorption of Taiwan by China would make Taiwan an “unsinkable aircraft carrier” for the Chinese military. Taiwan anchors the “first island chain,” limiting the Chinese Navy’s access to the Pacific Ocean. Conversely, occupation of Taiwan would allow Chinese forces to straddle important sea lanes that are the economic lifelines of Japan and South Korea. Chinese control of Taiwan would greatly increase the pressure on Tokyo and Seoul, critically important U.S. allies, to accommodate Beijing’s strategic wishes. These alliances, and along with them the U.S. leadership role in the western Pacific, might become untenable. Although too small to act as a political “Trojan Horse” to massive China, as a vibrant Chinese democracy Taiwan is an influential model for China. It is easy for Chinese to dismiss the American or Western European democracies as unsuitable or unimaginable in a Chinese context, but Taiwan is a different matter. If the persistence of Taiwan as a political showcase (now viewed in person by almost two million mainland Chinese visitors annually) could constructively affect China’s political evolution toward democracy, this Taiwan contribution would be invaluable. But Taiwan requires help to safeguard its democratic system against Chinese pressure. Advocates of abandoning Taiwan may erroneously believe that halting U.S. military and diplomatic support for Taipei would reduce tensions in East Asia. This is certainly what Beijing would have us believe. According to Chinese officials and commentators, U.S. assistance to Taipei is all that stands in the way of peaceful unification, and without it the people of Taiwan would stop resisting and accept Beijing’s terms for unification. This premise, however, ignores an important reality: the main obstacle to unification is not U.S. arms sales, but rather Taiwanese nationalism and the wish of nearly all Taiwan’s people not to be ruled by the Chinese Communist Party. Thus, withdrawal of U.S. support would not necessarily lead to a peaceful resolution of the cross-Strait imbroglio. The opposite outcome is at least as likely. Deterrence against an attack by the People’s Liberation Army would be weakened, while Taiwan’s people may well choose to fight rather than capitulate. Another dubious assumption is that removing the Taiwan issue from U.S.-China relations would clear the way for a vastly improved bilateral relationship. It is true that Taiwan is the greatest single irritant in U.S.-China relations, that U.S. support for Taiwan reinforces Chinese suspicions of an American “containment” strategy, and that the cross-Strait war scenario is a major rationale for China’s military modernization and buildup. But neither U.S.-China relations nor Chinese regional behavior would improve much, if at all, as a result of a U.S. sellout of Taiwan. The Chinese would still have many other reasons to believe the United States is trying to keep China from rising, such as the U.S. alliances, increased American security cooperation with other governments in the region, and the alleged American “meddling” in the South China Sea dispute. There is no reason to expect that China would do more to further the American agenda on issues such as the North Korean and Iran nuclear weapons crises, since Chinese policy follows Chinese self-interests. Most importantly, Taiwan is not the source of China-U.S. friction. The two main Asia-Pacific powers are engaged in a rivalry for regional leadership and, even more fundamentally, in a struggle between two competing models for conducting international relations: one based on modern international laws and norms, and the other based on a return to the Sinocentric sphere of influence that prevailed for much of history. Rather than satisfying and pacifying Beijing, a U.S. concession regarding Taiwan might embolden Chinese demands for more concessions aimed at further weakening America’s strategic position in the Asia-Pacific region. Many observers see America in permanent decline and China as the anointed regional hegemon, but both of these outcomes are highly uncertain. Although now in the trough of an unemployment and fiscal crisis, the United States will probably recover. Conversely, China faces serious limits to its bid for regional leadership. These include internal vulnerabilities such as an aging population, the potential for large-scale political turmoil caused by groups angry at the Chinese government, and the necessity of making huge and painful adjustments to the Chinese economy. Externally, few states in Asia prefer Chinese to U.S. leadership. Unless China becomes overwhelmingly strong and American capabilities greatly diminish, security cooperation among the Asia-Pacific countries in defense of widely-accepted norms of international behavior will be sufficient to check those Chinese aspirations that are illegitimate in that they forcibly intrude on other people’s vital interests. One of these illegitimate aspirations is the notion that China cannot be a prosperous, secure great power without politically absorbing Taiwan, the last big piece of unfinished business from China’s “century of humiliation.” Abandoning Taiwan would, tragically, acquiesce to this notion. The threat of Taiwan independence is an unfortunate invention of the Chinese Communist Party. It is a fake threat. An autonomous Taiwan is not preventing massive increases in China’s prosperity and security. On the other hand, Beijing’s threat to militarily destroy the political system and political identity chosen by Taiwan’s people is real.

**Taiwan crisis is the *most likely scenario* for nuclear war**

Lowther 3/16 – William is a staff writer for the Taipei Times, citing a CSIS report. (“Taiwan could spark nuclear war: report”, 3/16/2013, http://www.taipeitimes.com/News/taiwan/archives/2013/03/16/2003557211)

**Taiwan is the most likely** potential **crisis that could trigger a nuclear war** betweenChina and the US, a new academic report concludes. “Taiwan remains the single most plausible and dangerous source of tension and conflict between the US and China,” says the 42-page report by the Washington-based Center for Strategic and International Studies (CSIS). Prepared by the CSIS’ Project on Nuclear Issues and resulting from a year-long study, the report emphasizes that Beijing continues to be set on a policy to prevent Taiwan’s independence, while at the same time the US maintains the capability to come to Taiwan’s defense. “Although tensions across the Taiwan Strait have subsided since both Taipei and Beijing embraced a policy of engagement in 2008, the situation remains combustible, complicated by rapidly diverging cross-strait military capabilities and persistent political disagreements,” the report says. In a footnote, it quotes senior fellow at the US Council on Foreign Relations Richard Betts describing Taiwan as “the main potential flashpoint for the US in East Asia.” The report also quotes Betts as saying that neither Beijing nor Washington can fully control developments that might ignite a Taiwan crisis. “This is a classic recipe for surprise, miscalculation and uncontrolled escalation,” Betts wrote in a separate study of his own. The CSIS study says: “For the foreseeable future Taiwan is the contingency in which nuclear weapons would most likely become a major factor, because the fate of the island is intertwined both with the legitimacy of the Chinese Communist Party and the reliability of US defense commitments in the Asia-Pacific region.” Titled Nuclear Weapons and US-China Relations, the study says disputes in the East and South China seas appear unlikely to lead to major conflict between China and the US, but they do “provide kindling” for potential conflict between the two nations because the disputes implicate a number of important regional interests, including the interests of treaty allies of the US. The danger posed by flashpoints such as Taiwan, the Korean Peninsula and maritime demarcation disputes is magnified by the potential for mistakes, the study says. “Although Beijing and Washington have agreed to a range of crisis management mechanisms, such as the Military Maritime Consultative Agreement and the establishment of a direct hotline between the Pentagon and the Ministry of Defense, the bases for miscommunication and misunderstanding remain and draw on deep historical reservoirs of suspicion,” the report says. For example, it says, it is unclear whether either side understands what kinds of actions would result in a military or even nuclear response by the other party. To make things worse, “neither side seems to believe the other’s declared policies and intentions, suggesting that escalation management, already a very uncertain endeavor, could be especially difficult in any conflict,” it says. Although conflict “mercifully” seems unlikely at this point, the report concludes that “it cannot be ruled out and may become increasingly likely if we are unwise or unlucky.” The report says: “With both sides possessing and looking set to retain formidable nuclear weapons arsenals, such a conflict would be tremendously dangerous and quite possibly devastating.”

### 1AC—Plan Text

**The United States federal government should normalize its trade relations with the Republic of Cuba.**

### 1AC—Agriculture Advantage

**CONTENTION 2 IS SUSTAINABLE AGRICULTURE:**

**Cuban agriculture sustainability is failing—foreign investment is key**

King 12 – M. Dawn King is a Visiting Assistant Professor at Brown University’s Center for Environmental Studies. She earned her Ph.D. in Environmental Politics at Colorado State University and worked as a policy analyst for the U.S. Geological Survey – conducting research on environmental decision-making models and internal governance of watershed management councils. (“Cuban Sustainability: The Effects of Economic Isolation on Agriculture and Energy”, March 21, 2012, <http://wpsa.research.pdx.edu/meet/2012/kingmdawn.pdf>)

Cuba needed an alternative agricultural model when foreign oil imports were cut off significantly at the end of the 1980s, and the partial opening of the Cuban economy, focused on creating more autonomous agricultural cooperatives, in the 1990s helped diversity food crops and set Cuba along a path of increased food security. The Cuban model was initiated out of necessity, not because of any sort of Cuban environmental consciousness, yet better environmental conditions went hand in hand with the new development strategy. Cuba learned the limits of their agricultural model under their socialist economic system and it is in need of further transformation in both the agriculture and energy sectors. A further opening of the economy to joint ventures could help with updating the power grid and providing more sources of renewable energy – potentially expanding Cuba’s potential for a more sustainable means of energy security. Further, Cuba needs foreign investment to update agriculture facilities and take maximum advantage of cogeneration and biofuel potential with sugarcane waste. The strong state control of farming practices, used to successfully jumpstart the alternative model, has hit its limit. The Cuban government must begin loosening its grips on the domestic economy to allow for more competition in the farming sector. Despite the potential to become more sustainable with a purposive and focused opening of the economy, the recent surge in joint venture investment on expanding domestic oil extraction, petrochemical facilities, and oil refinery infrastructure reveals a trend toward decreasing environmental sustainability. Once heralded as the world’s most sustainable country by coupling environmental performance indicators with their human development scores, Cuba is slipping further away from this goal. Perhaps the most distressing part of this current trend is that it took Cuba decades to create a national identity that embraced sustainable environmental practices in both the energy and agricultural sector, and it seemingly took only a couple of years to derail these efforts. Undoubtedly, conservation efforts and sustainable education programs can only satiate citizen’s energy desires to a certain point. In order to further the quality of life in the country, electric production must increase to rural areas with little energy infrastructure and to Havana in order to spur foreign investment and domestic small business growth. Cuba’s trade agreement with Venezuela is bringing in much-needed petroleum for electricity production, but their dependence on a relatively unstable country for crude is trapping them into the same relationship that crippled their economy in 1990 – impairing their original goal of self-sufficiency. Cuba is at a turning point in their path toward environmental sustainability, and the current need for immediate foreign capital and increased energy production seem to be trumping its desire to achieve development sustainably. Cuba still has enough centralized control to leap-frog dirty electric production for cleaner renewable forms of energy and the potential to guide development strategies that emphasize investments in and research on renewable energy. It can utilize its expertise on organic farming strategies to increase sugar production in a much more ecologically friendly manner than their monoculture approach in the 1970s and 80s. Decisions made in the next five years will demonstrate whether Cuba embraces their newly created national identity as a society striving for sustainable development or rejects the goal of sustainable development to increase short-term capital and energy needs.

**The plan provides foreign capital to Cuba and allows its model to be exported globally**

Shkolnick 12 – JD Candidate, Drake University Law School. (“SIN EMBARGO: THE CUBAN AGRICULTURAL REVOLUTION AND WHAT IT MEANS FOR THE UNITED STATES”, 17 Drake J. Agric. L. 683, Fall, http://students.law.drake.edu/aglawjournal/docs/agVol17No3-Shkolnick.pdf)

