## 1AC

### 1AC – Adv 1

#### Advantage (1) is Agriculture

#### Warming real and is anthropogenic---reject negative evidence

**Prothero 12** [Donald R. Prothero, Professor of Geology at Occidental College and Lecturer in Geobiology at the California Institute of Technology, 3-1-2012, "How We Know Global Warming is Real and Human Caused," Skeptic, 17.2, EBSCO]

How do we know that global warming is real and primarily human caused? There are numerous lines of evidence that converge toward this conclusion. 1. 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 in the past few centuries, and the sudden increase of temperature of the past century stands out like a sore thumb. This famous graph 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 Litde Ice Age in 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 into the atmosphere by burning an unprecedented amount of coal, gas, and oil. 2. 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 longer),[ 4] 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.[ 5] 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 over 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. 3. Melting Glaciers Glaciers are all retreating at the highest rates ever documented. Many of those glaciers, along with snow melt, 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 which are 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 environments change.[ 6] 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. 4. Sea Level Rise All that melted ice eventually ends up in the ocean, causing sea levels to rise, as it has many times in the geologic past. At present, the 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 the sea level was virtually unchanged over the past 10,000 years since the present interglacial began. A few mm here or there doesn't impress people, until you consider that the rate is accelerating and that most scientists predict sea levels 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.[ 7] 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 low-elevation coastal cities such as New York, Boston, Philadelphia, Baltimore, Washington, D.C., Miami, and Shanghai. 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 an ocean liner 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 lie deep underwater. Climate Change Critic's Arguments and Scientists' Rebuttals Despite the overwhelming evidence there are many people who remain skeptical. One reason is that they have been fed distortions and misstatements by the global warming denialists who 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 ice cores from the EPICA (European Project for Ice Coring in Antarctica), which show the details of the last 650,000 years of glacial-inters glacial cycles (Fig. 2). 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 Medieval 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 Medieval Warm Period (about 950-1250 A.D.), the temperatures increased only 1°C, much less than we have seen in the current episode of global warming (Fig. 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 ( 5,000-9,000 B.C.E.) when warmer and wetter conditions in Eurasia contributed to 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.[ 8] From a Eurocentric viewpoint, these warming events seemed important, but on a global scale the effect was 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 remaining for the post-1940 warming is carbon dioxide.[ 9] "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 1940,[ 10] just the opposite of the critics' claims (Fig. 3). There is no evidence of an increase in cosmic ray particles during the past century.[ 11] 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 effects 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 year,[ 12] 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.[ 13] Every other alternative has been looked at and can be ruled out. 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 simply untrue. The only way to support this argument is to cherry-pick the data.[ 14] Over the short term, there was a slight cooling trend from 1998-2000, but only because 1998 was a record-breaking El Nino year, so the next few years look cooler by comparison (Fig. 4). But since 2002, the overall long-term trend of warming is unequivocal. 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.[ 15] In other words, every year since 2000 has been on the Top Ten hottest years list. The rest of the top 16 include 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 winter of 2009-2010, and also 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 oceano-graphic conditions.[ 16] 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 change critics 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. Also, 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 Competitive Enterprise Institute (funded by oil and coal companies and conservative foundations[ 17]) 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 gross inaccuracies in this ad.[ 18] True, 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 off balance 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 warming[ 19, 20] 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 research[ 21] 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. It is difficult to know if those who tell the public otherwise are ignorant of basic atmospheric science and global geochemistry, or if they are being cynically disingenuous. \* "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 right wing's rejection of the reality of climate change, but still want to be skeptical about the cause. If they want proof, they can examine the huge array of data that points directly to human caused global warming.[ 22] 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 the drop in oxygen as it combines with the increased carbon levels to produce carbon dioxide. We have satellites in space that are measuring the heat released from the planet and can actually see the atmosphere getting warmer. The most crucial evidence emerged only within 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 or 6 miles in elevation), but warming in the troposphere (the bottom layer below 10 km or 6 miles), and that's exactly what our space probes have measured. Finally, we can rule out any other suspects (see above): solar heat is decreasing since 1940, not increasing, and there are no measurable increases in cosmic rays, methane, volcanic gases, or any other potential cause. Face it -- it's our problem. Why Do People Continue to Question the Reality of Climate Change? Thanks to all the noise and confusion over climate change, 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.[ 23] As in the evolution/creationism debate, 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[ 24] 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 Zimmerman[ 25] surveyed all the climate scientists who were familiar with the data. They found that 95-99% agreed that global warming is real and human caused. 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 over anthropogenic global warming.[ 26] 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 were 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 memo[ 27] 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,[ 28] 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.[ 29] In February 2012, leaks of documents from the denialist Heartland Institute revealed that they were trying to influence science education, suppress the work of scientists, and had paid off many prominent climate deniers, such as Anthony Watts, all in an effort to circumvent the scientific consensus by doing an "end run" of PR and political pressure. Other leaks have shown 9 out of 10 major climate deniers are paid by ExxonMobil.[ 30] We are accustomed to 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. Fishing around to find anyone with some science background who will agree with you and dispute a scientific consensus is a tactic employed by the creationists to sound "scientific". The NCSE created a satirical "Project Steve,"[ 31] which demonstrated that there were more scientists who accept evolution named "Steve" than the total number 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 emails[ 32] 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.[ 33] 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 wrote: 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.[ 34] 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" cre-ationism 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.[ 35] 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. 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 (Fig. 5). 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.[ 36] \* Science and Anti-Science The conclusion is clear: there's science, and then there's the anti-science of global warming denial. As we have seen, there is a nearly unanimous consensus among climate scientists that anthropogenic global warming is real and that we must do something about it. Yet the smokescreen, bluster and lies of the deniers has created enough doubt so that only half of the American public is convinced the problem requires action. Ironically, the U.S. is almost alone in questioning its scientific reality. International polls taken of 33,000 people in 33 nations in 2006 and 2007 show that 90% of their citizens regard climate change as a serious problem[ 37] and 80% realize that humans are the cause of it.[ 38] Just as in the case of creationism, the U.S. is out of step with much of the rest of the world in accepting scientific reality. It is not just the liberals and environmentalists who are taking climate change seriously. Historically conservative institutions (big corporations such as General Electric and many others such as insurance companies and the military) are already planning on how to deal with global warming. Many of my friends high in the oil companies tell me of the efforts by those companies to get into other forms of energy, because they know that cheap oil will be running out soon and that the effects of burning oil will make their business less popular. BP officially stands for "British Petroleum," but in one of their ad campaigns about 5 years ago, it stood for "Beyond Petroleum."[ 39] Although they still spend relatively little of their total budgets on alternative forms of energy, the oil companies still see the handwriting on the wall about the eventual exhaustion of oil -- and they are acting like any company that wants to survive by getting into a new business when the old one is dying. The Pentagon (normally not a left-wing institution) is also making contingency plans for how to fight wars in an era of global climate change, and analyzing what kinds of strategic threats might occur when climate change alters the kinds of enemies we might be fighting, and water becomes a scarce commodity. The New York Times reported[ 40] that in December 2008, the National Defense University outlined plans for military strategy in a greenhouse world. To the Pentagon, the big issue is global chaos and the potential of even nuclear conflict. The world must "prepare for the inevitable effects of abrupt climate change -- which will likely come [the only question is when] regardless of human activity." Insurance companies have no political axe to grind. If anything, they tend to be on the conservative side. They are simply in the business of assessing risk in a realistic fashion so they can accurately gauge their future insurance policies and what to charge for them. Yet they are all investing heavily in research on the disasters and risks posed by climatic change. In 2005, a study commissioned by the re-insurer Swiss Re said, "Climate change will significantly affect the health of humans and ecosystems and these impacts will have economic consequences."[ 41] Some people may still try to deny scientific reality, but big businesses like oil and insurance and conservative institutions like the military cannot afford to be blinded or deluded by ideology. They must plan for the real world that we will be seeing in the next few decades. They do not want to be caught unprepared and harmed by global climatic change when it threatens their survival. Neither can we as a society.

#### It causes extinction

Flournoy 12 –Dan Flournoy, PhD and MA from the University of Texas, Former Dean of the University College at Ohio University, Former Associate Dean at State University of New York and Case Institute of Technology, Project Manager for University/Industry Experiments for the NASA ACTS Satellite, Currently Professor of Telecommunications at Scripps College of Communications @ Ohio University, January 2012, "Solar Power Satellites," Springer Briefs in Space Development

In the Online Journal of Space Communication , Dr. Feng Hsu, a NASA scientist at Goddard Space Flight Center, a research center in the forefront of science of space and Earth, writes, “The **evidence of global warming is alarming**,” noting the potential for a catastrophic planetary climate change is real and troubling (Hsu 2010 ) . Hsu and his NASA colleagues were engaged in monitoring and analyzing climate changes on a global scale, through which they received first-hand scientific information and data relating to global warming issues, including the dynamics of polar ice cap melting. After discussing this research with colleagues who were world experts on the subject, he wrote: I now have no doubt global temperatures are rising, and that global warming is a serious problem confronting all of humanity. No matter whether these trends are due to human interference or to the cosmic cycling of our solar system, there are two basic facts that are crystal clear: (a) there is overwhelming scientific evidence showing **positive correlations between the level of CO2 concentrations** in Earth’s atmosphere **with respect to** the historical **fluctuations of global temperature** changes; and (b) the overwhelming majority of the world’s scientific community is in agreement about the risks of a potential catastrophic global climate change. That is, if we humans continue to ignore this problem and do nothing, if we continue dumping huge quantities of greenhouse gases into Earth’s biosphere, humanity will be at dire risk (Hsu 2010 ) . As a technology risk assessment expert, Hsu says he can show with some confidence that the planet will face more risk doing nothing to curb its fossil-based energy addictions than it will in making a fundamental shift in its energy supply. “This,” he writes, “is because the risks of a catastrophic anthropogenic climate change can be potentially the **extinction of human species**, a risk that is simply too high for us to take any chances” (Hsu 2010 ) . It was this NASA scientist’s conclusion that humankind must now embark on the next era of “sustainable energy consumption and re-supply, the most obvious source of which is the mighty energy resource of our Sun” (Hsu 2010 ) (Fig . 2.1 ).