Cuba today is experiencing the most rapid shifts towards privatization and reform since the revolution more than sixty years ago. Though truly open trade with Cuba will remain out of reach until the embargo is relaxed or a new trade agreement is reached, it is worth the time of agricultural and business entities in the United States to consider how they may approach doing business in Cuba. Given the extent of pre-embargo trade between the United States and Cuba it is no stretch to imagine the enormous possibilities once that partnership is reestablished. Though reforms over the past decade have made significant progress towards this end, they only scratch the surface on what Cuba has to offer. The two economic areas where Cuba shows perhaps the most promise and have the greatest potential for international trade and investment are tourism and agriculture. Tourism shows great promise simply for the fact that for more than half a century the country has been entirely cut off from open trade and travel by U.S. citizens, citizens who will likely flock to the country once access is restored. Agriculture in Cuba also presents numerous unique opportunities, and since the collapse of the Soviet Union the country has developed novel agricultural production techniques that could help serve a growing demand for natural, organic foods in the United States. While tourism may increase economic opportunity for existing businesses and industries, Cuba’s agricultural model, on the other hand, presents unique opportunities to both existing and entirely new busi-ness opportunities in the United States. A. Cuba as a Tourist Destination Prior to the embargo, Cuba was a travel destination for as many as 300,000 American tourists per year.91 Tourists from various Soviet Bloc nations never came close to making up this loss in travel, reaching no more than 30,000tourists per year.92 Since the demise of the Soviet Union, however, tourism to the island has continued to increase dramatically. As of July 2012, Cuba is the sec-ond most popular tourist destination in the Caribbean region, trailing only the Dominican Republic.93 Slightly more than two million tourists per year now visit the island as of 2011, representing growth of 7.3% over the last year alone.94 Asof 2005, Cuba’s service sector accounted for 67.8% of the nation’s annual gross domestic product, eclipsing traditional Cuban exports such as nickel and sugar.95Tourist infrastructure in Cuba, however, has strained to accommodate the rapid surge in visitors, with hotels, resorts, restaurants, and other accommodations showing their age after decades of relatively little improvement or investment.96Depending on the precise means through which the travel and economic embargos are lifted, estimates of the number of U.S. visitors expected to visit Cuba within the first year range from six hundred thousand to more than one million, with up to five million visitors per year by the fifth year of open travel.97 There is the potential for modest yet not insignificant job growth in response to new travel opportunities, with potentially over twelve thousand new service sector and trav-el jobs in the United States within five years.98B. Agricultural Trade with Cuba It is the agricultural sector, however, that provides some of the most substantial and intriguing opportunities for both trade with Cuba and the creation of entirely new businesses in the United States. In fact, agricultural products were the very first items traded between the United States and Cuba since the embargo in December of 2001, when two ships loaded with chicken and corn arrived inHavana.99 The potential for the U.S. agricultural sector is abundantly clear when the sheer volume of Cuba’s agricultural imports are taken into account. In 2008,Cuba imported approximately $1.8 billion in agricultural goods.100 Only approximately 40% of imported agricultural goods were from the United States, leaving over $1 billion of trade going to other countries.101Cuba itself is very much in favor of increased agricultural trade with the United States simply for the logistical simplicity and cost-savings it would pro-vide.102 Import costs account for as much as 35% of the goods Cuba currently imports from its trading partners.103 Because Cuba is less than one hundred miles from the coast of the United States, the country is naturally eager to enter into trade relationships that lead to lower transportation costs.104 Cuban officials cite rice as just one example of an agricultural product that they would be inter-ested in obtaining from the United States.106 Rice is a staple food for Cuban citizens, and they enjoy it with almost every meal.107 Presently, the bulk of their rice must be imported from Eastern Asia, meaning a long voyage by sea and the expenses that go along with shipping tons of goods across the Pacific Ocean.108Rice exports alone present an enormous opportunity for U.S. producers. The United States is a major exporter of both processed and unprocessed rice, accounting for 10% of all international trade in rice each year.109 Half of annual U.S. rice sales come from the export market, and the United States is considered a reliable supplier of a quality product on the international market.110 The USDA estimates that if the current restrictions on trade were removed, Cuba could potentially exceed Mexico and Japan as the biggest importer of rice grown in the United States.111 As of September 2005, Cuba estimated that they could purchase more than one million metric tons of rice annually, but restrictions make it unlikely that import from the United States will go much beyond current levels of 712,000 metric tons.112 A key obstacle, according to Cuba, is the requirement that all shipments of agricultural products from the United States be paid for in cash before they leave port.113 This resulted in a reduction in rice ex-ports to Cuba by nearly 50% from 2004 to 2005, according to the USA Rice Fed-eration.114 For the foreseeable future, any effort by agricultural groups in the United States to take advantage of trade opportunities with Cuba will have to operate within the guidelines and policy directives of Cuba as well as the United States. One risk that any organization that wishes to trade with Cuba might encounter is that their proposals and business plans will run into red tape not only through regulations in the United States, but through conflict with the Communist Party of Cuba, which still holds tremendous sway over policy and business decisions on the island. Cuban officials are, of course, aware of the tremendous opportunity that trade with the United States might bring to their country, and for the most part remain eager to pursue closer ties with whom they see as their closest, most natu-ral trading partner.115 Roy Ramón Philippón, a leading official with the Cuban Society of Agrarian Law, indicated that the country recognizes that changes are necessary in order to properly compete with and participate in an open globalmarket.116 Long gone are the days when Cuba could count on highly subsidized exports to the Soviet Bloc as a stable source of income.117 For the first forty years of Cuba’s “socialist experiment” following their revolution, the first priority for the Cuban government was to provide the maximum amount of social services and benefit to the population regardless of the cost; something that they could achieve through trade with the Soviet Bloc prior to its collapse.118The process of reform in Cuba is necessarily dependent upon the approv-al of the national Communist Party. All of the reforms that have been put in place must be considered by and ultimately recommended by the Communist Party operating under their internal guidelines.119 By its nature this is intended to be a slow, deliberative process, the intent of which is to allow all interested gov-ernment officials, business representatives, and interested citizens to voice their opinions and for the Party’s guidelines to take each group’s concerns into ac-count.120Cuba has continued to introduce new programs to assist local producers in becoming more productive while also promoting ecological restoration andpreservation.121 In a shift away from the large state-run farms that characterized Cuban agriculture for much of the twentieth century, Cuba is now focused on diversifying agricultural production through a variety of both privately run and some state-controlled enterprises.122Cuban officials responsible for investigating and recommending addi-tional improvements to the Cuban agricultural system echo this call for reform and increased efficiency and productivity.123 Cuban officials point to the two primary goals that Cuba is pursuing in its efforts to improve its agricultural out-put and modernize their agricultural system; eco-restoration and preservation and urban and suburban agriculture.124 In addition, while the country is desirous of increasing its agricultural exports as a source of income, enough of the goods produced must be funneled into an official state-controlled market that can con-trol prices and ensure that food is affordable even to those with low incomes.125The first priority before any additional exports can be considered is to increase production for local consumption to the point where the country could conceiva-bly become self-sustaining for the majority of its food production needs.126 Once they are producing enough food for local consumption, then priorities may shift towards producing additional crops for export; coffee in particular is one locally produced crop that Cuba is particularly interested in increasing production for both local consumption and export.127Government officials recognize that the Cuban economy is in a relatively underdeveloped state, and future policies will need to be responsive to the state’s economic needs as well as their agricultural ones.128 If, for example, the price of corn were to skyrocket on the world market, Cuban officials indicate that if it made economic sense, they **“would cover this island with corn.**”129 Similar to the practices of the former Soviet Bloc, the Cuban economy is still very much orga-nized and planned by the state, and the current agricultural plan in Cuba is de-signed to cover the next five years of anticipated growth.130As for direct investment by foreign investors and producers, current poli-cies in Cuba will make that somewhat difficult for the foreseeable future, as all direct business relationships with foreign entities are currently organized and controlled by a number of governmental bodies.131 Cuban officials indicate that future reforms could conceivably open the door to direct investment and transac-tions between Cuban agricultural producers and foreign buyers.132 Understanding this future opportunity first requires a digression into the organizational structure employed in Cuba to manage and direct the agricultural system in Cuba. V. NEW REFORMS The current agricultural system has gone through a period of significant readjustment since the collapse of the Soviet Union. Beginning in 1993, Cuba started to move away from enormous state-run facilities and fully embraced a model of cooperative ownership that it had first introduced in the 1970s with the cooperativa de producción agropecuaria, or CPA.133 The new model, the basic unit of cooperative production, or UBPC, was introduced in September of 1993,and by 1995 there were 2855 UBPCs in operation.134 The UBPC differs from the CPA in that a UBPC operates on land that continues to be owned by the state but is provided to farmers in the form of a usufruct agreement, while a CPA is made up of lands that groups of farmers already had in their possession.135 By the endof 2007, the UBPC had far exceeded the CPA in the amount of land being farmed, with more than 2.8 million hectares of land organized under the UBPC system, compared to just under 700,000 hectares in CPAs.136 The majority of farmland in Cuba remained under state control as of the end of 2007, with more than 6 million hectares of farmland overseen by the state.137Both the UBPCs and the CPAs operate under an arrangement whereby the state provides assistance in the form of access to credit and a market for the goods produced, and in exchange the production cooperatives provide a certain quota of goods for sale and distribution by the state.138 One of the key objectives in the legislation itself is that the farms shall “be owners of the means of produc-tion and of the crop,” while still retaining ownership of the land in state hands.139Goals of this new organization were to improve efficiency and encourage more productive use of land. The goals of the Cuban Revolution continue to be em-bodied in the legislation that created these entities.140In 2008, Cuba passed what is perhaps the most substantial piece of agri-cultural legislation in decades. Named simply “Law 259,” it provides a means for almost any Cuban citizen, existing farm, or authorized agency to acquire un-used state lands and put them to better use as farmland.141 This is a substantial departure from the earlier CPA and UBCP systems that for the most part only transferred existing agricultural land controlled by the state into quasi-privatecooperatives.142 Law 259 continues the usufruct method of land distribution pio-neered by the UBPC system and allows for any interested, qualified party to ap-ply for an initial tract of a maximum of 13.42 hectares (33.16 acres), with their ownership potentially increasing to up to 40.26 hectares (99.48 acres) in the fu-ture.143 Continued operation of farmland granted under this program is contin-gent upon the land being used in a productive, sustainable manner with appropri-ate environmental conservation measures.144Even with the new reforms, the land is still technically tied to the state, and individuals who take possession of land under this program are not permitted to sell or rent the land to others, though the state will compensate landowners for the improvements they have made to the land during their term of tenancy.145The CPA, UBPC, and now Law 259 reforms Cuba put in place, along with reforms the Cuban government is discussing for the future, mean that opportunities for further U.S. involvement in Cuban agriculture are numerous. Presently, foreign companies that wish to enter into business relation-ships with Cuban counterparts must do so almost entirely via official government channels.146 Government agencies such as the Ministry of Sugar or the Ministry of Agriculture are responsible for managing trade for their respective indus-tries.147 All imports of food and other agricultural products must first enter the country via Alimport, a state-run agency that handles the entire sales process from securing contracts and arranging for payment to managing the distributionprocess.148 For the time being, the sole agency that U.S. companies wishing to engage in agricultural trade in Cuba can work with is Alimport.149 Rarely will there be any contact directly between U.S. companies and end-users in Cuba.150The process in the United States can be similarly convoluted. The U.S. Department of Commerce’s Bureau of Industry and Security oversees all busi-ness negotiations with Cuban companies, and notifications of sales must be sub-mitted through them before a license will be granted.151 Since U.S. policy still prohibits the extension of credit to any Cuban banks, all payments either have tobe paid for in cash prior to shipment or a confirmed letter-of-credit can be com-pleted with a bank located in a third country.152 In an unusual and unfortunate overlap in U.S. policy directives, goods that are paid for in cash prior to shipment are legally Cuban property though still in the United States, and potentially sub-ject to seizure on behalf of Cuban exiles within the United States who have out-standing legal and monetary claims against the Cuban government.153 Ships with goods meant for Cuba, however, may leave port as soon as payment is either received in cash or confirmed deposited in a foreign bank, a clarification made by the Department of Treasury Office of Foreign Asset Control in July 2005 in an attempt to reduce anxiety over this possibility.154José Garea Alonso, an official with the Cuban Ministry of Agriculture, indicated that recent legislation such as Law 259 is the start of what may eventu-ally lead to more direct commercial ties between Cuban organizations and foreign buyers or investors.155 At the moment, Cuba’s agricultural cooperatives are relatively small and continue to rely on the state for the bulk of their marketingopportunities.156 In the future, these cooperatives may be allowed to join together to form larger groups of linked agricultural cooperatives working together to manage their own affairs, and may include the ability to directly negotiate with foreign buyers rather than requiring an intervening hand from Alimport or anoth-er appropriate ministry.157Foreign investment in Cuban businesses has only been possible in a lim-ited form since the early 1980s, when the Cuban government introduced legisla-tion allowing for foreign entities to create a joint venture with the Cuban gov-ernment for investment purposes.158 Ultimately, the goal of this legislation was to provide an easier means for Cuba to acquire additional foreign currency to inject into its economy.159 Even with the new law, regulations prohibited any foreign participant in a joint enterprise from controlling more than 49%, though such a restriction was not in place for a partnership.160VI. NEW OPPORTUNITIES While investment in Cuban businesses and sales or purchases of Cuban products must still move through official channels under the joint venture law or other Cuban programs, the time is ripe for organizations in the United States to begin laying groundwork for closer ties with Cuban agricultural entities. Recent regulatory changes implemented by the U.S. government provide a means for individuals and businesses to begin forming the relationships with their Cuban counterparts that will lead to future trade opportunities.161As previously mentioned, recent changes in U.S. policy now allow for any individual in the United States, not simply relatives, to donate money to Cu-ban citizens, though not to exceed $500 for any three month consecutive period, with the only restriction being that the recipient is not an official in the Cuban government or the Communist Party.162 Specifically written into these new regu-lations is the idea that these remittances may be spent “to support the develop-ment of private businesses.”163 A five hundred dollar infusion of capital to sup-port a fledging business or farm can be enormously beneficial when the average monthly salary is only 448 pesos, or approximately twenty dollars.164Additional capital will enable small Cuban farms to expand operations by hiring additional help or perhaps purchasing additional farm animals. While purchasing a tractor may seem like an obvious choice for a growing farm, Medardo Naranjo Valdes of the Organoponico Vivero Alamar, a UBPC just out-side of Havana, indicated that farm animals such as oxen would remain the pre-ferred choice for the foreseeable future on the small and midsized farms that make up the majority of the newer agricultural cooperatives.165 Not only do farm animals not require gasoline or incur maintenance costs beyond perhaps an occa-sional veterinarian charge, their waste can be used as fertilizer. Apart from additional labor, funds provided to agricultural cooperatives could be put to use in developing innovative pest control techniques that do not require the use of expensive pesticides or other chemicals. The Vivero Alamar is currently experimenting with a variety of natural pest control techniques such as introducing plants that serve as natural repellents to insects and the introduction of other insects that feed on harmful pests without harming the crops.166Investment in agricultural cooperatives done in this manner will likely fail to see much return on the investment for their foreseeable future, until poli-cies in both the United States and Cuba are changed.167 For a relatively small sum, American investors will get not only the benefit of a close relationship with a Cuban farm that will become a new source of both import and export business in the future, but potentially gain access to innovative agricultural techniques that could be used in the United States immediately.168 Because the logistical structure needed to transport goods from large ru-ral farms into city markets remains underdeveloped, urban and suburban agricul-ture makes up a growing portion of the food produced and consumed in Cuba.169 As in other countries, the population trends in Cuba have continued to shift away from rural areas to more concentrated urban and suburban areas, with about three-fourths of Cubans living in cities.170 With this shift in population has also come a shift in the country’s agricultural system. As of 2007, about 15% of all agriculture in Cuba could be classified as urban agriculture.171 Not only have agricultural practices changed, but eating habits have as well. Without the Soviet Union to provide a ready source of income and the machinery needed to engage in large-scale livestock production, vegetable consumption has increased dramat-ically.172 Nearly every urban area has direct access to a wide variety of locally grown, organic produce.173 Many of the urban farms in Cuba, including the Vivero Alamar, make use of organoponics, a system where crops are produced in raised beds of soil on land that would otherwise be incapable of supporting intensive agricultural pro-duction.174 Many of these raised beds can be constructed in a concentrated area to support a wide variety of produce, with the typical organoponic garden covering anywhere from one half to several hectares in size.175 The rise of the organoponic production method was a shift away from the earlier centralized production mod-el employed by the state. It has been supported through intensive research and development by a variety of state agencies, such as the National Institute of Agri-cultural Science, and continued development has been guided through intensive training and educational programs.176 The organoponic system is not limited in its application to Cuban urban farms, but **maintains potential to be applied worldwide**, including in the United States. Urban agriculture in Cuba revitalized and put to use previously aban-doned and unused land. A similar approach could be applied to the United States as a means to restore blighted areas.177 Applying Cuban-derived organoponics in U.S. cities could potentially open up an enormous amount of land that was previ-ously unusable. From a business perspective, investing in an organoponic agri-cultural program in the United States is also a sound decision since the demand for local produce reached $4.8 billion in 2008 and is only expected to grow fur-ther, potentially reaching $7 billion in 2012. In an American city beset with high unemployment such as Detroit, Michigan, for example, investing in urban agriculture could potentially generate as many as five thousand new jobs.179 By utilizing Cuba’s system of organopon-ics, the need to use expensive and complex farm machinery could be significantly reduced. Already companies in the United States, such as Farmscape Gardens in southern California, recognize what Cuba’s organoponic system could achieve and have integrated it into their business practices.180 Rachel Bailin, a partner in the company, indicated that it was Cuba’s organic farming practices that helped inspire them to start a company devoted to urban agriculture.181 They have al-ready used Cuba’s organoponic farming methods to produce more than 50,000 pounds of produce since the spring of 2009.182 **The potential for future growth in this industry is huge**, as Farmscape Gardens’ current levels of production make it the largest urban agriculture company in the state of California.183Cuba not only offers attractive prospects for trading in the future, but methods of agriculture pioneered out of necessity have broad prospects if applied to agriculture in the United States. As the demand for locally grown produce continues to increase, a cost-effective and proven agricultural model like Cuba’s organoponic system may be just what is needed to allow for urban agriculture to flourish. VII. CONCLUSIONS The United States and Cuba have a long, complicated history that years of animosity and finger pointing have certainly done little to improve. For more than fifty years now, the United States has shunned one of its closest neighbors, but recent actions by the Obama administration indicate change is certainly a possibility. In conclusion, the future of trade relations with Cuba can be summed up as follows: First, truly open trade with Cuba is not likely to occur for many years. The political and foreign policy practices that have supported the embargo will not disappear overnight. What is more likely, though, is a continued and gradual relaxation of certain trade policies that will ultimately benefit a number of U.S. industries, agriculture included. While trade in agricultural products is currently possible on a limited scale, agricultural entities in the United States interested in trading with Cuba on a larger scale should begin their preparations now by forg-ing relationships with their Cuban counterparts. Opening the door to further trade will not happen without a concentrated and prolonged push by various in-terest groups in the United States. Second, certain companies that wish to do business in Cuba today are able to do so and should begin familiarizing themselves with the Cuban govern-mental entities such as Alimport. Barring a complete reorganization of the Cu-ban government, agencies such as Alimport will likely continue to oversee for-eign trade for the foreseeable future. Forming business relationships with Cuban companies in the short-term under existing regulations will help support broader trade opportunities in the future. Finally, what Cuba has accomplished in the field of cooperative and ur-ban agricultural products is remarkable, and should serve as an inspiration to farmers and businesses in the United States as well. The Cuban organoponic system of production has great potential for a variety of urban and suburban farming activities in the United States, particularly as demand for local and or-ganic produce continues to rise. As relations between Cuba and the United States continue to thaw in the coming years, organizations that began their preparations today will be best equipped to meet the challenges and opportunities posed by this new and grow-ing market. Political animosities will eventually crumble in the face of the eco-nomic opportunities that closer trade relations could bring to both nations. One of the United States’ closest neighbors has been its enemy for far too long. Cuba presents a unique opportunity American business and agricultural enterprises cannot afford to overlook.

**Access to the US market is critical to *sustainability* and *emulation***

Kost 04 – William is part of the Economic Research Service for the USDA. (“CUBAN AGRICULTURE: TO BE OR NOT TO BE ORGANIC?” 2004, http://www.ascecuba.org/publications/proceedings/volume14/pdfs/kost.pdf)

MARKETS MAY BE CRITICAL FOR AN ORGANIC CUBA In addition to the above European markets, the successful expansion and viability of Cuba’s organic production may also depend on access to geographically close, high-income foreign markets, namely the United States and Canada. Currently, Cuban produce is not certified-organic in either of these markets. Only after Cuban products are certified for these countries could Cuba legally export produce labeled organic to these markets. Given that many technical production practices currently followed by Cuban producers are potentially compatible with U.S. certification standards and given Cuba’s prior experience in becoming Swiss-certified, Cuba could be well positioned to meet U.S. certification standards. For the U.S. organic market, in addition to a lifting of the U.S. embargo, Cuba would have to be certified by a USDA-accredited certification program that assures U.S. markets that Cuban products labeled organic meet all National Organic Program standards and regulations under the U.S. Organic Foods Production Act of 1990. If the U.S. embargo on Cuba were lifted, Cuban exports, once certified, could play a significant role in the U.S. organic market. In this current U.S. niche market, production costs are high. Opening the U.S. market would enable Cuba to exploit its significant **comparative advantage** in this area. This market could become a quick foreign exchange earner for Cuba. The largest barrier Cuba faces in expanding into the U.S. organic market will be meeting U.S. requirements for organic certification. Tapping the U.S. market may create sufficient price incentives for Cuban producers to take the necessary steps to meet the organic standards of other importing countries. Cuba could then expand production of organic produce geared to these specialty export markets. With sufficiently high prices for organic produce, urban labor may remain active in an organic urban gardening sector. Most likely, the viability of a vibrant organic produce production and processing sector in Cuba will depend on Cuba’s gaining access to the large, nearby U.S. market. Without such access, organic-oriented production of horticultural products in Cuba will likely remain a necessity-driven way to produce food for domestic consumption in an environment where other production approaches are just not available. The U.S. market is large and diverse. The demand for organic produce is only one portion of that market. How Cuba’s horticultural industry responds to restored U.S. trade will be a function of the relative price and cost incentives of the organic and non-organic market segments. If the organic price premiums are sufficient, Cuba has the climate, land resources, low-cost labor, and history of organicoriented production to allow it to develop and grow its horticultural sector in that direction. If the market incentives are not sufficiently large to pursue the organic produce market, Cuba will return to a chemical- and technology-driven, yield-maximizing, and labor-minimizing commercial production as rapidly as they can afford to do so. Cuba will have some incentive to increase domestic food production as rapidly as possible to feed the domestic population, rather than importing food for domestic consumption. Cuba could then use a larger share of its scarce foreign exchange to import energy, technology, and other inputs to support growth in other sectors of the Cuban economy.

**Continued reliance on industrial mechanized ag results in *catastrophic warming* and *biodiversity loss***

Cummins 10 – Ronnie is the International Director of the Organic Consumers Association. (“Industrial Agriculture and Human Survival: The Road Beyond 10/10/10”, Organic Consumer’s Association, October 7, 2010, <http://www.organicconsumers.org/articles/article_21747.cfm>)

Although transportation, industry, and energy producers are obviously major fossil fuel users and greenhouse gas polluters, not enough people understand that the worst U.S. and global greenhouse gas emitter is "Food Incorporated," transnational industrial food and farming, of which Monsanto and GMOs constitute a major part. Industrial farming, including 173 million acres of GE soybeans, corn, cotton, canola, and sugar beets, accounts for at least 35% of U.S. greenhouse gas emissions (EPA's ridiculously low estimates range from 7% to 12%, while some climate scientists feel the figure could be as high as 50% or more). Industrial agriculture, biofuels, and non-sustainable cattle grazing - including cutting down the last remaining tropical rainforests in Latin America and Asia for GMO and chemical-intensive animal feed and biofuels - are also the main driving forces in **global deforestation and wetlands destruction**, which generate an additional 20% of all climate destabilizing GHGs. In other words the direct (food, fiber, and biofuels production, food processing, food distribution) and indirect damage (deforestation and destruction of wetlands) of industrial agriculture, GMOs, and the food industry are the major cause of global warming. Unless we take down Monsanto and Food Inc. and make the Great Transition to a relocalized system of organic food and farming, we and our children are doomed to reside in Climate Hell. Overall 78% of climate destabilizing greenhouse gases come from CO2, while the remainder come from methane, nitrous oxide, and black carbon or soot. To stabilize the climate we will need to drastically reduce all of these greenhouse gas emissions, not just CO2, and sequester twice as much carbon matter in the soil (through organic farming and ranching, and forest and wetlands restoration) as we are doing presently. Currently GMO and industrial/factory farms (energy and chemical-intensive) farms emit at least 25% of the carbon dioxide (mostly from tractors, trucks, combines, transportation, cooling, freezing, and heating); 40% of the methane (mostly from massive herds of animals belching and farting, and manure ponds); and 96% of nitrous oxide (mostly from synthetic fertilizer manufacture and use, the millions of tons of animal manure from factory-farmed cattle herds, pig and poultry flocks, and millions of tons of sewage sludge spread on farms). Black carbon or soot comes primarily from older diesel engines, slash and burn agriculture, and wood cook stoves. Per ton, methane is 21 times more damaging, and nitrous oxide 310 times more damaging, as a greenhouse gas than carbon dioxide, when measured over a one hundred year period. Damage is even worse if you look at the impact on global warming over the next crucial 20-year period. Many climate scientists admit that they have previously drastically underestimated the dangers of the non-CO2 GHGs, including methane, soot, and nitrous oxide, which are responsible for at least 22% of global warming.