#### Warming magnifies all impacts and makes global conflicts inevitable

Ginsborg et al. 12 – Mikkel Funder, Signe Marie Cold-Ravnkilde and Ida Peters Ginsborg - in collaboration with Nanna Callisen Bang, Denmark Institute for International Studies, 2012, "ADDRESSING CLIMATE CHANGE AND CONFLICT IN DEVELOPMENT COOPERATION EXPERIENCES FROM NATURAL RESOURCE MANAGEMENT" www.diis.dk/graphics/Publications/Reports2012/RP2012-04-Addressing-climate-change\_web.jpg.pdf

2.2 Climate change as a conﬂict multiplier¶ Climate change is therefore best seen as a conﬂict multiplier, rather than as a major direct cause of conﬂict in itself. **Climate change may aggravate and extend the scope of existing conﬂicts, or trigger underlying and latent conﬂicts to break out into the open**. ¶ Previous studies have identiﬁed a number of areas in which **climate change may contribute to a worsening of conﬂicts** (Brown & Crawford 2009). These include:¶ • Land and water access. Access and use rights to land are a key feature in most situations where climate change has contributed to natural resource conﬂicts so far. Climate change can **intensify existing conﬂicts over land**, as land becomes less fertile or is ﬂooded, or if existing resource sharing arrangements between diﬀerent users and land use practices are disrupted. **In some parts of Africa, climate change may lead to a decline in available water resources of some 10–20% by the end of the century** (op cit.). This may **intensify existing competition** for access to water at intra-state and/or subnational levels. ¶ • Food security. Reduced rainfall and rising sea levels may lead to a decline in agricultural production and a substantial loss of arable land in some parts of Africa. Reduced yields for own consumption and increasing domestic food prices may in some cases lead to **civil unrest, and competition over access to land may intensify**.¶ • Migration and displacement. In some cases, increased scarcity of and competition over access to water and arable land may contribute to internal or regional migration, and disasters such as ﬂoods may lead to temporary or long-term local displacement. This may in turn **strengthen conﬂicts between host societies/communities and migrants** looking for access to new land and resources. ¶ • Increasing inequality and injustice. Through processes such as the above, some population groups may be particularly hard hit, leading to increased inequality and a sense of injustice. This may **intensify existing grievances and disputes** between natural resource users and/or between resource users and outside actors such as governments – thereby increasing the risk and intensity of conﬂict.

#### Natural constraints means sustainable agriculture is the *only* means for survival - mechanized systems will inevitably fail

**Peters 10** (Kathryn A., , LL.M, 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 “, 2010, <http://law.uoregon.edu/org/jell/docs/251/peters.pdf>)//moxley

An adequate food supply is essential for the survival of the human race. Historically, the U.S. food system has been one of abundance. However, degradation of the environment, climate change, dependence on foreign oil and food imports, urban development trends, and increased demand due to population growth and the emerging biofuel industry all threaten our food supply. In response to these threats, local-food and sustainable agriculture movements have recently formed to raise awareness of the need to pursue alternatives to the current system. In 2009, the White House acknowledged the importance of changing the way we grow food by planting an organic garden on its grounds.4 In the wake of the economic crisis of 2008, victory gardens, which were first made popular during the World War II era, have reemerged and created additional awareness of the need to pursue food production alternatives.5 Victory gardens and local sustainable agriculture reduce dependency on the established food production system, but, because the U.S. population is clustered in densely populated metropolitan areas,6 the majority of the population currently lacks access to land on which to grow food. In the face of environmental, economic, and social equity challenges, it is imperative that the government, at federal, state, and local levels, establish policies that promote sustainable urban agriculture to ensure access to an adequate food supply produced with minimal impact on the environment. Environmental threats stemming from climate change and the depletion and degradation of natural resources will increasingly impact the planet’s food production system. The current economic crisis has increased the burden on the government to provide relief in the forms of unemployment compensation8 and supplemental nutrition assistance.9 An inherent consequence of the economic crisis is a widening disparity between the rich and poor and increased social inequity between the socioeconomic classes in America. Establishing a sustainable urban agricultural system would reduce the environmental degradation that is caused by modern agricultural practices, reduce the financial strain on government resources by increasing urban productivity and enabling urbanites to grow a local food supply, and reduce socioeconomic disparities by providing less-advantaged populations in urban areas with access to an adequate supply of fresh, nutritious food. This Note discusses the harms of our current agricultural and urban development practices as well as the benefits of an urban agricultural system, both in terms of sustainability and food security. This Note also examines case studies of existing urban agricultural systems and makes recommendations for government incentives that would promote the development of a sustainable urban agricultural system. Specifically, Part I provides an overview of the history and current state of the U.S. industrial agricultural system. Part II examines the current urban development trend in the United States. Part III describes a sustainable urban agricultural system. Part IV discusses the principles of sustainability and then evaluates the current agricultural system, urban land development trends, and a sustainable urban agricultural system in terms of these principles. Part V presents a case study of Cuba, discussing the consequences of the collapse of the Soviet Union and the subsequent U.S. embargo on Cuba’s food supply, followed by Cuba’s development of a sustainable urban agricultural system. Part VI presents case studies of current urban gardening projects in several U.S. cities. Part VII discusses recommendations for federal, state, and local governments to incentivize urban agriculture and community garden projects throughout the United States

#### Only the *Cuban model* solves – US adoption allows for a shift to sustainable urban agriculture worldwide

**Peters 10** (Kathryn A., , LL.M, 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 “, 2010, <http://law.uoregon.edu/org/jell/docs/251/peters.pdf>)//moxley

In the years prior to 1990, Cuba was reliant upon industrial agriculture and foreign imports for its food supply.160 A study of the food shortage crisis Cuba experienced in the early 1990s demonstrates the vulnerability of the current U.S. food production and supply systems. Cuba’s subsequent shift to an urban agricultural system employing sustainable farming practices provides a model for change that could be used in the United States. A sustainable farming system would minimize the impacts of the food production system on the environment, reduce U.S. dependence on foreign resources, and create stable supplies of healthy and nutritious food within urban communities. Prior to the collapse of the Soviet Union, Cuba’s agricultural system was largely monocultural, highly mechanized, and dependent upon petrochemicals, oil, and machinery, similar to the present U.S. agricultural system.163 Much of Cuba’s land was dedicated to the production of sugar cane, which resulted in “increasing reliance on imports to satisfy the basic food requirements of the population.”164 Food imports from the Soviet Union made up fifty-seven percent of Cuba’s food supply.165 With the collapse of the Soviet Union in 1990 and the United States’ passage of the Torricelli Bill in 1992, which tightened the embargo against Cuba, Cuba was cut off from food production supplies, oil, and food imports.166 The impact of fuel shortages quickly resulted in food not being able to be refrigerated and transported into the urban areas.167 By 1992, Cuba was plunged into a food shortage crisis, with average daily caloric and protein intake dropping as much as thirty percent below levels seen during the 1980s.168 Due to the austerity of the wartime conditions and the implementation of government emergency measures without the presence of military conflict, this period of Cuba’s history has become known as the Special Period. Cuba’s Special Period serves as a model for the threat that exists when a nation’s food supply is tied to petroleum and food imports. In response to the food shortage crisis, Cubans in urban areas faced two options: starvation or self-sufficiency without reliance on chemical or mechanical technologies.170 Havana, with a population of 2.2 million, did not have a food production infrastructure and virtually no land had been dedicated to food production, which made the city particularly vulnerable to the threat of mass starvation.171 Independent of government action, Havaneros “spontaneously began to plant food crops in the yards, patios, balconies, rooftops and vacant land sites near their homes.”172 Those who had space began to raise chickens, rabbits, and pigs; neighborhoods came together to plant crops without the use of chemical inputs and machinery.173 Thus a sustainable, organic agricultural system was born within the urban areas of Cuba. Several years after the spontaneous development of urban gardens by Cuban residents, the Cuban Ministry of Agriculture created the Urban Agriculture Department to develop a state-supported infrastructure to aid and support urban gardens.175 The goal was to cultivate all of the city’s open land and provide extension services and resources for the newborn urban gardens.176 The Urban Agriculture Department works with Cuba’s agricultural research sector to develop information and resources to foster small-scale, sustainable urban agriculture.177

#### But, Cuban agriculture is at a critical turning point – capital shortages are causing a turn away from ecological sustainability – now is key delay, collapses Ag

M. Dawn King, Professor of Environmental Studies at Brown, 3/21/12

(Cuban Sustainability: The Effects of Economic Isolation on Agriculture and Energy, 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 diversify 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.

#### Failure to lift the embargo prevents foreign investment in organoponics – key to US and worldwide adoption

Shkolnick 12 (Jacob, JD Candidate at Drake, SIN EMBARGO: 1 THE CUBAN AGRICULTURAL REVOLUTION AND WHAT IT MEANS FOR THE UNITED STATES”, Fall 2012, 17 Drake J. Agric L 683, lexis)//moxley

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. As previously mentioned, recent changes in U.S. policy now allow for any individual in the United States, not simply relatives, to donate money to Cuban 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 [\*704] government or the Communist Party. n162 Specifically written into these new regulations is the idea that these remittances may be spent "to support the development of private businesses." n163 A five hundred dollar infusion of capital to support a fledging business or farm can be enormously beneficial when the average monthly salary is only 448 pesos, or approximately twenty dollars. n164 Additional 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 outside of Havana, indicated that farm animals such as oxen would remain the preferred choice for the foreseeable future on the small and midsized farms that make up the majority of the newer agricultural cooperatives. n165 Not only do farm animals not require gasoline or incur maintenance costs beyond perhaps an occasional 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. n166 Investment in agricultural cooperatives done in this manner will likely fail to see much return on the investment for their foreseeable future, until policies in both the United States and Cuba are changed. 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. Because the logistical structure needed to transport goods from large rural farms into city markets remains underdeveloped, urban and suburban agriculture makes up a growing portion of the food produced and consumed in Cuba. n169 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 [\*705] three-fourths of Cubans living in cities. n170 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. n171 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 dramatically. n172 Nearly every urban area has direct access to a wide variety of locally grown, organic produce. n173 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 production. n174 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. n175 The rise of the organoponic production method was a shift away from the earlier centralized production model 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 Agricultural Science, and continued development has been guided through intensive training and educational programs. n176 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 abandoned and unused land. A similar approach could be applied to the United States as a means to restore blighted areas. Applying Cuban-derived organoponics in U.S. cities could potentially open up an enormous amount of land that was previously unusable. From a business perspective, investing in an organoponic agricultural 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 further, potentially reaching $ 7 billion in 2012. n178 [\*706] 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. By utilizing Cuba's system of organoponics, 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. n180 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. n181 They have already used Cuba's organoponic farming methods to produce more than 50,000 pounds of produce since the spring of 2009. n182 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. n183 Cuba 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.

#### Only the US solves – Access to the US market is key to the continued viability of Cuban organics

William Kost, Economist at the US Department of Agriculture, 2004

(CUBAN AGRICULTURE: TO BE OR NOT TO BE ORGANIC?, <http://www.ascecuba.org/publications/proceedings/volume14/pdfs/kost.pdf>)

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.