**Status quo food production is failing—a shift to urban agriculture is key to *sustainable food systems* and *biodiversity preservation***

Peters 10 – LL.M. expected 2011, University of Arkansas School of Law, Graduate Program in Agricultural and Food Law; J.D. 2010, University of Oregon School of Law. (“Creating a Sustainable Urban Agriculture Revolution”, Journal of Environmental Law and Litigation, Vol. 25, 203, http://law.uoregon.edu/org/jell/docs/251/peters.pdf)

URBAN AGRICULTURE Urban agriculture is a system that ensures food security by providing access to land and resources to support urban farming efforts.68 The United Nations Development Programme defines urban agriculture as follows: [A]n industry that produces, processes, and markets food and fuel, largely in response to the daily demand of consumers within a town, city, or metropolis, on land and water dispersed throughout the urban and peri-urban area, applying intensive production methods, using and reusing natural resources and urban wastes, to yield a diversity of crops and livestock.69 In the United States, urban agriculture is perhaps better known as community gardening.70 Community gardens are areas where residents grow food on publicly held or privately held land that they do not own.71 Most often, community gardens are located within neighborhoods, on public housing premises, or on school grounds.72 In the face of an imminent food shortage, especially in light of the economic and energy crises discussed above, it is **imperative that urban residents expand** urban **food production**. Neglected and abandoned vacant lots in blighted urban areas comprise a vast amount of land that could be converted into urban gardens.73 In addition to vacant lots, other urban areas including schoolyards, hospital grounds, parks and other open spaces, utility easements, alleys, rooftops, building walls,75 and even windowsills all provide opportunities for urban agriculture.76 While the many benefits of a sustainable urban agricultural system will be discussed below, additional benefits to urban communities deserve mention here. Urban gardens beautify and green urban neighborhoods while also building a sense of community.77 Urban gardens provide educational and employment opportunities, promote self-respect, and can even reduce crime rates.78 These gardens also offer urban residents an opportunity to connect with nature and can instill environmental ethics.79 Additionally, urban gardens promote entrepreneurship, as urban farmers can sell excess produce at farmers’ markets, through Community Supported Agriculture programs,80 and directly to restaurants.81 Finally, urban gardening provides lowincome urban residents with a supply of fresh and healthy organic food that can combat problems associated with inadequate nutrition, such as illness, fatigue, depression, anxiety, and hunger.82 IV SUSTAINABILITY Sustainability is best described as a concept of making decisions for the courses of action we choose in a way that balances the three “E’s” of sustainability—environment, economy, and social equity83 — as well as the lesser known prong of sustainability, national security.84 Sustainability is a big-picture concept. Our individual actions as well as local, state, and federal policies do not exist in a vacuum; every action has an impact on the world at large and on future generations. To create a truly sustainable world, all of our decisions, from individual choices to federal policies, must consider the impact on the environment, economy, society, and national security. Media coverage, marketing of consumer products,85 and recent documentaries have all contributed to bringing the terms “green” and “sustainability” into our everyday vocabulary,86 yet no clear definitions of these terms exist. While green focuses on protection of the environment, sustainability is much broader. In 1987, the World Commission on Environment and Development, in the Brundtland Report, defined sustainable development as “development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”87 At a more fundamental level, sustainability can be defined as “able to be sustained,”88 where sustain means to “strengthen or support physically or mentally . . . [to] keep (something) going over time or continuously.”89 In this broader context, sustainability requires that we look at our current lifestyles and practices and evaluate their capability of being continued indefinitely. Much of the recent attention concerning sustainability focuses on technologies designed to reduce energy consumption and foster development of renewable energy sources.90 Little discourse has been directed towards the immediate impact individuals can have merely by reducing personal levels of consumption through a simplified lifestyle, yet such a reduction would yield immediate results and require little financial investment. As individuals, we can foster sustainability while increasing our food supply simply by providing more for ourselves through a sustainable urban agricultural system. Government incentives, discussed infra Part VII, provide land and resources that would enable individuals and communities to take action to transform our agricultural system into one that is both sustainable and secure. In the following sections, this Note provides an overview of each of the four elements of sustainability—environment, economy, equity, and national security. This Note also discusses modern industrial agriculture, urban development trends, and urban agriculture in terms of the elements of sustainability. A. Environmental Sustainability In the environmental context, sustainability encourages production and development methods that preserve and protect our natural resources and reduce our impact on the environment.91 This involves “protecting existing environmental resources (both in the natural and ‘built’ world), including the preservation of historical sites and the development of environmental resources and assets for future use.”92 To accomplish this goal, we must find innovative ways to reduce our consumption of resources and replenish the resources we do consume. We must protect biodiversity and ecosystems, as well as our land, air, and water resources by reducing greenhouse gas emissions, carbon footprints, air and water pollution, and soil contamination.93 In the context of land use and food production, environmental sustainability demands that we conserve undeveloped land and employ food production methods that will have a minimal impact on the planet. 1. Environmental Sustainability and Industrial Agriculture Industrial agriculture is a system in which economies of scale and maximization of profits are the ultimate goals.94 Profits are maximized when agribusinesses produce the largest yield of single crops at the lowest possible cost, primarily through mechanization and intensive use of agricultural chemicals.95 As discussed supra Part I, the environmental effects of industrial agricultural methods include soil erosion, depletion of soil nutrients, groundwater contamination from chemical inputs, and consumption of finite fuels.96 Additionally, as crop yields decline due to environmental degradation and demand for agricultural products rises due to population growth and the increased use of plant-derived biofuels, more and more land will be consumed by industrial agriculture. This will result in an agricultural system that depletes and destroys natural resources at an increasing rate, which will negatively impact the planet’s carrying capacity.97 Along with farm subsidies and corporate control of food production in the United States, policies that allow the harms of industrial agriculture to be treated as externalities help perpetuate the current agricultural system.98 Under the current system, agribusinesses may pollute the environment, deplete clean water and soil, and promote social inequity without having to account for these harms when calculating profits. These external costs are significant; contaminated industrial farm runoff alone causes an estimated $9 billion of damage annually to U.S. surface waters.99 Further, the externalization of these costs discourages agribusinesses from conserving water, fertile land, and other natural resources. 2. Environmental Sustainability and Urban Development Trends Current urban development trends impact the environment in several significant ways. The most direct impacts are land consumption and the destruction of natural habitats.100 While interior urban areas are deteriorating and being abandoned at an increasing rate, the constant consumption of land to support new urban development is destroying greenfields, forests, and species.101 These new communities require land not only for building homes and businesses, but also for housing public services, such as schools and hospitals, and for creating an expanded transportation infrastructure.102 Increased commuting associated with urban sprawl and flight from blighted areas relies on oil, a finite resource with decreasing availability, and significantly contributes to greenhouse gas emissions,103 which pollute the air and contribute to climate change.104 Urban sprawl further contributes to the degradation of the environment by polluting water sources with runoff from newly constructed impervious surfaces such as homes and transportation infrastructures.105 During the construction phase, stormwater flows over construction sites, “pick[ing] up debris, chemicals, and sediment that flow into water bodies.”106 Water pollution continues to degrade the environment post-construction as stormwater runoff from paved surfaces, including new roads and highways, is also contaminated.107 3. Environmental Sustainability and Urban Agriculture Transitioning from an industrial agricultural system to a sustainable urban agricultural system would minimize the impacts of food production on the planet. Urban agriculture reduces the consumption of undeveloped land for farming. Food would be produced in areas that are already developed and populated, thereby conserving open space for natural habitat. Due to the proximity of urban gardens to dwellings and other buildings, urban agriculture must be performed without the use of large machinery and without the use of chemical pesticides and fertilizers.108 While lack of such inputs could be perceived as a challenge, urban gardening methods may result in increased crop yields on smaller plots of land than conventional farming practices achieve.109 Rather than maximizing crop yields through extensive use of chemicals, sustainable agriculture relies on crop rotation, composting, biofertilizers, and other organic farming techniques to improve soil fertility.110 Organic farming methods also protect water resources because organic farms do not use chemical inputs so there is no contamination of groundwater and streams.111 Furthermore, organic fertilizers reduce the amount of waste deposited in landfills because they are made from composted and recycled food waste, leaves, and lawn clippings.112 Urban gardening reduces the effects of climate change by decreasing greenhouse gas emissions. Unlike industrial farms, urban gardens are cultivated and harvested with minimal mechanization and do not use oil-based fertilizers.113 Moreover, food that is grown and sold locally eliminates the need for wasteful plastic packaging and fossil-fueled transport to market.114 Additionally, having fresh food available in every neighborhood would reduce carbon-emitting automobile trips to the grocery store.115 Urban agriculture presents an opportunity to reverse the decline of urban areas. A significant benefit of urban gardens is the beautification of urban neighborhoods and strengthening of community spirit.116 Urban gardens also can prompt the cleanup of contaminated vacant lots.117 Furthermore, increasing the amount of vegetation in urban areas would reduce surface temperatures during hot months and improve urban air quality.118 B. Economic Sustainability Sustainability requires that economic growth and development must be integrated with environmental protection and sustainable utilization of resources.119 Economic growth and development must also promote both intergenerational and intragenerational equity.120 While a steadily expanding economy is considered prosperity, a growing world population coupled with increasing overall consumption threatens to strain our planet beyond its carrying capacity.121 When economic stability is equated with increased consumption, we push the limits of the planet’s carrying capacity. Simply put, we are depleting the Earth’s resources at a rate that threatens the Earth’s future ability to support our species. The economic aspect of sustainability also addresses the fact that many of the planet’s resources are treated as externalities in the marketplace.122 For example, the costs of depleting natural resources and polluting the air, water, and ground are not reflected in the price of goods. Through regulations, mandates, and incentives, the U.S. government addresses some of these environmental costs,123 but more must be done to implement policies that will incorporate external costs into pricing structures. 1. Economic Sustainability and Industrial Agriculture **Industrial agriculture is not economically sustainable**. Industrial agriculture seeks to maximize profits without regard for environmental degradation or the long-term effects of heavy reliance on chemical pesticides and fertilizers. Rather than balancing economic growth with environmental protection and equity, industrial agriculture concentrates on maximizing profits at the expense of the environment and society, both in the present and the future. The United States currently has no regulations or policies in place that would impose costs upon agribusinesses for externalities;124 rather, current policies promote harmful industrial agricultural methods.125 A food production system that allows businesses to maximize profits without concern for its impact on society and the environment is not sustainable.

**Ecosystem collapse causes extinction**

**WATSON 2006** (Captain Paul, Founder and President of Sea Shepherd Conservation Society, has a show on Animal Planet, Last Mod 9-17, http://www.eco-action.org/dt/beerswil.html)

The facts are clear. More plant and animal species will go through extinction within our generation than have been lost thorough natural causes over the past two hundred million years. Our single human generation, that is, all people born between 1930 and 2010 will witness the complete obliteration of one third to one half of all the Earth's life forms, each and every one of them the product of more than two billion years of evolution. This is biological meltdown, and what this really means is the end to vertebrate evolution on planet Earth. Nature is under siege on a global scale. Biotopes, i.e., environmentally distinct regions, from tropical and temperate rainforests to coral reefs and coastal estuaries, are disintegrating in the wake of human onslaught. The destruction of forests and the proliferation of human activity will remove more than 20 percent of all terrestrial plant species over the next fifty years. Because plants form the foundation for entire biotic communities, their demise will carry with it the extinction of an exponentially greater number of animal species -- perhaps ten times as many faunal species for each type of plant eliminated. Sixty-five million years ago, a natural cataclysmic event resulted in extinction of the dinosaurs. Even with a plant foundation intact, it took more than 100,000 years for faunal biological diversity to re-establish itself. More importantly, the resurrection of biological diversity assumes an intact zone of tropical forests to provide for new speciation after extinction. Today, the tropical rain forests are disappearing more rapidly than any other bio-region, ensuring that after the age of humans, the Earth will remain a **biological**, if not a literal **desert** for eons to come. The present course of civilization points to ecocide -- the death of nature. Like a run-a-way train, civilization is speeding along tracks of our own manufacture towards the stone wall of extinction. The human passengers sitting comfortably in their seats, laughing, partying, and choosing to not look out the window. Environmentalists are those perceptive few who have their faces pressed against the glass, watching the hurling bodies of plants and animals go screaming by. Environmental activists are those even fewer people who are trying desperately to break into the fortified engine of greed that propels this destructive specicidal juggernaut. Others are desperately throwing out anchors in an attempt to slow the monster down while all the while, the authorities, blind to their own impending destruction, are clubbing, shooting and jailing those who would save us all. SHORT MEMORIES Civilized humans have for ten thousand years been marching across the face of the Earth leaving deserts in their footprints. Because we have such short memories, we forgot the wonder and splendor of a virgin nature. We revise history and make it fit into our present perceptions. For instance, are you aware that only two thousand years ago, the coast of North Africa was a mighty forest? The Phoenicians and the Carthaginians built powerful ships from the strong timbers of the region. Rome was a major exporter of timber to Europe. The temple of Jerusalem was built with titanic cedar logs, one image of which adorns the flag of Lebanon today. Jesus Christ did not live in a desert, he was a man of the forest. The Sumerians were renowned for clearing the forests of Mesopotamia for agriculture. But the destruction of the coastal swath of the North African forest stopped the rain from advancing into the interior. Without the rain, the trees died and thus was born the mighty Sahara, sired by man and continued to grow southward at a rate of ten miles per year, advancing down the length of the continent of Africa. And so will go Brazil. The precipitation off the Atlantic strikes the coastal rain forest and is absorbed and sent skyward again by the trees, falling further into the interior. Twelve times the moisture falls and twelve times it is returned to the sky -- all the way to the Andes mountains. Destroy the coastal swath and desertify Amazonia -- it is as simple as that. Create a swath anywhere between the coast and the mountains and the rains will be stopped. We did it before while relatively primitive. We learned nothing. We forgot. So too, have we forgotten that walrus once mated and bred along the coast of Nova Scotia, that sixty million bison once roamed the North American plains. One hundred years ago, the white bear once roamed the forests of New England and the Canadian Maritime provinces. Now it is called the polar bear because that is where it now makes its last stand. EXTINCTION IS DIFFICULT TO APPRECIATE Gone forever are the European elephant, lion and tiger. The Labrador duck, gint auk, Carolina parakeet will never again grace this planet of ours. Lost for all time are the Atlantic grey whales, the Biscayan right whales and the Stellar sea cow. Our children will never look upon the California condor in the wild or watch the Palos Verde blue butterfly dart from flower to flower. Extinction is a difficult concept to fully appreciate. What has been is no more and never shall be again. It would take another creation and billions of years to recreate the passenger pigeon. It is the loss of billions of years of evolutionary programming. It is the destruction of beauty, the obliteration of truth, the removal of uniqueness, the scarring of the sacred web of life To be responsible for an extinction is to commit blasphemy against the divine. It is the greatest of all possible crimes, more evil than murder, more appalling than genocide, more monstrous than even the apparent unlimited perversities of the human mind. To be responsible for the complete and utter destruction of a unique and sacred life form is arrogance that seethes with evil, for the very opposite of evil is live. It is no accident that these two words spell out each other in reverse. And yet, a reporter in California recently told me that "all the redwoods in California are not worth the life on one human being." What incredible arrogance. The rights a species, any species, must take precedence over the life of an individual or another species. This is a basic ecological law. It is not to be tampered with by primates who have molded themselves into divine legends in their own mind. For each and every one of the thirty million plus species that grace this beautiful planet are essential for the continued well-being of which we are all a part, the planet Earth -- the divine entity which brought us forth from the fertility of her sacred womb. As a sea-captain I like to compare the structural integrity of the biosphere to that of a ship's hull. Each species is a rivet that keeps the hull intact. If I were to go into my engine room and find my engineers busily popping rivets from the hull, I would be upset and naturally I would ask them what they were doing. If they told me that they discovered that they could make a dollar each from the rivets, I could do one of three things. I could ignore them. I could ask them to cut me in for a share of the profits, or I could kick their asses out of the engine room and off my ship. If I was a responsible captain, I would do the latter. If I did not, I would soon find the ocean pouring through the holes left by the stolen rivets and very shortly after, my ship, my crew and myself would disappear beneath the waves. And that is the state of the world today. The political leaders, i.e., the captains at the helms of their nation states, are ignoring the rivet poppers or they are cutting themselves in for the profits. There are very few asses being kicked out of the engine room of spaceship Earth. With the rivet poppers in command, it will not be long until the biospheric integrity of the Earth collapses under the weight of ecological strain and tides of death come pouring in. And that will be the price of progress -- ecological collapse, the death of nature, and with it the horrendous and mind numbing specter of massive human destruction.