#### Industrial agriculture is the root cause of warming, Amazon deforestation and wetland destruction – only a shift now solves

**Cummins 10** (Ronnie, founder and Director of the Organic Consumers Association (OCA), a non-profit, U.S. based network of 850,000 consumers, dedicated to safeguarding organic standards and promoting a healthy, just, and sustainable system of agriculture and commerce. The OCA’s primary strategy is to work on national and global campaigns promoting health, justice, and sustainability that integrate public education, marketplace pressure, media work, litigation, and grassroots lobbying. Cummins is also editor of OCA’s website www.organicconsumers.org (30,000 visitors a day) and newsletters, Organic Bytes (270,000 subscribers), and Organic View, he has served as director of US and international efforts such as the Pure Food Campaign, and the Global Days of Action Against GMOs. From 1992-98 Cummins served as a campaign director for the Foundation on Economic Trends in Washington, D.C, October 10th, 2010, “Industrial Agriculture and Human Survival: The Road Beyond 10/10/10”, <http://www.commondreams.org/view/2010/10/07-9>)//moxley

Industrial Food and Farming: A Deadly Root of Global Warming 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. Almost all U.S. food and farm-derived methane comes from factory farms, huge herds of confined cows, hogs, and poultry operations**, in turn made possible by heavily subsidized ($15 billion per year) GMO soybeans, corn, cottonseed, and canola; as well as rotting food waste thrown into landfills instead of being separated out of the solid waste stream and properly composted. To drastically reduce C02, methane, and nitrous oxide releases we need an immediate consumer boycott, followed by a government ban on factory farms, dairies, and feedlots. To reduce black carbon or soot emissions we will need to upgrade old diesel engines, and provide farmers and rural villagers in the developing world with alternatives to slash and burn agriculture (compost, compost tea, biochar) and non-polluting cook stoves and home heating. We also need to implement mandatory separation and recycling of food wastes and “green garbage” (yard waste, tree branches, etc.) at the municipal level, so that that we can reduce methane emissions from landfills. Mandatory composting will also enable us to produce large quantities of high quality organic compost to replace the billions of pounds of chemical fertilizer and sewage sludge, which are releasing GHGs, destroying soil fertility, polluting our waters, and undermining public health. Nearly all nitrous oxide pollution comes from dumping billions of pounds of synthetic nitrogen fertilizer and sewage sludge on farmland (chemical fertilizers and sludge are banned on organic farms and ranches), mainly to grow GMO crops and animal feed. Since about 80% of U.S. agriculture is devoted to producing non-organic, non-grass fed meat, dairy, and animal products, reducing agriculture GHGs means eliminating the overproduction and over-consumption of GMO crops, factory-farmed meat, and animal products. It also means creating massive consumer demand for organic foods, including pasture-raised, grass-fed animal products. **The fact that climate change is now metastasizing into climate chaos is indisputable**: massive flooding in Pakistan, unprecedented forest fires in Russia and the Amazon, melting of the glaciers that supply water for crops and drinking water of a billion people in Asia and South America, crop failures in regions all over the globe, record heat waves in the U.S. and Europe, methane leaking from the Arctic tundra and coastlines, killer hurricanes in the Gulf of Mexico and Central America, and steadily spreading pestilence, crop failures, and disease. The realization that every time we eat non-organic processed food, we are ingesting unlabeled, hazardous GMO foods and pesticides is indeed alarming. **But the impending threat of industrial food and farming detonating runaway climate change (i.e. moving from our current .8 degree Centigrade average global rise in temperature to 2-6 degrees) is terrifying**. Either we rein in industrial food and farming and GMOs, out-of-control politicians and corporations, and make the transition to an organic and green economy or we will perish.

#### Independently, Industrial agriculture causes a laundry list of impacts

**Cummins 10** (Ronnie, founder and Director of the Organic Consumers Association (OCA), a non-profit, U.S. based network of 850,000 consumers, dedicated to safeguarding organic standards and promoting a healthy, just, and sustainable system of agriculture and commerce. The OCA’s primary strategy is to work on national and global campaigns promoting health, justice, and sustainability that integrate public education, marketplace pressure, media work, litigation, and grassroots lobbying. Cummins is also editor of OCA’s website www.organicconsumers.org (30,000 visitors a day) and newsletters, Organic Bytes (270,000 subscribers), and Organic View, he has served as director of US and international efforts such as the Pure Food Campaign, and the Global Days of Action Against GMOs. From 1992-98 Cummins served as a campaign director for the Foundation on Economic Trends in Washington, D.C, October 10th, 2010, “Industrial Agriculture and Human Survival: The Road Beyond 10/10/10”, <http://www.commondreams.org/view/2010/10/07-9>)//moxley

The hour is late. **Leading climate scientists such as Dr. James Hansen of NASA and the Intergovernmental Panel on Climate Change have delivered the final warning. “Business as usual”** equals unimaginable disaster**. Leading greenhouse gas polluters** (namely the US, Canada, Europe, Japan, Russia, India, and China) must slash CO2, methane, soot, and nitrous oxide emissions by 20-40% as soon as possible, 50% by 2010, **and 80-90% by the year 2050**. **Continued business as usual, especially in the strategic GM and industrial food and farming sector, means we will inevitably** burn up the Amazon and remaining tropical forests; acidify and kill the oceans; generate mega-drought, violent floods, crop failures, endless resource wars, melt the polar icecaps, precipitate a disastrous rise in ocean levels, and finally bring about the coup de grace that will kill us all, releasing massive amount of methane from the frozen tundra and shallow ocean floors of the Arctic.