**A move towards organic ag *mitigates future emissions* and *prevents warming***

Scialabba 10 – Nadia is from the Natural Resources Management and Environment Department, Food and Agriculture Organization of the United Nations (FAO). (“Organic agriculture and climate change”, February 2, 2010, Renewable Agriculture and Food Systems 25.2, <http://www.fao.org/docs/eims/upload/275960/al185e.pdf>)

Organic agricultural systems have an inherent potential to both reduce GHG emissions and to enhance carbon sequestration in the soil (Table 1). An important potential contribution of organically managed systems is the careful management of nutrients, and hence the reduction of N2 O emissions from soils, which are the most relevant single source of direct GHG emissions from agriculture. More research is needed to quantify and improve the effects of organic paddy rice production and to develop strategies to reduce methane emissions from enteric fermentation (e.g., by promoting double-use breeds). Indirect GHG emissions are reduced in organic systems by avoidance of mineral fertilizers. With the current organic consumers’ demand, further emission reductions are expected when organic standards include speciﬁc climate standards that consider, inter alia, reduced energy consumption in the organic food chain (e.g., limitations on greenhouse heating/cooling, processing and packaging, food miles combined with life cycle assessment). The advantage of organic systems is that they are driven by aware consumers and that they already carry a guarantee system of veriﬁcation and labeling which is consonant with climate labeling113 . The highest mitigation potential of organic agriculture lies in carbon sequestration in soils and in reduced clearing of primary ecosystems. The total amount of mitigation is difﬁcult to quantify, because it is highly dependent on local environmental conditions and management practices. Should all agricultural systems be managed organically, the omission of mineral fertilizer production and application is estimated to reduce the agricultural GHG emissions by about 20% — 10% caused by reduced N2 O emissions and about 10% by lower energy demand. These avoided emissions are supplemented by an emission compensation potential through carbon sequestration in croplands and grasslands of about 40–72% of the current annual agricultural GHG emissions76. However, further research is needed to conﬁrm these ﬁgures, as long-term scientiﬁc studies are limited and do not apply to different kinds of soils, climates and practices. To date, most of the research on the mitigation potential of agricultural practices has been carried out in developed countries; dedicated investigations are needed to assess and understand the mitigation potential in tropical and subtropical areas and under the predominant management practices of developing countries. More importantly, the adaptation aspects of organic agricultural practices must be the focus of public policies and research. One of the main effects of climate change is an increase of uncertainties, both for weather events and global food markets. Organic agriculture has a strong potential for building resilience in the face of climate variability (Table 2). The total abstention from synthetic inputs in organic agriculture has been a strong incentive to develop agricultural management practices that optimize the natural production potential of speciﬁc agro-ecosystems, based on traditional knowledge and modern research. These strategies can be used to enhance agricultural communities that have no access to purchased inputs, which is the case of the majority of the rural poor. The main organic strategies are diversiﬁcation and an increase of soil organic matter, which both could enhance resilience against extreme weather events and are recommended by the IPCC. These strategies have, in particular, a high potential to enhance the productivity of degraded soils, especially in marginal areas, while enhancing soil carbon sequestration. The adaptive approach inherent to organic agriculture offers simultaneous climate mitigation beneﬁts. Finally, certiﬁed organic products cater for higher income options for producers and hence a market-based incentive for environmental stewardship. The scaling-up of organic agriculture would promote and support climatefriendly farming practices worldwide. However, investments in research and development of organic agriculture are needed to better unlock its potential and application on a large scale.

**Warming causes extinction and the threshold is soon**

**Roberts 13** – citing the World Bank Review’s compilation of climate studies - 4 degree projected warming, can’t adapt - heat wave related deaths, forest fires, crop production, water wars, ocean acidity, sea level rise, climate migrants, biodiversity loss. ("If you aren’t alarmed about climate, you aren’t paying attention", January 10, 2013, [http://grist.org/climate-energy/climate-alarmism-the-idea-is-surreal](http://grist.org/climate-energy/climate-alarmism-the-idea-is-surreal/~~))

We know we’ve raised global average temperatures around 0.8 degrees C so far. We know that 2 degrees C is where most scientists predict catastrophic and irreversible impacts. And we know that we are currently on a trajectory that will push temperatures up 4 degrees or more by the end of the century. What would 4 degrees look like? A recent [World Bank review of the science](http://climatechange.worldbank.org/) reminds us. First, it’ll get hot: Projections for a 4°C world show a dramatic increase in the intensity and frequency of high-temperature extremes. Recent extreme heat waves such as in Russia in 2010 are likely to become the new normal summer in a 4°C world. Tropical South America, central Africa, and all tropical islands in the Pacific are likely to regularly experience heat waves of unprecedented magnitude and duration. In this new high-temperature climate regime, the coolest months are likely to be substantially warmer than the warmest months at the end of the 20th century. In regions such as the Mediterranean, North Africa, the Middle East, and the Tibetan plateau, almost all summer months are likely to be warmer than the most extreme heat waves presently experienced. For example, the warmest July in the Mediterranean region could be 9°C warmer than today’s warmest July. Extreme heat waves in recent years have had severe impacts, causing heat-related deaths, forest fires, and harvest losses. The impacts of the extreme heat waves projected for a 4°C world have not been evaluated, but they could be expected to vastly exceed the consequences experienced to date and potentially **exceed the adaptive capacities of many societies and natural systems**. [my emphasis] Warming to 4 degrees would also lead to “an increase of about 150 percent in acidity of the ocean,” leading to levels of acidity “unparalleled in Earth’s history.” That’s bad news for, say, coral reefs: The combination of thermally induced bleaching events, ocean acidification, and sea-level rise threatens large fractions of coral reefs even at 1.5°C global warming. The regional extinction of entire coral reef ecosystems, which could occur well before 4°C is reached, would have profound consequences for their dependent species and for the people who depend on them for food, income, tourism, and shoreline protection. It will also “likely lead to a sea-level rise of 0.5 to 1 meter, and possibly more, by 2100, with several meters more to be realized in the coming centuries.” That rise won’t be spread evenly, even within regions and countries — regions close to the equator will see even higher seas. There are also indications that it would “significantly exacerbate existing water scarcity in many regions, particularly northern and eastern Africa, the Middle East, and South Asia, while additional countries in Africa would be newly confronted with water scarcity on a national scale due to population growth.” Also, more extreme weather events: Ecosystems will be affected by more frequent extreme weather events, such as forest loss due to droughts and wildfire exacerbated by land use and agricultural expansion. In Amazonia, forest fires could as much as double by 2050 with warming of approximately 1.5°C to 2°C above preindustrial levels. Changes would be expected to be even more severe in a 4°C world. Also loss of biodiversity and ecosystem services: In a 4°C world, climate change seems likely to become the dominant driver of ecosystem shifts, surpassing habitat destruction as the greatest threat to biodiversity. Recent research suggests that large-scale loss of biodiversity is likely to occur in a 4°C world, with climate change and high CO2 concentration driving a transition of the Earth’s ecosystems into a state unknown in human experience. Ecosystem damage would be expected to dramatically reduce the provision of ecosystem services on which society depends (for example, fisheries and protection of coastline afforded by coral reefs and mangroves.) New research also indicates a “rapidly rising risk of crop yield reductions as the world warms.” So food will be tough. All this will add up to “large-scale displacement of populations and have adverse consequences for human security and economic and trade systems.” Given the uncertainties and long-tail risks involved, “there is no certainty that adaptation to a 4°C world is possible.” There’s a small but non-trivial chance of advanced civilization breaking down entirely. Now ponder the fact that some scenarios show us going up to 6degrees by the end of the century, a level of devastation we have not studied and barely know how to conceive. Ponder the fact that somewhere along the line, though we don’t know exactly where, enough self-reinforcing feedback loops will be running to make climate change unstoppable and irreversible for centuries to come. That would mean handing our grandchildren and their grandchildren not only a **burned, chaotic, denuded world**, but a world that is inexorably more inhospitable with every passing decade.

**Warming is *real* and *anthropogenic*—reject skeptics**

Prothero 12 – Donald R. Prothero is a Professor of Geology at Occidental College and Lecturer in Geobiology at the California Institute of Technology. (“How We Know Global Warming is Real and Human Caused”, 3/1/2012, http://www.skeptic.com/eskeptic/12-02-08/)

How do we know that global warming is real and primarily human caused? There are numerous lines of evidence that converge to this conclusion. Carbon Dioxide Increase. Carbon dioxide in our atmosphere has increased at an unprecedented rate in the past 200 years. Not one data set collected over a long enough span of time shows otherwise. Mann et al. (1999) compiled the past 900 years’ worth of temperature data from tree rings, ice cores, corals, and direct measurements of the past few centuries, and the sudden increase of temperature of the past century stands out like a sore thumb. This famous graph (see Figure 1 above) is now known as the “hockey stick” because it is long and straight through most of its length, then bends sharply upward at the end like the blade of a hockey stick. Other graphs show that climate was very stable within a narrow range of variation through the past 1000, 2000, or even 10,000 years since the end of the last Ice Age. There were minor warming events during the Climatic Optimum about 7000 years ago, the Medieval Warm Period, and the slight cooling of the Little Ice Age from the 1700s and 1800s. But the magnitude and rapidity of the warming represented by the last 200 years is simply unmatched in all of human history. More revealing, the timing of this warming coincides with the Industrial Revolution, when humans first began massive deforestation and released carbon dioxide by burning coal, gas, and oil.

Melting Polar Ice Caps. The polar icecaps are thinning and breaking up at an alarming rate. In 2000, my former graduate advisor Malcolm McKenna was one of the first humans to fly over the North Pole in summer time and see no ice, just open water. The Arctic ice cap has been frozen solid for at least the past 3 million years and maybe longer3, but now the entire ice sheet is breaking up so fast that by 2030 (and possibly sooner) less than half of the Arctic will be ice covered in the summer.4 As one can see from watching the news, this is an ecological disaster for everything that lives up there, from the polar bears to the seals and walruses to the animals they feed upon, to the 4 million people whose world is melting beneath their feet. The Antarctic is thawing even faster. In February–March 2002, the Larsen B ice shelf—over 3000 square km (the size of Rhode Island) and 220 m (700 feet) thick—broke up in just a few months, a story typical of nearly all the ice shelves in Antarctica. The Larsen B shelf had survived all the previous ice ages and interglacial warming episodes for the past 3 million years, and even the warmest periods of the last 10,000 years—yet it and nearly all the other thick ice sheets on the Arctic, Greenland, and Antarctic are vanishing at a rate never before seen in geologic history.

Melting Glaciers. Glaciers are all retreating at the highest rates ever documented. Many of those glaciers, especially in the Himalayas, Andes, Alps, and Sierras, provide most of the freshwater that the populations below the mountains depend upon—yet this fresh water supply is vanishing. Just think about the percentage of world’s population in southern Asia (especially India) that depend on Himalayan snowmelt for their fresh water. The implications are staggering. The permafrost that once remained solidly frozen even in the summer has now thawed, damaging the Inuit villages on the Arctic coast and threatening all our pipelines to the North Slope of Alaska. This is catastrophic not only for life on the permafrost, but as it thaws, the permafrost releases huge amounts of greenhouse gases and is one of the major contributors to global warming. Not only is the ice vanishing, but we have seen record heat waves over and over again, killing thousands of people, as each year joins the list of the hottest years on record. (2010 just topped that list as the hottest year, surpassing the previous record in 2009, and we shall know about 2011 soon enough). Natural animal and plant populations are being devastated all over the globe as their environment changes.5 Many animals respond by moving their ranges to formerly cold climates, so now places that once did not have to worry about disease-bearing mosquitoes are infested as the climate warms and allows them to breed further north.

Sea Level Rise. All that melted ice eventually ends up in the ocean, causing sea level to rise, as it has many times in the geologic past. At present, sea level is rising about 3–4 mm per year, more than ten times the rate of 0.1–0.2 mm/year that has occurred over the past 3000 years. Geological data show that sea level was virtually unchanged over the past 10,000 years since the present interglacial began. A few millimeters here or there doesn’t impress people, until you consider that the rate is accelerating and that most scientists predict sea level will rise 80–130 cm in just the next century. A sea level rise of 1.3 m (almost 4 feet) would drown many of the world’s low-elevation cities, such as Venice and New Orleans, and low-lying countries such as the Netherlands or Bangladesh. A number of tiny island nations such as Vanuatu and the Maldives, which barely poke out above the ocean now, are already vanishing beneath the waves. Eventually their entire population will have to move someplace else.6 Even a small sea level rise might not drown all these areas, but they are much more vulnerable to the large waves of a storm surge (as happened with Hurricane Katrina), which could do much more damage than sea level rise alone. If sea level rose by 6 m (20 feet), most of the world’s coastal plains and low-lying areas (such as the Louisiana bayous, Florida, and most of the world’s river deltas) would be drowned.

Most of the world’s population lives in coastal cities such as New York, Boston, Philadelphia, Baltimore, Washington, D.C., Miami, Shanghai, and London. All of those cities would be partially or completely under water with such a sea level rise. If all the glacial ice caps melted completely (as they have several times before during past greenhouse episodes in the geologic past), sea level would rise by 65 m (215 feet)! The entire Mississippi Valley would flood, so you could dock your boat in Cairo, Illinois. Such a sea level rise would drown nearly every coastal region under hundreds of feet of water, and inundate New York City, London and Paris. All that would remain would be the tall landmarks, such as the Empire State Building, Big Ben, and the Eiffel Tower. You could tie your boats to these pinnacles, but the rest of these drowned cities would be deep under water.

Climate Deniers’ Arguments and Scientists’ Rebuttals

Despite the overwhelming evidence there are many people who remain skeptical. One reason is that they have been fed lies, distortions, and misstatements by the global warming denialists who want to cloud or confuse the issue. Let’s examine some of these claims in detail:

“It’s just natural climatic variability.” No, it is not. As I detailed in my 2009 book, Greenhouse of the Dinosaurs, geologists and paleoclimatologists know a lot about past greenhouse worlds, and the icehouse planet that has existed for the past 33 million years. We have a good understanding of how and why the Antarctic ice sheet first appeared at that time, and how the Arctic froze over about 3.5 million years ago, beginning the 24 glacial and interglacial episodes of the “Ice Ages” that have occurred since then. We know how variations in the earth’s orbit (the Milankovitch cycles) controls the amount of solar radiation the earth receives, triggering the shifts between glacial and interglacial periods. Our current warm interglacial has already lasted 10,000 years, the duration of most previous interglacials, so if it were not for global warming, we would be headed into the next glacial in the next 1000 years or so. Instead, our pumping greenhouse gases into our atmosphere after they were long trapped in the earth’s crust has pushed the planet into a “super-interglacial,” already warmer than any previous warming period. We can see the “big picture” of climate variability most clearly in the EPICA cores from Antarctica (see Figure 2 below), which show the details of the last 650,000 years of glacial-interglacial cycles. At no time during any previous interglacial did the carbon dioxide levels exceed 300 ppm, even at their very warmest. Our atmospheric carbon dioxide levels are already close to 400 ppm today. The atmosphere is headed to 600 ppm within a few decades, even if we stopped releasing greenhouse gases immediately. This is decidedly not within the normal range of “climatic variability,” but clearly unprecedented in human history. Anyone who says this is “normal variability” has never seen the huge amount of paleoclimatic data that show otherwise. “It’s just another warming episode, like the Mediaeval Warm Period, or the Holocene Climatic Optimum” or the end of the Little Ice Age.” Untrue. There were numerous small fluctuations of warming and cooling over the last 10,000 years of the Holocene. But in the case of the Mediaeval Warm Period (about 950–1250 A.D.), the temperatures increased by only 1°C, much less than we have seen in the current episode of global warming (see Figure 1). This episode was also only a local warming in the North Atlantic and northern Europe. Global temperatures over this interval did not warm at all, and actually cooled by more than 1°C. Likewise, the warmest period of the last 10,000 years was the Holocene Climatic Optimum (5000–9000 B.C.) when warmer and wetter conditions in Eurasia caused the rise of the first great civilizations in Egypt, Mesopotamia, the Indus Valley, and China. This was largely a Northern Hemisphere-Eurasian phenomenon, with 2–3°C warming in the Arctic and northern Europe. But there was almost no warming in the tropics, and cooling or no change in the Southern Hemisphere.7 To the Eurocentric world, these warming events seemed important, but on a global scale the effect is negligible. In addition, neither of these warming episodes is related to increasing greenhouse gases. The Holocene Climatic Optimum, in fact, is predicted by the Milankovitch cycles, since at that time the axial tilt of the earth was 24°, its steepest value, meaning the Northern Hemisphere got more solar radiation than normal—but the Southern Hemisphere less, so the two balanced. By contrast, not only is the warming observed in the last 200 years much greater than during these previous episodes, but it is also global and bipolar, so it is not a purely local effect. The warming that ended the Little Ice Age (from the mid-1700s to the late 1800s) was due to increased solar radiation prior to 1940. Since 1940, however, the amount of solar radiation has been dropping, so the only candidate for the post-1940 warming has to be carbon dioxide.8

“It’s just the sun, or cosmic rays, or volcanic activity or methane.” **Nope**, sorry. The amount of heat that the sun provides has been decreasing since 19409, just the opposite of the denialists’ claims. There is no evidence (see Figure 3 below) of increase in cosmic radiation during the past century.10 Nor is there any clear evidence that large-scale volcanic events (such as the 1815 eruption of Tambora in Indonesia, which changed global climate for about a year) have any long-term effect that would explain 200 years of warming and carbon dioxide increase. Volcanoes erupt only 0.3 billion tonnes of carbon dioxide each year, but humans emit over 29 billion tonnes a year11, roughly 100 times as much. Clearly, we have a bigger effect. Methane is a more powerful greenhouse gas, but there is 200 times more carbon dioxide than methane, so carbon dioxide is still the most important agent.12 Every other alternative has been looked at, but the only clear-cut relationship is between human-caused carbon dioxide increase and global warming. “The climate records since 1995 (or 1998) show cooling.” That’s a deliberate deception. People who throw this argument out are cherry-picking the data.13 Over the short term, there was a slight cooling trend from 1998–2000 (see Figure 4 below), because 1998 was a record-breaking El Niño year, so the next few years look cooler by comparison. But since 2002, the overall long-term trend of warming is unequivocal. This statement is a clear-cut case of using out-of-context data in an attempt to deny reality. All of the 16 hottest years ever recorded on a global scale have occurred in the last 20 years. They are (in order of hottest first): 2010, 2009, 1998, 2005, 2003, 2002, 2004, 2006, 2007, 2001, 1997, 2008, 1995, 1999, 1990, and 2000.14 In other words, every year since 2000 has been in the Top Ten hottest years list, and the rest of the list includes 1995, 1997, 1998, 1999, and 2000. Only 1996 failed to make the list (because of the short-term cooling mentioned already).

“We had record snows in the winters of 2009–2010, and in 2010–2011.” So what? This is nothing more than the difference between weather (short-term seasonal changes) and climate (the long-term average of weather over decades and centuries and longer). Our local weather tells us nothing about another continent, or the global average; it is only a local effect, determined by short-term atmospheric and oceanographic conditions.15 In fact, warmer global temperatures mean more moisture in the atmosphere, which increases the intensity of normal winter snowstorms. In this particular case, the climate denialists forget that the early winter of November–December 2009 was actually very mild and warm, and then only later in January and February did it get cold and snow heavily. That warm spell in early winter helped bring more moisture into the system, so that when cold weather occurred, the snows were worse. In addition, the snows were unusually heavy only in North America; the rest of the world had different weather, and the global climate was warmer than average. And the summer of 2010 was the hottest on record, breaking the previous record set in 2009.

“Carbon dioxide is good for plants, so the world will be better off.” Who do they think they’re kidding? The people who promote this idea clearly don’t know much global geochemistry, or are trying to cynically take advantage of the fact that most people are ignorant of science. The Competitive Enterprise Institute (funded by oil and coal companies and conservative foundations16) has run a series of shockingly stupid ads concluding with the tag line “Carbon dioxide: they call it pollution, we call it life.” Anyone who knows the basic science of earth’s atmosphere can spot the deceptions in this ad.17 Sure, plants take in carbon dioxide that animals exhale, as they have for millions of years. But the whole point of the global warming evidence (as shown from ice cores) is that the delicate natural balance of carbon dioxide has been thrown out of whack by our production of too much of it, way in excess of what plants or the oceans can handle. As a consequence, the oceans are warming18 and absorbing excess carbon dioxide making them more acidic. Already we are seeing a shocking decline in coral reefs (“bleaching”) and extinctions in many marine ecosystems that can’t handle too much of a good thing. Meanwhile, humans are busy cutting down huge areas of temperate and tropical forests, which not only means there are fewer plants to absorb the gas, but the slash and burn practices are releasing more carbon dioxide than plants can keep up with. There is much debate as to whether increased carbon dioxide might help agriculture in some parts of the world, but that has to be measured against the fact that other traditional “breadbasket” regions (such as the American Great Plains) are expected to get too hot to be as productive as they are today. The latest research19 actually shows that increased carbon dioxide inhibits the absorption of nitrogen into plants, so plants (at least those that we depend upon today) are not going to flourish in a greenhouse world. Anyone who tells you otherwise is ignorant of basic atmospheric science.

“I agree that climate is changing, but I’m skeptical that humans are the main cause, so we shouldn’t do anything.” This is just fence sitting. A lot of reasonable skeptics deplore the “climate denialism” of the right wing, but still want to be skeptical about the cause. If they want proof, they can examine the huge array of data that directly points to humans causing global warming.20 We can directly measure the amount of carbon dioxide humans are producing, and it tracks exactly with the amount of increase in atmospheric carbon dioxide. Through carbon isotope analysis, we can show that this carbon dioxide in the atmosphere is coming directly from our burning of fossil fuels, not from natural sources. We can also measure oxygen levels that drop as we produce more carbon that then combines with oxygen to produce carbon dioxide. We have satellites in space that are measuring the heat released from the planet and can actually see the atmosphere get warmer. The most crucial proof emerged only in the past few years: climate models of the greenhouse effect predict that there should be cooling in the stratosphere (the upper layer of the atmosphere above 10 km (6 miles) in elevation, but warming in the troposphere (the bottom layer of the atmosphere below 10 km (6 miles), and that’s exactly what our space probes have measured. Finally, we can rule out any other culprits (see above): solar heat is decreasing since 1940, not increasing, and there are no measurable increases in cosmic radiation, methane, volcanic gases, or any other potential cause. Face it—it’s our problem.

Why Do People Deny Climate Change? Thanks to all the noise and confusion over the debate, the general public has only a vague idea of what the debate is really about, and only about half of Americans think global warming is real or that we are to blame.21 As in the debate over evolution and creationism, the scientific community is virtually unanimous on what the data demonstrate about anthropogenic global warming. This has been true for over a decade. When science historian Naomi Oreskes surveyed all peer-reviewed papers on climate change published between 1993 and 2003 in the world’s leading scientific journal, Science, she found that there were 980 supporting the idea of human-induced global warming and none opposing it. In 2009, Doran and Kendall Zimmerman23 surveyed all the climate scientists who were familiar with the data. They found that 95–99% agreed that global warming is real and that humans are the reason. In 2010, the prestigious Proceedings of the National Academy of Sciences published a study that showed that 98% of the scientists who actually do research in climate change are in agreement with anthropogenic global warming.24 Every major scientific organization in the world has endorsed the conclusion of anthropogenic climate change as well. This is a rare degree of agreement within such an independent and cantankerous group as the world’s top scientists. This is the same degree of scientific consensus that scientists have achieved over most major ideas, including **gravity, evolution, and relativity.** These and only a few other topics in science can claim this degree of agreement among nearly all the world’s leading scientists, especially among everyone who is close to the scientific data and knows the problem intimately. If it were not such a controversial topic politically, there would be almost no interest in debating it, since the evidence is so clear-cut. If the climate science community speaks with one voice (as in the 2007 IPCC report, and every report since then), why is there still any debate at all? The answer has been revealed by a number of investigations by diligent reporters who got past the PR machinery denying global warming, and uncovered the money trail. Originally, there was no real “dissenters” to the idea of global warming by scientists who are actually involved with climate research. Instead, the forces with vested interests in denying global climate change (the energy companies, and the “free-market” advocates) followed the strategy of tobacco companies: create a smokescreen of confusion and prevent the American public from recognizing scientific consensus. As the famous memo25 from the tobacco lobbyists said “Doubt is our product.” The denialists generated an anti-science movement entirely out of thin air and PR. The evidence for this PR conspiracy has been well documented in numerous sources. For example, Oreskes and Conway revealed from memos leaked to the press that in April 1998 the right-wing Marshall Institute, SEPP (Fred Seitz’s lobby that aids tobacco companies and polluters), and ExxonMobil, met in secret at the American Petroleum Institute’s headquarters in Washington, D.C. There they planned a $20 million campaign to get “respected scientists” to cast doubt on climate change, get major PR efforts going, and lobby Congress that global warming isn’t real and is not a threat.

The right-wing institutes and the energy lobby beat the bushes to find scientists—any scientists—who might disagree with the scientific consensus. As investigative journalists and scientists have documented over and over again,26 the denialist conspiracy essentially paid for the testimony of anyone who could be useful to them. The day that the 2007 IPCC report was released (Feb. 2, 2007), the British newspaper The Guardian reported that the conservative American Enterprise Institute (funded largely by oil companies and conservative think tanks) had offered $10,000 plus travel expenses to scientists who would write negatively about the IPCC report.27

We are accustomed to the hired-gun “experts” paid by lawyers to muddy up the evidence in the case they are fighting, but this is extraordinary—buying scientists outright to act as shills for organizations trying to deny scientific reality. With this kind of money, however, you can always find a fringe scientist or crank or someone with no relevant credentials who will do what they’re paid to do. The NCSE satirized this tactic of composing phony “lists of scientists” with their “Project Steve.”28 They showed that there were more scientists named “Steve” than their entire list of “scientists who dispute evolution.” It may generate lots of PR and a smokescreen to confuse the public, but it doesn’t change the fact that scientists who actually do research in climate change are unanimous in their insistence that anthropogenic global warming is a real threat. Most scientists I know and respect work very hard for little pay, yet they still cannot be paid to endorse some scientific idea they know to be false.

The climate deniers have a lot of other things in common with creationists and other anti-science movements. They too like to quote someone out of context (“quote mining”), finding a short phrase in the work of legitimate scientists that seems to support their position. But when you read the full quote in context, it is obvious that they have used the quote inappropriately. The original author meant something that does not support their goals. The “Climategate scandal” is a classic case of this. It started with a few stolen emails from the Climate Research Unit of the University of East Anglia. If you read the complete text of the actual emails29 and comprehend the scientific shorthand of climate scientists who are talking casually to each other, it is clear that there was no great “conspiracy” or that they were faking data. All six subsequent investigations have cleared Philip Jones and the other scientists of the University of East Anglia of any wrongdoing or conspiracy.30

Even if there had been some conspiracy on the part of these few scientists, there is no reason to believe that the entire climate science community is secretly working together to generate false information and mislead the public. If there’s one thing that is clear about science, it’s about competition and criticism, not conspiracy and collusion. Most labs are competing with each other, not conspiring together. If one lab publishes a result that is not clearly defensible, other labs will quickly correct it. As James Lawrence Powell wrote31:

Scientists….show no evidence of being more interested in politics or ideology than the average American. Does it make sense to believe that tens of thousands of scientists would be so deeply and secretly committed to bringing down capitalism and the American way of life that they would spend years beyond their undergraduate degrees working to receive master’s and Ph.D. degrees, then go to work in a government laboratory or university, plying the deep oceans, forbidding deserts, icy poles, and torrid jungles, all for far less money than they could have made in industry, all the while biding their time like a Russian sleeper agent in an old spy novel? Scientists tend to be independent and resist authority. That is why you are apt to find them in the laboratory or in the field, as far as possible from the prying eyes of a supervisor. Anyone who believes he could organize thousands of scientists into a conspiracy has never attended a single faculty meeting.

There are many more traits that the climate deniers share with the creationists and Holocaust deniers and others who distort the truth. They pick on small disagreements between different labs as if scientists can’t get their story straight, when in reality there is always a fair amount of give and take between competing labs as they try to get the answer right before the other lab can do so. The key point here is that when all these competing labs around the world have reached a consensus and get the same answer, there is no longer any reason to doubt their common conclusion. The anti-scientists of climate denialism will also point to small errors by individuals in an effort to argue that the entire enterprise cannot be trusted. It is true that scientists are human, and do make mistakes, but the great power of the scientific method is that peer review weeds these out, so that when scientists speak with consensus, there is no doubt that their data are checked carefully.

Finally, a powerful line of evidence that this is a purely political controversy, rather than a scientific debate, is that the membership lists of the creationists and the climate deniers are highly overlapping. Both anti-scientific dogmas are fed to their overlapping audiences through right-wing media such as Fox News, Glenn Beck, and Rush Limbaugh. Just take a look at the “intelligent-design” creationism website for the Discovery Institute. Most of the daily news items lately have nothing to do with creationism at all, but are focused on climate denial and other right-wing causes.32

If the data about global climate change are indeed valid and robust, any qualified scientist should be able to look at them and see if the prevailing scientific interpretation holds up. Indeed, such a test took place. Starting in 2010, a group led by U.C. Berkeley physicist Richard Muller re-examined all the temperature data from the NOAA, East Anglia Hadley Climate Research Unit, and the Goddard Institute of Space Science sources (see Figure 5 below). Even though Muller started out as a skeptic of the temperature data, and was funded by the Koch brothers and other oil company sources, he carefully checked and re-checked the research himself. When the GOP leaders called him to testify before the House Science and Technology Committee in spring 2011, they were expecting him to discredit the temperature data. Instead, Muller shocked his GOP sponsors by demonstrating his scientific integrity and telling the truth: the temperature increase is real, and the scientists who have demonstrated that the climate is changing are right. In the fall of 2011, his study was published, and the conclusions were clear: global warming is real, even to a right-wing skeptical scientist. Unlike the hired-gun scientists who play political games, Muller did what a true scientist should do: if the data go against your biases and preconceptions, then do the right thing and admit it—even if you’ve been paid by sponsors who want to discredit global warming. Muller is a shining example of a scientist whose integrity and honesty came first, and did not sell out to the highest bidder. Science and Anti-Science

## 2AC

### 2AC—OFAC CP

#### Perm do the counterplan

#### OFAC links to politics and doesn’t solve

John McAuliff 1/22/2012 (Director of the Fund for Reconciliation and Development, "One Year On: the Semi-opening of Cuba Travel" thehavananote.com/2012/01/one\_year\_semi\_opening\_cuba\_travel)

A major error by the White House was to leave too much discretion in the hands of OFAC, **the understaffed inherently distrustful embargo** enforcement arm of the Treasury Department. OFAC is proving to be a **choke point rather than a facilitator,** perhaps made ever more cautious by **rising complaints from hard line opponents** of travel in Congress.

Based just on our organization's sequential numbering, OFAC received between our first attempt of February 24 (CT-17448) and our sixth revision of January 11 (CT-18987) a total of 1539 applications in less than eleven months. We don't know how many have been rejected, or are in the limbo of “pending”.

As one attorney wrote: **it's a bureaucratic black hole**. it requires persistence. For instance, the regs state clearly one can apply "by letter", and I did, following carefully the instructions. When, months after submitting it, OFAC said it was waiting for my application form, I pointed out that the regs state the application can be by letter. No response yet. With another applicant they said the sample itinerary did not show enough "intimate people contact", which is a mystery because there was clearly all sorts of people contact daily.

#### Perm do both

#### Shut down because of the shutdown—how do they give licenses out

#### Helms-burton which was the 1996 act that codified the embargo—still gives the Cuban government legitimacy which means it doesn’t solve the top-down shift which is the reason that there

#### The plan solves Iran sanctions—prevents crisis—counterpan doesn’t bc in cx they said they give licenses to EVERYONE

Johnson et al 10 – Andy Johnson, Director, National Security Program, Kyle Spector, Policy Advisor, National Security Program, Kristina Lilac, National Security Program, Senior Fellows of The Third Way Institute, (“End the Embargo of Cuba”, Article for The Third Way Institute, 9/16/10, <http://content.thirdway.org/publications/326/Third_Way_Memo_-_End_the_Embargo_of_Cuba.pdf>, Accessed 7/02/13)

Keeping the embargo in place requires that the US government devote time and resources to fighting a Cold War -8 era threat. Senator Chris Dodd argued in a 2005 op ed that the US spends “extraordinary resources” each year to enforce the sanctions instead of devoting such resources to the fight against terrorism. 4 While the financial resources dedicated to enforcing the embargo may be limited compared to resources dedicated to other causes, lifting the Cuban embargo could put the US in a better position to fight terrorist organizations by freeing up resources currently enforcing the embargo. For example, the Treasury Department’s Office of Foreign Assets Control (OFAC), which governs travel and trade between the US and Cuba, is also responsible for maintaining sanctions against truly problematic countries, including Iran and North Korea. OFAC also is responsible for responding to economic threats posed by terrorist organizations and narcotics traffickers. By ending OFAC’s need to regulate the Cuban embargo, OFAC could instead devote those resources to respond to the current threats posed by rogue states and terrorist networks

#### Nuclear war

Jeffrey Goldberg 12, Bloomberg View columnist and a national correspondent for the Atlantic, January 23, 2012, “How Iran Could Trigger Accidental Armageddon,” online: http://www.bloomberg.com/news/2012-01-24/how-iran-may-trigger-accidental-armageddon-commentary-by-jeffrey-goldberg.html

The experts who study this depressing issue seem to agree that a Middle East in which Iran has four or five nuclear weapons would be dangerously unstable and prone to warp-speed escalation.¶ Here’s one possible scenario for the not-so-distant future: Hezbollah, Iran’s Lebanese proxy, launches a cross-border attack into Israel, or kills a sizable number of Israeli civilians with conventional rockets. Israel responds by invading southern Lebanon, and promises, as it has in the past, to destroy Hezbollah. Iran, coming to the defense of its proxy, warns Israel to cease hostilities, and leaves open the question of what it will do if Israel refuses to heed its demand.¶ Dennis Ross, who until recently served as President Barack Obama’s Iran point man on the National Security Council, notes Hezbollah’s political importance to Tehran. “The only place to which the Iranian government successfully exported the revolution is to Hezbollah in Lebanon,” Ross told me. “If it looks as if the Israelis are going to destroy Hezbollah, you can see Iran threatening Israel, and they begin to change the readiness of their forces. This could set in motion a chain of events that would be like ‘Guns of August’ on steroids.”¶ Imagine that Israel detects a mobilization of Iran’s rocket force or the sudden movement of mobile missile launchers. Does Israel assume the Iranians are bluffing, or that they are not? And would Israel have time to figure this out? Or imagine the opposite: Might Iran, which will have no second-strike capability for many years -- that is, no reserve of nuclear weapons to respond with in an exchange -- feel compelled to attack Israel first, knowing that it has no second chance?¶ Bruce Blair, the co-founder of the nuclear disarmament group Global Zero and an expert on nuclear strategy, told me that in a sudden crisis Iran and Israel might each abandon traditional peacetime safeguards, making an accidental exchange more likely.¶ “A confrontation that brings the two nuclear-armed states to a boiling point would likely lead them to raise the launch- readiness of their forces -- mating warheads to delivery vehicles and preparing to fire on short notice,” he said. “Missiles put on hair-trigger alert also obviously increase the danger of their launch and release on false warning of attack -- false indications that the other side has initiated an attack.”¶ Then comes the problem of misinterpreted data, Blair said. “ntelligence failures in the midst of a nuclear crisis could readily lead to a false impression that the other side has decided to attack, and induce the other side to launch a preemptive strike.”¶ ‘Cognitive Bias’¶ Blair notes that in a crisis it isn’t irrational to expect an attack, and this expectation makes it more likely that a leader will read the worst into incomplete intelligence. “This predisposition is a cognitive bias that increases the danger that one side will jump the gun on the basis of incorrect information,” he said.¶ Ross told me that Iran’s relative proximity to Israel and the total absence of ties between the two countries -- the thought of Iran agreeing to maintain a hot line with a country whose existence it doesn’t recognize is far-fetched -- make the situation even more hazardous. “This is not the Cold War,” he said. “In this situation we don’t have any communications channels. Iran and Israel have zero communications. And even in the Cold War we nearly had a nuclear war. We were much closer than we realized.”¶ The answer to this predicament is to deny Iran nuclear weapons, but not through an attack on its nuclear facilities, at least not now. “The liabilities of preemptive attack on Iran’s nuclear program vastly outweigh the benefits,” Blair said. “But certainly Iran’s program must be stopped before it reaches fruition with a nuclear weapons delivery capability.”