### 1AC – Adv 2

#### Advantage (2) is Instability: multiple impacts

#### LNG tanker explosions cause catastrophic damage – outweighs nuclear war

Lovin 1 (Amory B., Chief Scientist of the [Rocky Mountain Institute](http://en.wikipedia.org/wiki/Rocky_Mountain_Institute), and L. Hunter Lovin, President – National Capitalism and Co-Founder – Rocky Mountain Institute, “Brittle Power: Energy Strategy for National Security”, http://verdilivorno.it/doc\_gnl/198204\_Brittle\_Power\_intro\_GNL\_note.pdf)

About nine percent of such a tankerload of LNG will probably, if spilled onto water, boil to gas in about five minutes. 3 (It does not matter how cold the water is; it will be at least two hundred twenty-eight Fahrenheit degrees hot- ter than the LNG, which it will therefore cause to boil violently.) The result- ing gas, however, will be so cold that it will still be denser than air. It will therefore flow in a cloud or plume along the surface until it reaches an ignition source. Such a plume might extend at least three miles downwind from a large tanker spill within ten to twenty minutes. 4 It might ultimately reach much farther—perhaps six to twelve miles. 5 If not ignited, the gas is asphyxiating. If ignited, it will burn to completion with a turbulent diffusion flame reminiscent of the 1937 Hindenberg disaster but about a hundred times as big. Such a fireball would burn everything within it, and by its radiant heat would cause third-degree burns and start fires a mile or two away. 6 An LNG fireball can blow through a city, creating “a very large number of ignitions and explosions across a wide area. No present or foreseeable equipment can put out a very large [LNG]... fire.” 7 The energy content of a single standard LNG tanker (one hundred twenty-five thousand cubic meters) is equivalent to seven-tenths of a megaton of TNT, or about fifty-five Hiroshima bombs.

#### Bioterrorism results in extinction

Sandberg et al 8 – Research Fellow at the Future of Humanity Institute at Oxford University. PhD in computation neuroscience, Stockholm—AND—Jason G. Matheny—PhD candidate in Health Policy and Management at Johns Hopkins. special consultant to the Center for Biosecurity at the University of Pittsburgh—AND—Milan M. Ćirković—senior research associate at the Astronomical Observatory of Belgrade. Assistant professor of physics at the University of Novi Sad. (Anders, How can we reduce the risk of human extinction?, 9 September 2008, http://www.thebulletin.org/web-edition/features/how-can-we-reduce-the-risk-of-human-extinction)

The risks from anthropogenic hazards appear at present larger than those from natural ones. Although great progress has been made in reducing the number of nuclear weapons in the world, humanity is still threatened by the possibility of a global thermonuclear war and a resulting nuclear winter. We may face even greater risks from emerging technologies. Advances in synthetic biology might make it possible to engineer pathogens capable of extinction-level pandemics. The knowledge, equipment, and materials needed to engineer pathogens are more accessible than those needed to build nuclear weapons. And unlike other weapons, pathogens **are self-replicating, allowing a small arsenal to become exponentially destructive**. Pathogens have been implicated in the extinctions of many wild species. Although most pandemics "fade out" by reducing the density of susceptible populations, pathogens with wide host ranges in multiple species can reach even isolated individuals. The intentional or unintentional release of engineered pathogens with high transmissibility, latency, and lethality might be capable of causing human extinction. While such an event seems unlikely today, the likelihood may increase as biotechnologies continue to improve at a rate rivaling Moore's Law.

#### African conflicts cause great power war

Glick 7 (Caroline – senior Middle East fellow at the Center for Security Policy, Condi’s African holiday, p. http://www.centerforsecuritypolicy.org/home.aspx?sid=56&categoryid=56&subcategoryid=90&newsid=11568)