#### Condo

### 2AC—Neoliberalism

#### The affirmative should win if the results of the imagined plan action are good—that’s specifically true in the context of trade in Latin America

Giordano and Li 12 – \*Paolo, PhD in Economics from the Institut d'Etudes Politiques de Paris, Lead Economist @ the Integratoin and Trade Sector of the IADB, \*\*Kun, Research Fellow @ IADB (“An Updated Assessment of the Trade and Poverty Nexus in Latin America,” p. 375-377)

Despite the move towards more open trade regimes, Latin American economies are still ¶ relatively closed to international trade. Under the pressure of globalisation, it is likely that in the ¶ coming years the region will need to open further and adjust to compete in an increasingly ¶ challenging global environment. Latin America being one of the most unequal regions of the ¶ world, the assessment of the trade and poverty nexus is crucial to devise policies aiming at ¶ better distributing the gains from trade. Latin America-specific research on this topic will ¶ provide policymakers and stakeholders with evidence necessary to underpin a debate which ¶ seems to be nurtured more by anxiety than rigorous knowledge. ¶ In this light, it is useful to refer to a few conclusions with the aim of building up a solid base ¶ for policy debates and future research.¶ There is a gap in the availability of methodologies to explore the link between macro policy ¶ reforms like trade liberalisation and micro-economic determinants of welfare and poverty. It is ¶ therefore crucial to invest in the generation of data and research techniques, to adapt the ¶ research agenda to the specificity of Latin America and to consider qualitative issues that are ¶ difficult to measure. Meanwhile, normative statements referring to the trade policy nexus should ¶ cautiously consider the limitations of current positive knowledge.¶ Trade openness, inequality and poverty are wide multidimensional concepts. Measuring and ¶ attributing causal relations among these variables without carefully qualifying the specific ¶ dimensions explored or the particular transmission mechanisms at play may be misleading. It is ¶ important to disentangle the specific dimension of the trade and poverty nexus from the wider ¶ debate on globalisation and financial integration, the competing concepts of relative and ¶ absolute inequality and the objective and subjective dimension of poverty and deprivation.¶ Despite the impossibility to rigorously and unambiguously assert that trade openness is ¶ conducive to growth and poverty reduction, the preponderance of evidence supports this ¶ conclusion. However, the majority of empirical macro studies also show that the impact of trade ¶ on growth and poverty is also generally small and that the causes of indigence are to be found ¶ elsewhere. But it is in fact extremely arduous to find evidence that supports the notion that trade ¶ protection is good for the poor. The question is therefore how to make trade and growth more ¶ pro-poor and not how to devise improbable alternatives to trade integration aiming at improving ¶ the livelihood of the poor.¶ Specific evidence on Latin America reveals that deductive generalisations of the neoclassical ¶ trade theory and global cross-country empirical studies may be of little help in 0-0-understanding ¶ the trade and poverty nexus in the region. Several factors may explain why the integration of ¶ Latin America into the global economy may not necessarily bring about rising wages of ¶ unskilled workers and poverty reduction. The most compelling arguments are related to the ¶ existence of rigidities in the labour markets, the historical pattern of protection that created rents ¶ in unskilled intensive sectors, the emergence of low wage countries such as China and India that ¶ shifts the comparative advantage of Latin American economies, and institutional factors that ¶ protract the effects of an initial unequal distribution of factor endowments against the poor.¶ Trade liberalisation may in fact be associated with rising inequality. But country case studies ¶ present contrasting indications. Although there is some evidence of rising inequality in the ¶ aftermath of trade opening, such as in the case of Mexico, Colombia, Argentina and Chile, it ¶ seems that the specific effects of trade liberalisation are small or indirect. Skill-biased technical ¶ change, often directly related with the increase of foreign direct investment or with capital ¶ account liberalisation, seems to have a stronger explanatory power than trade liberalisation. ¶ There is also little evidence that trade opening has generated more informality. On the other ¶ hand, the case of Brazil, where trade liberalisation seems to have contributed to the reduction of ¶ wage inequality, is illustrative of the conditions under which trade reforms may have ¶ progressive distributive effects¶ The empirical analysis addressing the direct effect of trade integration on poverty reveals a ¶ similar landscape. Trade integration seems to be good for the poor but the effects are small. ¶ Generalisations should be taken with a great deal of caution because this is a domain where data ¶ may present considerable shortcomings. In any event it seems that foreign trade reforms are ¶ more important for poverty reduction than unilateral ones or than the national component of ¶ reciprocal trade reforms. The countries of the region may therefore expect further contributions ¶ of trade integration to poverty reduction, particularly from the liberalisation of the agriculture ¶ sector where the greatest pockets of residual protectionism are still concentrated. However, ¶ predicting ex ante the pro-poor effects of trade reforms is an extremely sensitive task highly¶ dependent on the quality of the data and the correct specification of the simulation instruments. ¶ It is hard to overstate the importance of strengthening the capacity of policymaking in this area.

#### The alt doesn’t solve anything—tragedy of the commons means small actions don’t spill over because each person has a negligible effect on broader structures

#### Neoliberalism is inevitable in Cuba

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“The Ideological Success of Neoliberalism in Cuba” – Havana Times – April 29, 2012

http://www.havanatimes.org/?p=68708#sthash.tWIio2fK.dpuf

Despite this, we know that the Cuban government has affected a neoliberal shift in its reform policies.¶ Nonetheless, even today it’s difficult to find a direct connection between the socioeconomic “reforms” implemented by the government and fundamentals of international neoliberalism.¶ The similarities, which clearly exist, fail to form a definite pattern of neoliberal-style economic and social policy.¶ This is why it’s so difficult to follow the economic moves of the political elite in their desperate retreat toward the deregulation of the economy.¶ However at the ideological level, this complicity is apparent. It’s at this level that neoliberalism has become hegemonic in Cuba. The ideological foundations of neoliberalism have achieved a tremendous success in the sphere of the government on the island.¶ The authorities have proclaimed the deregulation of Cuba’s economy as inevitable, as they quietly accept the consolidation of inequality as well as decreased social spending and the renunciation of full employment as a goal.¶ These are basic principles of neoliberalism, ones reflected by measures which they say should guide economic policy over the times to come.¶ The government is convincedthat neoliberalism has won the ideological battle on the field of international relations, despite its economic and social failures.¶ Because of this they are paving the way for a future of the radicalized application of its principles of economic deregulation and social inequality.

#### A total shift is impossible—working at the intersection of economics and environmental sustainability is critical

Barry 07 – Dr. John Barry is Director of the Institute of Governance, Public Policy and Social Research and Co-Director of the Centre for Sustainability and Environmental Governance at Queen’s University Belfast. His areas of research include the normative aspects of environmental policy, politics and sustainable development; environmental governance; the governance of science and innovation; the link between academic knowledge and policy making; trust, legitimacy and public policy; citizenship, public policy and governance; theories and practices of reconciliation in Northern Ireland. (“Towards a model of green political economy: from ecological modernisation to economic security”, Int. J. Green Economics, Vol. 1, Nos. 3/4, 2007, http://www.inderscience.com/storage/f614812932511107.pdf)

1 Introduction Economic analysis has been one of the weakest and least developed areas of broadly green/sustainable development thinking. For example, whatever analysis there is within the green political canon is largely utopian – usually based on an argument for the complete transformation of modern society and economy as the only way to deal with ecological catastrophe, an often linked to a critique of the socioeconomic failings of capitalism that echoed a broadly radical Marxist/socialist or anarchist analysis; or underdeveloped – due, in part, to the need to outline and develop other aspects of green political theory. However, this gap within green thinking has recently been filled by a number of scholars, activists, think tanks, and environmental NGOs who have outlined various models of green political economy to underpin sustainable development political aims, principles and objectives. The aim of this article is to offer a draft of a realistic, but critical, version of green political economy to underpin the economic dimensions of radical views about sustainable development. It is written explicitly with a view to encouraging others to think through this aspect of sustainable development in a collaborative manner. Combined realism and radicalism marks this article, which starts with the point that we cannot build or seek to create a sustainable economy ab nihlo, but must begin from where we are, with the structures, institutions, modes of production, laws and regulations that we already have. Of course, this does not mean simply accepting these as immutable or set in stone; after all, some of the current institutions, principles and structures underpinning the dominant economic model are the very causes of unsustainable development. We do need to recognise, however, that we must work with (and ‘through’ – in the terms of the original German Green Party’s slogan of ‘marching through the institutions’) these existing structures, as well as change and reform and in some cases, abandon them as either unnecessary or positively harmful to the creation and maintenance of a sustainable economy and society. Equally, this article also recognises that an alternative economy and society must be based in the reality that most people (in the West) will not democratically vote for a completely different type of society and economy. That reality must also accept that a ‘green economy’ is one that is recognisable to most people and that indeed safeguards and guarantees not just their basic needs but also aspirations(within limits). The realistic character of the thinking behind this article accepts that consumption and materialistic lifestyles are here to stay (so long as they do not transgress any of the critical thresholds of the triple bottom line) and indeed there is little to be gained by proposing alternative economic systems, which start from a complete rejection of consumption and materialism. The appeal to realism is in part an attempt to correct the common misperception (and self-perception) of green politics and economics requiring an excessive degree of self-denial and a puritanical asceticism (Goodin, 1992, p.18; Allison, 1991, p.170–178). While rejecting the claim that green political theory calls for the complete disavowal of materialistic lifestyles, it is true that green politics does require the collective reassessment of such lifestyles, and does require a degree of shared sacrifice. It does not mean, however, that we necessarily require the complete and across-the-board rejection of materialistic lifestyles. There must be room and tolerance in a green economy for people to live ‘ungreen lives’ so long as they do not ‘harm’ others, threaten long-term ecological sustainability or create unjust levels of socioeconomic inequalities. Thus, realism in this context is in part another name for the acceptance of a broadly ‘liberal’ or ‘post-liberal’ (but certainly not anti-liberal) green perspective.1 At the same time, while critical of the ‘abstract’ and ‘unrealistic’ utopianism that peppers green and radical thinking in this area, I do not intend to reject utopianism. Indeed, I agree with Oscar Wilde that a map of the world that does not have utopia on it, is not worth looking at. The spirit in which this article is written is more in keeping with framing green and sustainability concerns within a ‘concrete utopian’ perspective (Hayward, 1995) or what the Marxist geographer Harvey (1996) calls a ‘utopianism of process’, to be distinguished from ‘closed’, blueprint-like and abstract utopian visions. Accordingly, the model of green political economy outlined here is in keeping with Lukes’ (1984, p.158) suggestion that a concrete utopianism depends on the ‘knowledge of a self-transforming present, not an ideal future’. It accepts the current dominance of one particular model of green political economy – namely, ‘Ecological Modernisation’ (EM) – as the preferred ‘political economy’ underpinning contemporary state and market forms of sustainable development, and further accepts the necessity for green politics to positively engage in the debates and policies around EM from a strategic (as well as a normative) point of view. However, it is also conscious of the limits and problems with ecological modernisation, particularly in terms of its technocratic, supply-side and reformist ‘business as usual’ approach, and seeks to explore the potential to radicalise EM or use it as a ‘jumping off’ point for more radical views of greening the economy. The article begins by outlining EM in theory and practice, specifically in relation to the British state’s ‘sustainable development’ policy agenda under New Labour. It maintains that EM, as currently practised by the British state, is ‘weak’ and largely turns on the centrality of ‘innovation’ and ‘eco-efficiency’; it then goes on to investigate in more detail the role of the market within current conceptualisations of EM and other models of green political economy. In particular, a potentially powerful distinction (both in conceptual and in policy debates) between ‘the market’ and ‘capitalism’ has yet to be sufficiently explored and exploited as a starting point for the development of radical, viable and attractive conceptions of green political economy as alternatives to both EM and the orthodox economic paradigm. In particular, the role of the market in innovation and as part of the ‘governance’ for sustainable development in which eco-efficiency and EM of the economy is linked to non-ecological demands of green politics and sustainable development, such as social and global justice, egalitarianism, democratic regulation of the market and the conceptual (and policy) expansion of the ‘economy’ to include social, informal and non-cash economic activity and a progressive role for the state (especially at the local/municipal level). Here, the argument is that the ‘environmental’ argument or basis of green political economy in terms of the need for the economy to become more resource efficient, minimise pollution and waste and so on, has largely been won. What that means is that no one is disputing the need for greater resource productivity, energy and eco-efficiency. Both state and corporate/business actors have accepted the environmental ‘bottom line’ (often rhetorically, but nonetheless important) as a conditioning factor in the pursuit of the economic ‘bottom line’. However, what has been less remarked upon is the social ‘bottom line’ and the centrality of this non-environmental set of principles and policy objectives to green political economy. In particular, the argument for lessening socioeconomic inequality and re-distributive policies to do this have not been as prominent within the green political economy and models of sustainable development as they perhaps should be. One of the reasons for focusing on the ‘social bottom line’ is to suggest that the distinctiveness and critical relevance of a distinctly ‘green’ (as opposed to ‘environmental’ or ‘ecological’) political economy will increasingly depend on developing a political agenda around these non-environmental/resource policy areas as states, businesses and other political parties converge around the EM agenda of reconciling the environmental and economic bottom lines, through an almost exclusive focus on the environmental bottom line. It is in developing a radical political and economic agenda around the social and economic bottom lines that the green political economy needs to focus on. It is for this reason that the final part of the paper looks at the long-standing green commitment to re-orientate the economy towards enhancing and being judged by ‘quality of life’ and ‘well-being’. The more recent discourse around ‘economic security’ is then discussed as building upon and related to the quality of life perspective, and is viewed as a potentially important driver and policy objective for green political economy in practice, in succinctly presenting the green economic case for a new type of economy, in which redistribution and reducing socioeconomic inequality are central. The model of green political economy presented here is defined in part by its commitment to ‘economic security’, which has the strategic political advantage of presenting a positive and attractive discourse for sustainable development arguments, unlike the (still prevalent) negative and often disempowering discourse of ‘limits to growth’, which does not of course mean denying the reality of limits (which are not just ecological, but also include social, cultural and psychological and biological dimensions). The point is that using the language and analysis of economic security is a more attractive and compelling way of arguing and presenting the case for a less growth-orientated economy and consumption-orientated society and one that aims for putting quality of life at the heart of economic thinking and policy. 2 Ecological modernisation in theory and practice in Britain The New Labour government is clearly committed to an EM approach to sustainable development. In a speech on sustainable development Blair (2003) stated that, “tackling climate change or other environmental challenges need not limit greater economic opportunity…economic development, social justice and environmental modernisation must go hand in hand”. This ‘win-win’ logic has also been echoed by the deputy Prime Minister Prescott (2003), who, in a speech to the Fabian Society held that: “There is a widespread view that environmental damage is the price we have to pay for economic progress…Modern environmentalism recognises that…an efficient, clean economy will mean more, not less economic growth and prosperity…Treating the environment with respect will not impede economic progress, it will help identify areas of inefficiency and waste and so unleash whole new forces of innovation.” Like the EM discourse, New Labour sustainable development policy rhetoric adopts the language of business and orthodox economic growth, emphasising the business case for sustainability by linking environmental management with greater resource efficiency, cost reduction and enhanced competitiveness. Typical of this is the Department for Trade and Industry, which notes that, “The environment is a business opportunity...there are economic benefits in reducing waste, avoiding pollution and using resources more efficiently…Reducing pollution through better technology will almost always lower costs or raise product value/differentiation” (DTI, 2000, p.7). This business case for rendering orthodox neo-classical economic growth compatible with environmental considerations can also be found outside Westminster in the devolved administrations. In Scotland, the Scottish Executive’s Enterprise Minister Jim Wallace has recently announce a ‘Green Jobs Strategy’, stating that: “Economic growth and job creation can and should go hand in hand with promoting Scotland's natural environment and, through exports, sustaining good environmental practice overseas. A Green Jobs Strategy will focus our efforts on delivering sustainable growth, which will generate employment while improving our environment and raising living standards across the country. As well as creating new business opportunities, better waste management and more efficient use of resources benefits the bottom line – raising productivity and making a big contribution to environmental targets.” (Scottish Executive, 2005) The notion that orthodox economic growth, employment and investment patterns and the cross-sectoral goals of sustainable development might be in serious tension is excluded from the government’s rhetoric on the environment and the ‘greening of the economy’; it is certainly not presented as a possibly problematic issue for industrial production processes or for global capitalism or the new orthodoxy of export-led growth. Instead, environmental protection and economic growth are portrayed as a positive-sum game, a ‘business opportunity’, suggesting that EM is the basis upon which current debates on environmental and sustainable development policy in the UK are founded (Barry and Paterson, 2004).

#### Permutation do the plan and <alt text>

#### Absolute rejection is unnecessary and cooption isn’t true

**Ferguson 10** – Professor of Anthropology @ Stanford. (James, “The Uses of Neoliberalism,” Antipode, 41.1, 10.1111/j.1467-8330.2009.00721.x)

Let me emphasize that to say that certain political initiatives and programs borrow from the neoliberal bag of tricks **doesn’t mean** that these political projects are **in league with** the **ideological project** of neoliberalism (in David Harvey’s sense)—only that they appropriate certain characteristic neoliberal “moves” (and I think of these discursive and programmatic moves as analogous to the moves one might make in a game). These moves are recognizable enough to look “neoliberal”, but they can, I suggest, be used for **quite different purposes** than that term usually implies. In this connection, one might think of statistical techniques for calculating the probabilities of workplace injuries. These were originally developed in the nineteenth century by large employers to control costs (Ewald 1986), but they eventually became the technical basis for social insurance, and ultimately for the welfare state (which brought unprecedented gains to the working class across much of the world). Techniques, that is to say, can “migrate” across strategic camps, and devices of government that were invented to serve one purpose have often enough ended up, though history’s irony, being harnessed to another. Might we see a similar re-appropriation of “market” techniques of government (which were, like workplace statistics, undoubtedly conservative in their original uses) for different, and more progressive sorts of ends? Maybe not—one should **remain genuinely open-minded** about this—but it is perhaps worth at least considering. Let me present two empirical examples from southern Africa as a way of making this proposition perhaps a bit more plausible.

#### Extinction outweighs any value to life or structural violence impact—the quality of someone’s life is subjective but life is a pererquisite to anything

#### Economic sanctions are bad and you should end them

**Gowans 10** (Stephen, writer for the Centre for Research on Globalization, “Sanctions of Mass Destruction (SMD): US Sponsored Economic Blockade Destroys North Korea’s Health Care System,” 7/20, http://www.globalresearch.ca/sanctions-of-mass-destruction-smd-us-sponsored-economic-blockade-destroys-north-korea-s-health-care-system/20215)

“In contrast to war’s easily observable casualties, the apparently nonviolent consequences of economic intervention seem like an acceptable alternative. However, recent reports suggest that economic sanctions can seriously harm the health of persons who live in targeted nations.” [9] This has been well established and widely accepted in the cases of Iraq in the 1990s and the ongoing US blockade of Cuba. Political scientists John Mueller and Karl Mueller wrote an important paper in Foreign Affairs, in which they showed that economic sanctions “may have contributed to more deaths during the post-Cold War era than all weapons of mass destruction throughout history.” [10] “The dangers posed today by such enfeebled, impoverished, and friendless states as Iraq and North Korea are minor indeed”, they wrote in 1999. It might be added that the dangers posed by North Korea to the physical safety of US citizens are not only minor but infinitesimally small. Notwithstanding the fevered fantasies of rightwing commentators, North Korea has neither the means, nor the required death wish, to strike the United States. However, the danger the country poses to the idea of US domination – and hence, to the banks, corporations, and major investors who dominate US policy-making – are admittedly somewhat greater. “Severe economic sanctions”, the Muellers contend, ought to be “designated by the older label of ‘economic warfare’”. “In past wars economic embargoes caused huge numbers of deaths. Some 750,000 German civilians may have died because of the Allied naval blockade during World War I.” [11] “So long as they can coordinate their efforts,” the two political scientists continue, “the big countries have at their disposal a credible, inexpensive and potent weapon for use against small and medium-sized foes. The dominant powers have shown that they can inflict enormous pain at remarkably little cost to themselves or the global economy. Indeed, in a matter of months or years whole economies can be devastated…” [12] And with devastated economies, come crumbling healthcare systems and failure to provide for the basic healthcare rights of the population.

#### The status quo is worse—industrial ag is causing total ecological collapse which means they can’t solve their impacts and we access a better internal link to them

#### The alt just causes more extreme capitalism.

Zakaria 09 (Fareed, serves on the board of Yale University, The Council on Foreign Relations, The Trilateral Commission, and Shakespeare and Company.; received a B.A. from Yale and a Ph.D. in political science from Harvard; editor of Newsweek International, “The Capitalist Manifesto: Greed Is Good”, Jun 13, 2009, http://www.newsweek.com/id/201935/output/print)

A specter is haunting the world—the return of capitalism. Over the past six months, politicians, businessmen and pundits have been convinced that we are in the midst of a crisis of capitalism that will require a massive transformation and years of pain to fix. Nothing will ever be the same again. "Another ideological god has failed," the dean of financial commentators, Martin Wolf, wrote in the Financial Times. Companies will "fundamentally reset" the way they work, said the CEO of General Electric, Jeffrey Immelt. "Capitalism will be different," said Treasury Secretary Timothy Geithner. No economic system ever remains unchanged, of course, and certainly not after a deep financial collapse and a broad global recession. But over the past few months, even though we've had an imperfect stimulus package, nationalized no banks and undergone no grand reinvention of capitalism, the sense of panic seems to be easing. Perhaps this is a mirage—or perhaps the measures taken by states around the world, chiefly the U.S. government, have restored normalcy. Every expert has a critique of specific policies, but over time we might see that faced with the decision to underreact or overreact, most governments chose the latter. That choice might produce new problems in due course—a topic for another essay—but it appears to have averted a systemic breakdown. There is still a long road ahead. There will be many more bankruptcies. Banks will have to slowly earn their way out of their problems or die. Consumers will save more before they start spending again. Mountains of debt will have to be reduced. American capitalism is being rebalanced, reregulated and thus restored. In doing so it will have to face up to long-neglected problems, if this is to lead to a true recovery, not just a brief reprieve. Many experts are convinced that the situation cannot improve yet because their own sweeping solutions to the problem have not been implemented. Most of us want to see more punishment inflicted, particularly on America's bankers. Deep down we all have a Puritan belief that unless they suffer a good dose of pain, they will not truly repent. In fact, there has been much pain, especially in the financial industry, where tens of thousands of jobs, at all levels, have been lost. But fundamentally, markets are not about morality. They are large, complex systems, and if things get stable enough, they move on. Consider our track record over the past 20 years, starting with the stock-market crash of 1987, when on Oct. 19 the Dow Jones lost 23 percent, the largest one-day loss in its history. The legendary economist John Kenneth Galbraith wrote that he just hoped that the coming recession wouldn't prove as painful as the Great Depression. It turned out to be a blip on the way to an even bigger, longer boom. Then there was the 1997 East Asian crisis, during the depths of which Paul Krugman wrote in a Fortune cover essay, "Never in the course of economic events—not even in the early years of the Depression—has so large a part of the world economy experienced so devastating a fall from grace." He went on to argue that if Asian countries did not adopt his radical strategy—currency controls—"we could be looking at the kind of slump that 60 years ago devastated societies, destabilized governments, and eventually led to war." Only one Asian country instituted currency controls, and partial ones at that. All rebounded within two years. Each crisis convinced observers that it signaled the end of some new, dangerous feature of the economic landscape. But often that novelty accelerated in the years that followed. The 1987 crash was said to be the product of computer trading, which has, of course, expanded dramatically since then. The East Asian crisis was meant to end the happy talk about "emerging markets," which are now at the center of world growth. The collapse of Long-Term Capital Management in 1998—which then–Treasury secretary Robert Rubin described as "the worst financial crisis in 50 years"—was meant to be the end of hedge funds, which then massively expanded. The technology bubble's bursting in 2000 was supposed to put an end to the dreams of oddball Internet startups. Goodbye, Pets.com; hello, Twitter. Now we hear that this crisis is the end of derivatives. Let's see. Robert Shiller, one of the few who predicted this crash almost exactly—and the dotcom bust as well—argues that in fact we need more derivatives to make markets more stable. A few years from now, strange as it may sound, we might all find that we are hungry for more capitalism, not less. An economic crisis slows growth, and when countries need growth, they turn to markets. After the Mexican and East Asian currency crises—which were far more painful in those countries than the current downturn has been in America—we saw the pace of market-oriented reform speed up. If, in the years ahead, the American consumer remains reluctant to spend, if federal and state governments groan under their debt loads, if government-owned companies remain expensive burdens, then private-sector activity will become the only path to create jobs. The simple truth is that with all its flaws, capitalism remains the most productive economic engine we have yet invented. Like Churchill's line about democracy, it is the worst of all economic systems, except for the others. Its chief vindication today has come halfway across the world, in countries like China and India, which have been able to grow and pull hundreds of millions of people out of poverty by supporting markets and free trade. Last month India held elections during the worst of this crisis. Its powerful left-wing parties campaigned against liberalization and got their worst drubbing at the polls in 40 years.

### 2AC—Debt Ceiling DA

#### Their bipartl link is stupid—it’s about bipartisanship on fiscal negotiations which the plan doesn’t affect

#### Won’t pass—shutdown fight

Fox 10/11 – Fox News' Mike Emanuel, Ed Henry, Chad Pergram and Fox Business Network's Rich Edson contributed to this report. (“Deal or no deal? GOP back to drawing board on debt plan after Obama meeting”, October 11, 2013, http://www.foxnews.com/politics/2013/10/11/boehner-pitches-short-term-debt-ceiling-hike-ahead-white-house-meeting/)

Republican lawmakers scrambled back to the drawing board to modify their plan for a short-term increase in the debt ceiling, after President Obama apparently pushed back on the proposal during a high-stakes White House meeting. Discussions between the two sides continued into the night Thursday after the meeting broke up with no deal announced, despite optimism earlier in the day that the two sides might agree. Senate Democratic Leader Harry Reid also cast doubt on House Speaker John Boehner's plan. Despite both sides claiming to be working together, the day ended like it began, with Americans still unsure when the partial government shutdown will end, and the financial markets still uncertain as to whether the country might miss next week's deadline to raise the debt ceiling. Obama is expected to meet White House meeting Friday with GOP senators, who may offer alternative options for funding the government and ending the standoff over the debt limit. Sen. Susan Collins, R-Maine, and others have endorsed a proposal that would fund the government for six months and repeal ObamaCare's medical device tax and give federal agencies greater flexibility to manage across-the-board spending cuts caused by sequestration. The sticking point appears to be whether to end the partial government shutdown as part of any deal to lift the debt ceiling. The original House GOP plan called for a six-week extension of the debt ceiling with no strings attached -- but would not resolve the partial government shutdown. Instead, Republicans wanted Obama and Democrats to make a "real commitment" to negotiate over the partial government shutdown and a longer-term debt-ceiling hike as the next step. Fox News is told that Obama pushed back on that plan. Rep. Hal Rogers, R-Ky., said Obama wants to make sure the partial government shutdown is also lifted as part of any debt-ceiling agreement. The White House said in a brief statement that "no specific determination was made" but Obama "looks forward to making continued progress with members on both sides of the aisle." House GOP Leader Eric Cantor said the meeting was useful, and that there would be more conversations into the night. Republican plans to begin working on their stopgap bill late Thursday also were put on hold, indicating a change in strategy. What the pause says about the prospects for a deal is unclear. Boehner would still have a hard time bridging the demands of the rank-and-file, who want conditions put on any budget bill, and the demands of Obama, who wants a "clean" bill. But Obama and Senate Majority Leader Harry Reid both appeared to push back on GOP attempts to push a bill that does not deal with the partial shutdown. "Not going to happen," Reid said of the possibility of any negotiations while the partial shutdown is still in effect. Reid addressed the plan after his own meeting at the White House. The White House simultaneously issued a statement that appeared to back Reid up, saying "the president and the Senate Democrats will continue to pursue reasonable discussions about our budget challenges after these manufactured crises end."

#### Raising the debt ceiling isn’t an opportunity to the plan because the judge has agential ambit over both—you should only consider opportunity costs because that’s critical training for real-world decisionmaking

#### PC bad—Obama increases opposition

Klein 10/9 – Ezra Klein is the editor of Wonkblog and a columnist at the Washington Post, as well as a contributor to MSNBC and Bloomberg. His work focuses on domestic and economic policymaking, as well as the political system that’s constantly screwing it up. (“The problem with President Obama’s shutdown strategy”, October 9, 2013, <http://www.washingtonpost.com/blogs/wonkblog/wp/2013/10/09/the-problem-with-president-obamas-shutdown-strategy/>)

Added a letter for grammar

Being president of a divided country is basically an impossible job. To get anything done, you have to try to persuade the American people to support you. But the act of persuading the American people makes the opposition party more determined to oppose you.

This is the paradox of presidential leadership: When the president publicly leads, the minority party becomes less likely to follow.

On Tuesday, President Obama held a lengthy news conference on the shutdown. "Members of Congress, and the House Republicans in particular," he said, "don't get to demand ransom in exchange for doing their jobs. And two of their very basic jobs are passing a budget and making sure that America's paying its bills. They don't also get to say, you know, unless you give me what the voters rejected in the last election, I'm going to cause a recession. That's not how it works. No American president would deal with a foreign leader like this. Most of you would not deal with either co-workers or business associates in this fashion. And we shouldn't be dealing this way here in Washington."

What he was doing in the news conference made sense: He was arguing to the press and to the American people that the shutdown was the GOP's fault and that it would end -- and broader negotiations could begin -- as soon as Republicans decided to reopen the government.

The political theory here is clear: Obama is trying to marshal public opinion against the GOP. If enough Republicans are getting angry calls from their constituents and seeing polls that look disastrous for their party, they'll find a way to back down.

But it can backfire badly. Every second Obama stood at that podium made it a bit harder for the Republican[s] Party to retreat. The more he repeats that this is their shutdown and they need to end it, the more their party suffers if they can't find a way to prove the president wrong. Obama's efforts to move public opinion toward him also moves Republican opinion against him.

Frances Lee, a political scientist at the University of Maryland, has studied the effect of presidential polarization on the U.S. Congress. In her book “Beyond Ideology,” she shows that when the president announces his position on an issue -- even an uncontroversial one -- it increases the likelihood of a party-line vote.

“Whatever people think about raw policy issues, they’re aware that presidential successes will help the president’s party and hurt the opposing party,” Lee told me. “It’s not to say they're entirely cynical, but the fact that success is useful to the president’s party is going to have an effect on how members respond.”

When the shutdown began, Obama wasn't much of a player in it. In fact, when the shutdown began, it was more of a Republican vs. Republican story than Republican vs. Democrat. A shutdown was a loss for John Boehner and a win for Ted Cruz.

But now Obama is a player. If the government is cleanly reopened, that's a win for Obama and a loss for John Boehner. More importantly, it's a win for Democrats and a loss for Republicans. And that makes it a much tougher problem to resolve because it unites Republicans who are against the shutdown strategy but even more against losing to Barack Obama.

The Washington Examiner's Byron York interviewed an anonymous Republican congressman about the shutdown. The congressman was clearly not happy that Republicans had let themselves end up in this position. "This isn't exactly the fight I think Republicans wanted to have, certainly that the leadership wanted to have," he said.

But that didn't matter anymore. Obama, the congressman continued, is "going to try to humiliate the speaker in front of his conference. And how effective a negotiating partner do you think he'll be then? You're putting the guy in a position where he's got nothing to lose, because you're not giving him anything to win."

You can see the results in the collapse of the GOP's demands. They're not trying to undo Obamacare anymore. They're embracing the kind of budget commissions they've spent six months opposing. They're just trying to find some way to eke out a win. This isn't about the policy anymore. It's about Obama. And Obama isn't giving Republicans a clear path to backing down without looking like they lost.

The White House knows this perfectly well. They just don't believe it's healthy to bend and buckle until Republicans find a way out. It's not their job, they say, to help Boehner out of promises he shouldn't have made. They weren't the ones who promised their base that the debt ceiling would be a moment of triumph. They weren't the ones who bowed to pressure from their extreme wing and chose a reckless strategy of brinksmanship. They weren't the ones who set up a political dynamic in which keeping the government open and paying our bills counts as "a loss" for one party or the other. Boehner needs to learn to stop writing checks he can't cash.

All that may be true. But the White House is still pursuing a strategy that makes it harder for Boehner and the Republicans to back down. Their gamble is that the power of public opinion will overwhelm the power of presidential polarization. And if the Republican Party loses totally -- loses in a way where they can't tell themselves it was a win -- that'll be the end of these tactics.

It might be a bet worth making. But it's still a bet. And every time Obama goes out and lashes the Republicans for shutting down the government, the stakes get a little bit higher.

#### Fiat solves the link—people don’t backlash against themselves and the plan passes immediately with no debate

#### Distracting the GOP mitigates the link

**Cohn 9** – Jonathon, 3/11/09 [The New Republic, “The Case for Presidential Multi-Tasking”, http://blogs.tnr.com/tnr/blogs/the\_treatment/archive/2009/03/11/the-case-for-presidential-multi-tasking.aspx]

Meanwhile, Obama's multi-faceted strategy has certain clear advantages. For one thing, it keeps the right wing unsettled. With so many initiatives going forward, there's no chance for conservatives to coalesce in opposition to any one issue. Instead of the entire conservative movement hammering away in unison, you have some of them going after health care, some of them going after earmarks, some of them going after cap-and-trade, and so on. In that sort of environment, few attacks resonate because they don't get the sustained attention they need.

The converse is true, of course; Obama isn't giving the affirmative case sustained attention, either. But if neither side can rally its forces, then the most likely result would seem to be status quo politics. And status quo politics right now, I would aruge, favors the party that just won a landslide presidential election while building up huge congressional majorities.

#### Oil companies massively support the plan and lobby for it---determines Congressional sentiment

Sadowski 11 – Richard Sadowski 11, J.D., Hofstra University School of Law, Fall 2011, “IN THIS ISSUE: NATURAL RESOURCE CONFLICT: CUBAN OFFSHORE DRILLING: PREPARATION AND PREVENTION WITHIN THE FRAMEWORK OF THE UNITED STATES' EMBARGO,” Sustainable Development Law & Policy, 12 Sustainable Dev. L. & Pol'y 37, p. lexis

A U.S. Geological Survey estimates that Cuba's offshore oil fields hold at least four and a half billion barrels of recoverable oil and ten trillion cubic feet of natural gas. n29 Cupet, the state-owned Cuban energy company, insists that actual reserves are double that of the U.S. estimate. n30 One estimate indicates that Cuba could be producing 525,000 barrels of oil per day. n31 Given this vast resource, Cuba has already leased offshore oil exploration blocks to operators from Spain, Norway, and India. n32 Offshore oil discoveries in Cuba are placing increasing pressure for the United States to end the embargo. First, U.S. energy companies are eager to compete for access to Cuban oil reserves. n33 [\*38] Secondly, fears of a Cuban oil spill are argued to warrant U.S. investment and technology. n34 Finally, the concern over Cuban offshore drilling renews cries that the embargo is largely a failure and harms human rights.¶ ECONOMICS: U.S. COMPANIES WANT IN¶ For U.S. companies, the embargo creates concern that they will lose out on an opportunity to develop a nearby resource. n35 Oil companies have a long history of utilizing political pressure for self-serving purposes. n36 American politicians, ever fearful of high energy costs, are especially susceptible to oil-lobby pressures. n37 This dynamic was exemplified in 2008, when then-Vice President Dick Cheney told the board of directors of the U.S. Chamber of Commerce that "oil is being drilled right now sixty miles off the coast of Florida. But we're not doing it, the Chinese are, in cooperation with the Cuban government. Even the communists have figured out that a good answer to high prices is more supply" n38¶ This pressure for U.S. investment in oil is exacerbated by America's expected increase in consumption rates. n39 Oil company stocks are valued in large part on access to reserves. n40 Thus, more leases, including those in Cuban waters, equal higher stock valuation. n41 "The last thing that American energy companies want is to be trapped on the sidelines by sanctions while European, Canadian and Latin American rivals are free to develop new oil resources on the doorstep of the United States." n42

### 2AC—a/t: econ

#### Obama will unilaterally resolve the crisis—their evidence doesn’t assume game theory

IHT 10-4 – International Herald Tribune, 10/4/13 edition, “White House has options if impasse arises on debt ceiling,” p. lexis

As a result, economists and investors have quietly begun to explore the options the White House might have in the event Congress fails to act.