The Horn of Africa is a dangerous and strategically vital place. Small wars, which rage continuously, can easily escalate into big wars. Local conflicts have regional and global aspects. All of the conflicts in this tinderbox, which controls shipping lanes from the Indian Ocean into the Red Sea, can potentially give rise to regional, and indeed global conflagrations between competing regional actors and global powers. Located in and around the Horn of Africa are the states of Eritrea, Djibouti, Ethiopia, Somalia, Sudan and Kenya. Eritrea, which gained independence from Ethiopia in 1993 after a 30-year civil war, is a major source of regional conflict. Eritrea has a nagging border dispute with Ethiopia which could easily ignite. The two countries fought a bloody border war from 1998-2000 over control of the town of Badme. Although a UN mandated body determined in 2002 that the disputed town belonged to Eritrea, Ethiopia has rejected the finding and so the conflict festers. Eritrea also fights a proxy war against Ethiopia in Somalia and in Ethiopia's rebellious Ogaden region. In Somalia, Eritrea is the primary sponsor of the al-Qaida-linked Islamic Courts Union which took control of Somalia in June, 2006. In November 2006, the ICU government declared jihad against Ethiopia and Kenya. Backed by the US, Ethiopia invaded Somalia last December to restore the recognized Transitional Federal Government to power which the ICU had deposed. Although the Ethiopian army successfully ousted the ICU from power in less than a week, backed by massive military and financial assistance from Eritrea, as well as Egypt and Libya, the ICU has waged a brutal insurgency against the TFG and the Ethiopian military for the past year. The senior ICU leadership, including Sheikh Hassan Dahir Aweys and Sheikh Sharif Ahmed have received safe haven in Eritrea. In September, the exiled ICU leadership held a nine-day conference in the Eritrean capital of Asmara where they formed the Alliance for the Re-Liberation of Somalia headed by Ahmed. Eritrean President-for-life Isaias Afwerki declared his country's support for the insurgents stating, "The Eritrean people's support to the Somali people is consistent and historical, as well as a legal and moral obligation." Although touted in the West as a moderate, Ahmed has openly supported jihad and terrorism against Ethiopia, Kenya and the West. Aweys, for his part, is wanted by the FBI in connection with his role in the bombing of the US embassies in Kenya and Tanzania in 1998. Then there is Eritrea's support for the Ogaden separatists in Ethiopia. The Ogaden rebels are Somali ethnics who live in the region bordering Somalia and Kenya. The rebellion is run by the Ogaden National Liberation Front (ONLF) which uses terror and sabotage as its preferred methods of warfare. It targets not only Ethiopian forces and military installations, but locals who wish to maintain their allegiance to Ethiopia or reach a negotiated resolution of the conflict. In their most sensationalist attack to date, in April ONLF terror forces attacked a Chinese-run oil installation in April killing nine Chinese and 65 Ethiopians. Ethiopia, for its part has fought a brutal counter-insurgency to restore its control over the region. Human rights organizations have accused Ethiopia of massive human rights abuses of civilians in Ogaden. Then there is Sudan. As Eric Reeves wrote in the Boston Globe on Saturday, "The brutal regime in Khartoum, the capital of Sudan, has orchestrated genocidal counter-insurgency war in Darfur for five years, and is now poised for victory in its ghastly assault on the region's African populations." The Islamist government of Omar Hasan Ahmad al-Bashir is refusing to accept non-African states as members of the hybrid UN-African Union peacekeeping mission to Darfur that is due to replace the undermanned and demoralized African Union peacekeeping force whose mandate ends on December 31. Without its UN component of non-African states, the UN Security Council mandated force will be unable to operate effectively. Khartoum's veto led Jean-Marie Guehenno, the UN undersecretary for peacekeeping to warn last month that the entire peacekeeping mission may have to be aborted. And the Darfur region is not the only one at risk. Due to Khartoum's refusal to carry out the terms of its 2005 peace treaty with the Southern Sudanese that ended Khartoum's 20-year war and genocide against the region's Christian and animist population, the unsteady peace may be undone. Given Khartoum's apparent sprint to victory over the international community regarding Darfur, there is little reason to doubt that once victory is secured, it will renew its attacks in the south. The conflicts in the Horn of Africa have regional and global dimensions. Regionally, Egypt has played a central role in sponsoring and fomenting conflicts. Egypt's meddling advances its interest of preventing the African nations from mounting a unified challenge to Egypt's colonial legacy of extraordinary rights to the waters of the Nile River which flows through all countries of the region.

#### Caucasus conflict goes nuclear

Joshua **Kucera, 12/28**/2011. Freelance journalist specializing in Central Asia and the Caucasus. “Predicting Conflict in 2012: Karabakh? Tajikistan? Uzbekistan? Iran?” EurasiaNet, http://www.eurasianet.org/node/64765.

And in Komsomolskaya Pravda, Mikhail Barabanov of the Center for Analysis of Strategies and Technologies and Moscow Defense Brief discusses a recent claim by Chief of the General Staff Nikolai Makarov that the chance of Russia getting involved in a war have recently increased. (Translation by Johnson's Russia List):

Major Western countries and first and foremost the United States might intervene in conflicts on the territory of the former Soviet Union. It will serve as casus belli. The countries that comprise the CIS Collective Security Treaty Organization **belong to the zone of Russia's** strategic interests... **vital interests**. Should the United States or other NATO countries decide to try and get a foothold there, it will create conditions for direct clashes between their armies and the Russian Armed Forces. Things might **escalate into a nuclear exchange**, you know.

#### Castro’s reforms will inevitably fail – that triggers economic and social collapse

**Morales 8-23-13** (Ermilio, He holds a B.S. in Computer Science from the José Antonio Echevarría Higher Polytechnic Institute in Havana, and a Masters in Marketing from the University of Havana. He also earned an MBA from the Higher School of Marketing in Madrid, Spain. As a high-ranking professional in Cuba, he worked for more than 10 years in marketing research, and authored or co-authored more than 50 different government marketing studies of products and services in the health-care field, tourism, cell phones, retailing, medical equipment, tourism, and investment strategies. He provided technical service for the Cuban government in a variety of binational projects in South Africa, Argentina and Canada, “Cuban reforms: the ultimate utopia?” August 23rd, 2013, <http://thehavanaconsultinggroups.com/index.php?option=com_content&view=article&id=348%3Acuban-reforms-the-ultimate-utopia&catid=47%3Aeconomy&lang=en>)//moxley

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. Unofficial routes → Departamento de Aduanas y Protección de Fronteras (CBP) and US Customs and Border Protection 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 Source: Calculated by The Havana Consulting Group, based on information from the Oficina Nacional de Estadísticas e Información (ONEI) **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 in tact, 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.