The most widely discussed strategy would be for President Barack Obama to invoke authority under the 14th Amendment and essentially order the federal government to keep borrowing, an option that was endorsed by former President Bill Clinton during an earlier debt standoff in 2011.

And in recent days, prominent Democrats like Senator Max Baucus, chairman of the Senate Finance Committee, and Representative Nancy Pelosi, the House minority leader, have urged the White House to seriously consider such a route, even if it might provoke a threat of impeachment from House Republicans and ultimately require the Supreme Court to rule on its legitimacy.

Other potential October surprises range from the logistically forbidding, like prioritizing payments, issuing i.o.u.'s or selling off gold and other assets, to more fanciful ideas, like minting a trillion-dollar platinum coin.

So far, administration officials have continued to insist that there is no plausible alternative to congressional action on the debt limit.

In December 2012, Jay Carney, the White House spokesman, flatly renounced the 14th Amendment option, saying: ''I can say that this administration does not believe that the 14th Amendment gives the president the power to ignore the debt ceiling - period.'' And on Wednesday, a senior administration lawyer said that remained the administration's view.

Still, some observers outside government in Washington and on Wall Street, citing an approach resembling game theory, suggest that the president's position is more tactical than fundamental, since raising the possibility of a way out for the White House like the constitutional gambit would take the heat off Republicans in Congress to act on their own before the Oct. 17 deadline.

''If a default is imminent, the option of raising the debt limit by executive fiat has to be on the table,'' said Greg Valliere, chief political strategist at Potomac Research. ''Desperate times require desperate measures.''

Some professional investors echoed his view, which is a reason Wall Street remains hopeful that the economic and financial disaster a government default could usher in will be avoided.

''At the end of the day if there is no action and the United States has a default looming, I think President Obama can issue an executive order authorizing the Treasury secretary to make payments,'' said David Kotok, chief investment officer of Cumberland Advisors in Sarasota, Florida, which has just over $2 billion under management. ''There's always been more flexibility in the hands of Treasury than they've acknowledged.''

According to some legal theorists, the president could essentially ignore the debt limit imposed by Congress, because the 14th Amendment states that the ''validity of the public debt of the United States, authorized by law,'' including debts like pensions and bounties to suppress insurrections, ''shall not be questioned.''

#### No chance of war from economic decline---best and most recent data

Daniel W. Drezner 12, Professor, The Fletcher School of Law and Diplomacy, Tufts University, October 2012, “The Irony of Global Economic Governance: The System Worked,” <http://www.globaleconomicgovernance.org/wp-content/uploads/IR-Colloquium-MT12-Week-5_The-Irony-of-Global-Economic-Governance.pdf>

The final outcome addresses a dog that hasn’t barked: the effect of the Great Recession on cross-border conflict and violence. During the initial stages of the crisis, multiple analysts asserted that the financial crisis would lead states to increase their use of force as a tool for staying in power.37 Whether through greater internal repression, diversionary wars, arms races, or a ratcheting up of great power conflict, there were genuine concerns that the global economic downturn would lead to an increase in conflict. Violence in the Middle East, border disputes in the South China Sea, and even the disruptions of the Occupy movement fuel impressions of surge in global public disorder.

The aggregate data suggests otherwise, however. The Institute for Economics and Peace has constructed a “Global Peace Index” annually since 2007. A key conclusion they draw from the 2012 report is that “The average level of peacefulness in 2012 is approximately the same as it was in 2007.”38 Interstate violence in particular has declined since the start of the financial crisis – as have military expenditures in most sampled countries. Other studies confirm that the Great Recession has not triggered any increase in violent conflict; the secular decline in violence that started with the end of the Cold War has not been reversed.39 Rogers Brubaker concludes, “the crisis has not to date generated the surge in protectionist nationalism or ethnic exclusion that might have been expected.”40

None of these data suggest that the global economy is operating swimmingly. Growth remains unbalanced and fragile, and has clearly slowed in 2012. Transnational capital flows remain depressed compared to pre-crisis levels, primarily due to a drying up of cross-border interbank lending in Europe. Currency volatility remains an ongoing concern. Compared to the aftermath of other postwar recessions, growth in output, investment, and employment in the developed world have all lagged behind. But the Great Recession is not like other postwar recessions in either scope or kind; expecting a standard “V”-shaped recovery was unreasonable. One financial analyst characterized the post-2008 global economy as in a state of “contained depression.”41 The key word is “contained,” however. Given the severity, reach and depth of the 2008 financial crisis, the proper comparison is with Great Depression. And by that standard, the outcome variables look impressive. As Carmen Reinhart and Kenneth Rogoff concluded in This Time is Different: “that its macroeconomic outcome has been only the most severe global recession since World War II – and not even worse – must be regarded as fortunate.”42

### 2AC—Reforms DA

#### Reforms failing now—cuba is maintaining top down control which means they don’t have uniquenesss

#### Plan solves—puts pressure on Raul and delegitimaizes him which strenghesnts reformers and private entrepreneurs—that’s CSG

#### Economic shock therapy is electrifying – empirically diminishing problems and preventing their prolonging

Pettinger 13

(Tejvan, graduate of Oxford and teaches economics, 6/7/13, “Shock Therapy Economics”, http://www.economicshelp.org/blog/7561/economics/shock-therapy-economics/)

Shock therapy is the belief that the best way to fix a broken economy is to implement radical changes and introduce new market oriented policies, in one fell swoop whatever the short term cost. Shock therapy is associated with the economist Jeffrey Sachs who advocated free market reforms for Eastern European countries like Poland and Russia in the early 1990s. (Sachs actually disliked term ‘shock therapy’ arguing it was coined by media and makes it sound more painful that it needed to be) Shock therapy is different to a more gradual approach which seeks to make incremental changes and transition. Shock therapy generally refers to policies used for making a transition from a Command (state controlled) economy to a mixed economy. However, shock therapy might also refer to Policies to reduce inflation quickly. Policies to reduce budget deficit. Policies to restore competitiveness and reduce current account deficits. Shock Therapy policies involves Price liberalisation – ending price controls Ending government subsidies Privatisation. Selling state owned industries to the private sector. It is hoped that under private control, firms will have more incentives to be efficient and cut costs. Tightening of fiscal policy – higher tax rates, lower government spending to reduce budget deficit and control inflation. Benefits of Shock Therapy It is considered a quicker method to overcome economic inefficiency and deal with wasted resources. With firm leadership, people know what to expect and make efforts to deal with the new situation. For example, if you want to control inflation, it is important to change expectations. Sticking to strict anti-inflationary policies, will help bring down inflation expectations and make it easier to achieve. Stretching out economic reform, can prolong the old difficulties. Jeffrey Sachs, a key supporter of shock therapy, argued it was harder to make the leap to a market economy in two stages. Privatisation, price liberalisation and control of inflation are complementary policies. Successes of shock therapy Some point to successes of shock therapy approaches, such as: Bolivia in 1985. In particular, Bolivia were successful in bringing a period of hyperinflation under control. Germany in 1948, when price controls were eliminated; this helped to end hyperinflation and improved confidence in the currency. Poland in 1990s. Poland’s free market reforms enabled inflation to be brought under control. After initial difficulties, economic growth was impressive during the 1990s, but unemployment rose sharply as state owned industries closed.

#### The plan solves—decreases hostilieisa dn causes ccooperation—their impact card

#### Don’t even question the wisdom of Sachs – the gods of economics will punish you

IMF 12 (THE International Monetary Fund, December 2012, “People in Economics”, <http://www.imf.org/external/pubs/ft/fandd/2012/12/people.htm>)

IT IS HARD to imagine a more accomplished—and more varied—career than that of Jeff Sachs. Harvard University granted him tenure in 1982 when he was only 28. In his early thirties, he helped Bolivia end its hyperinflation and restructure its debt. Only a few years later, he was drafting the Polish government’s blueprint for transition from communism to capitalism. Stints as advisor to the governments of Russia, Estonia, Burkina Faso, and India—among many others—followed. Sachs campaigned for debt relief for poor countries and, as an advisor to UN Secretary General

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Kofi Annan, developed a plan to achieve the Millennium Development Goals. Since 2002, as director of the Earth Institute at Columbia University, Sachs has set his sights even higher. The Institute, an interdisciplinary group of 850 people, addresses some of the world’s most difficult problems, from eradication of disease to global warming. All this has given Sachs a superstar status few economists enjoy. In 2005, MTV aired a documentary of Sachs traveling in Africa with the actress Angelina Jolie. Earlier, he had toured with Bono, the lead singer of the band U2, as part of a campaign for debt relief. One of Sachs’s Harvard colleagues at the time, noted economist Robert Barro, recalls that Sachs once invited him to lunch with Bono to discuss the campaign. Barro says his “instinct was to decline,” but he was overruled by his teenage daughter, who said: “Dad, this is the coolest thing imaginable . . . Of course you have to go.” Sachs’s work also provokes criticism that the policies he champions often have painful side effects. It’s a charge he vigorously denies: “In Bolivia, Poland, and Russia, my work was like an emergency room doctor’s. The patient was already in shock: hyperinflation, mass shortages, political instability, a collapsing currency, and pervasive fear. Armchair critics have little concept of the nature of such tumult, and of the challenges of devising policies in such confusion. Don’t blame the doctor for the condition of the patient coming into the emergency room.”

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### Bioweapons defense

#### No impact to bioweapons

**Dove 12** [Alan Dove, PhD in Microbiology, science journalist and former Adjunct Professor at New York University, “Who’s Afraid of the Big, Bad Bioterrorist?” Jan 24 2012, http://alandove.com/content/2012/01/whos-afraid-of-the-big-bad-bioterrorist/]

The second problem is much more serious. Eliminating the toxins, we’re left with a list of infectious bacteria and viruses. With a single exception, these organisms are probably near-useless as weapons, and history proves it.¶ There have been at least three well-documented military-style deployments of infectious agents from the list, plus one deployment of an agent that’s not on the list. I’m focusing entirely on the modern era, by the way. There are historical reports of armies catapulting plague-ridden corpses over city walls and conquistadors trying to inoculate blankets with Variola (smallpox), but it’s not clear those “attacks” were effective. Those diseases tended to spread like, well, plagues, so there’s no telling whether the targets really caught the diseases from the bodies and blankets, or simply picked them up through casual contact with their enemies.¶ Of the four modern biowarfare incidents, two have been fatal. The first was the 1979 Sverdlovsk anthrax incident, which killed an estimated 100 people. In that case, a Soviet-built biological weapons lab accidentally released a large plume of weaponized Bacillus anthracis (anthrax) over a major city. Soviet authorities tried to blame the resulting fatalities on “bad meat,” but in the 1990s Western investigators were finally able to piece together the real story. The second fatal incident also involved anthrax from a government-run lab: the 2001 “Amerithrax” attacks. That time, a rogue employee (or perhaps employees) of the government’s main bioweapons lab sent weaponized, powdered anthrax through the US postal service. Five people died.¶ That gives us a grand total of around 105 deaths, entirely from agents that were grown and weaponized in officially-sanctioned and funded bioweapons research labs. Remember that.¶ Terrorist groups have also deployed biological weapons twice, and these cases are very instructive. The first was the 1984 Rajneeshee bioterror attack, in which members of a cult in Oregon inoculated restaurant salad bars with Salmonella bacteria (an agent that’s not on the “select” list). 751 people got sick, but nobody died. Public health authorities handled it as a conventional foodborne Salmonella outbreak, identified the sources and contained them. Nobody even would have known it was a deliberate attack if a member of the cult hadn’t come forward afterward with a confession. Lesson: our existing public health infrastructure was entirely adequate to respond to a major bioterrorist attack.¶ The second genuine bioterrorist attack took place in 1993. Members of the Aum Shinrikyo cult successfully isolated and grew a large stock of anthrax bacteria, then sprayed it as an aerosol from the roof of a building in downtown Tokyo. The cult was well-financed, and had many highly educated members, so this release over the world’s largest city really represented a worst-case scenario.¶ Nobody got sick or died. From the cult’s perspective, it was a complete and utter failure. Again, the only reason we even found out about it was a post-hoc confession. Aum members later demonstrated their lab skills by producing Sarin nerve gas, with far deadlier results. Lesson: one of the top “select agents” is extremely hard to grow and deploy even for relatively skilled non-state groups. It’s a really crappy bioterrorist weapon.¶ Taken together, these events point to an uncomfortable but inevitable conclusion: our biodefense industry is a far greater threat to us than any actual bioterrorists.

**Prefer our ev – theirs inflates the threat**

Reynolds 5—Senior Fellow at the Cato Institute. Formerly Director of Economic Research at the Hudson Institute. AB in economics from UCLA. (Alan, The Fear Industry, 6 May 2007, http://www.cato.org/pub\_display.php?pub\_id=8234)

Neither gentleman has been at all apologetic about his role in grossly exaggerating the likely risks of biological terrorism. Mr. Wolfowitz once claimed Iraq had enough ricin to kill a million people, enough botulism to kill tens of millions and enough anthrax "to kill hundreds of millions." Terrorists throughout the world have managed to kill only five people with anthrax, one with ricin and zero with botulism or aflatoxin (added to the list by former Secretary of State Colin Powell). This not because terrorists don't want to kill people, but because killing is much easier to accomplish with bombs, guns and crashing airplanes. Even today, however, bureaucrats and politicians still remain easily persuaded to assign a higher priority (and bigger budgets) to extremely unlikely risks than to mundane but palpable threats to health and safety. I wrote a series of columns about the formidable obstacles to effectively delivering biological weapons, often quoting Mr. Wolfowitz or the CIA as examples of extreme gullibility or deception. I revealed many holes in the WMD fable before the Iraq invasion in, "The economics of war," "Hazy WMD definitions" and "The duct tape economy." Those were followed by "Intelligence without brains" in June 2003, "The CIA and WMD" in June 2004, "WMD Doomsday distractions" in April 2005 and "The cost of war in retrospect" in March 2006. Those columns can be found by sifting through archives under my bio at cato.org. The legacy of the 2002 WMD hoax lives on today in "Operation Bioshield" and other federal programs for doling out tax dollars to the multibillion-dollar fear industry. The fear industry begins by hiring lobbyists and subsidizing academics who, in turn, persuade journalists to write scary stories about hypothetical weapons. This science fiction game is not played for fun. It is played for money. It involves what Dale Rose of the University of California at San Francisco described as, "A cottage industry of risk analysts, disaster preparedness experts, psychologists, and others [who] have produced an array of theoretical work and conceptual grids around the issue of low probability, high consequence events." In response to pressure from academic centers whose main mission was to hype bioterrorism (including the infamously erroneous "Dark Winter" scenario of mid-2001), President Bush warned of "the use of the smallpox virus as a weapon of terror" in December 2002. The administration then spent hundreds of millions of dollars on smallpox vaccine for first responders and the military, but both groups (notably, physicians) shunned the risky shots. That was the most costly fiasco of its type since the swine flu vaccination program of 1976, which killed more people than swine flu did. Continuing the tradition, the U.S. government just contracted with Sanofi Pasteur to produce $100 million worth of avian flu vaccine -- of dubious effectiveness against avian flu acquired from birds, much less from any hypothetical pandemic strain that leaps to humans. Whether or not these programs save even one life per $100 million spent is irrelevant. The point is the millions spent. After most federal loot from research grants and vaccine stockpiles has been received, the mission is accomplished and the fear industry moves on to greener pastures. The scare stories about Danger A disappear, replaced with new stories about Danger B, then C and so on. The most reliable cash cow for the fear industry has been the five deaths from inhaling anthrax in October 2001. For those in the business of providing high-cost solutions to minuscule risks, this has been an endless bonanza. A recent news item provides a typical tip for fear investors: "Emergent BioSolutions of Rockville (Md.) said the U.S. government planned to order as many as 22.75 million doses of its anthrax vaccine." The government has spent at least $877 million on anthrax vaccine so far, or $175.4 million per death from anthrax. Sensing that sum may be pressing the limits, the fear industry is busily assembling new threats to scare up some more cash. The Health and Human Services Department reportedly plans to up its spending by more than $100 million on additional anthrax and smallpox vaccines. And it plans to spend more than $100 million to deal with radiation poisoning -- not even on this luxury list until former Russian spy Alexander Litvinenko was assassinated. Compared with anthrax vaccine, $100 million per death sounds cheap, even if he wasn't an American. But they did say "more than" $100 million, didn't they? The plan also "listed as a near-term priority the development of antibiotics for threats such as the plague or tularemia." Sure, why not? There was one unconfirmed case of plague in Texas in 1956. And in the summer of 2000, an outbreak of tularemia from lawn mowing in Martha's Vineyard resulted in one fatality. Whenever you hear the word "bioterrorism" in connection with large sums of federal money, just remember "WMD." Bioterrorism is just a different word for the same old WMD story retold in purely hypothetical terms, without even pretending someone actually has such agents or knows how to kill more than five people with them.