#### Normalization of relations is inevitable – only an immediate and complete rollback of the embargo can ensure successful reform and prevent Cuban collapse

Timothy Ashby, Senior Research Fellow at the Council on Hemispheric Affairs, 3/29/13

(PRESERVING STABILITY IN CUBA AFTER NORMALIZING RELATIONS WITH THE UNITED STATES – THE IMPORTANCE OF TRADING WITH STATE-OWNED ENTERPRISES, www.coha.org/preserving-stability-in-cuba-timothy-ashby/)

Cuba under Raúl Castro has entered a new period of economic, social, and political transformation. Reforms instituted within the past few years have brought the expansion of private sector entrepreneurial activity, including lifting restrictions on the sales of residential real estate, automobiles, and electronic goods. Additional reforms included, more than a million hectares of idle land has been leased to private farmers, where citizens have been granted permission to stay in hotels previously reserved for tourists, and freedom being granted for most Cubans to travel abroad. Stating that it was time for the “gradual transfer” of “key roles to new generations,” President Raúl Castro announced that he will retire by 2018, and named as his possible successor a man who was not even born at the time of the Cuban Revolutio The twilight of the Castro era presents challenges and opportunities for U.S. policy makers. Normalization of relations is inevitable, regardless of timing, yet external and internal factors may accelerate or [slow] ~~retard~~ the process. The death of Venezuelan President Hugo Chávez is likely to undermine the already dysfunctional Cuban economy, if it leads to reductions in oil imports and other forms of aid. This could bring social chaos, especially among the island’s disaffected youth. Such an outcome would generate adverse consequences for U.S. national and regional security. To maintain Cuba’s social and economic stability while reforms are maturing, the United States must throw itself open to unrestricted bilateral trade with all Cuban enterprises, both private and state-owned. The collapse of Cuba’s tottering economy could seismically impact the United States and neighboring countries. It certainly did during the Mariel Boatlift of 1980, precipitated by a downturn in the Cuban economy which led to tensions on the island. Over 125,000 Cuban refugees landed in the Miami area, including 31,000 criminals and mental patients. Today, the United States defines its national security interests regarding Cuba as follows: • Avoid one or more mass migrations; • Prevent Cuba from becoming another porous border that allows continuous large-scale migration to the hemisphere; • Prevent Cuba from becoming a major source or transshipment point for the illegal drug trade; • Avoid Cuba becoming a state with ungoverned spaces that could provide a platform for terrorists and others wishing to harm the United States. [2] All of these national security threats are directly related to economic and social conditions within Cuba. U.S. policy specifically supports “a market-oriented economic system” [3] toward Cuba, yet regulations prohibit the importation of any goods of Cuban origin, whether from the island’s potentially booming private sector–including 300,000 agricultural producers–or State-Owned Enterprises (“SOEs”). [4] Such a policy is counterproductive to U.S. interests. Regardless of over 400,000 entrepreneurs, including agricultural cultivators, it could be many years, if ever, when Cuba’s private sector would be ready to serve as the engine of economic growth. SOEs employ 72 percent of Cuban workers. [5] A rational commercial rapprochement towards Cuba would therefore require a change in current laws and in the system of regulations prohibiting the importation of Cuban goods and products. Normalized bilateral trade will benefit the Cuban people by helping to provide economic stability and fostering the growth of a middle class–both of which are essential for the foundation of democratic institutions. Two-way trade must include both Cuba’s private sector as well as SOEs.

#### Cuban instability results in Caribbean instability, terrorism, democratic backsliding, and distracts the US from critical hotspots including Africa, the Caucus, and North Korea

Gorrell 5 (Tim, Lieutenant Colonel, “CUBA: THE NEXT UNANTICIPATED ANTICIPATED STRATEGIC CRISIS?” 3/18, 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?

#### Caribbean instability causes bioterrorism and LNG explosions

Bryan 1 (Anthony T., Director of the Caribbean Program – North/South Center, and Stephen E. Flynn, Senior Fellow – Council on Foreign Relations, “Terrorism, Porous Borders, and Homeland Security: The Case for U.S.-Caribbean Cooperation”, 10-21, http://www.cfr.org/publication/4844/terrorism\_porous\_borders\_and \_homeland\_ security.html)

Terrorist acts can take place anywhere. The Caribbean is no exception. Already the linkages between drug trafficking and terrorism are clear in countries like Colombia and Peru, and such connections have similar potential in the Caribbean. The security of major industrial complexes in some Caribbean countries is vital. Petroleum refineries and major industrial estates in Trinidad, which host more than 100 companies that produce the majority of the world’s methanol, ammonium sulphate, and 40 percent of U.S. imports of liquefied natural gas (LNG), are vulnerable targets. Unfortunately, as experience has shown in Africa, the Middle East, and Latin America, terrorists are likely to strike at U.S. and European interests in Caribbean countries. Security issues become even more critical when one considers the possible use of Caribbean countries by terrorists asbases from which to attack the United States. An airliner hijacked after departure from an airport in the northern Caribbean or the Bahamas can be flying over South Florida in less than an hour. Terrorists can sabotage or seize control of a cruise ship after the vessel leaves a Caribbean port. Moreover, terrorists with false passports and visas issued in the Caribbean may be able to move easily through passport controls in Canada or the United States. (To help counter this possibility, some countries have suspended "economic citizenship" programs to ensure that known terrorists have not been inadvertently granted such citizenship.) Again, Caribbean countries are as vulnerable as anywhere else to the clandestine manufacture and deployment of biological weapons within national borders.

### 1AC – Plan

#### The United States federal government should substantially increase its economic engagement toward the Republic of Cuba.

### 1AC – Solvency

#### Only *full removal* of the embargo solves – the current policy is causing anti-americanism, terrorism, and risks a crisis – partial or conditioned removal is worse than the status quo.

Gorrell 05 Lieutenant Colonel, U.S. Army War College [Lieutenant Colonel Tim Gorrell, Cuba: The Next Unanticipated Anticipated Strategic Crisis?, Strategy Research Project, 18 March 2005, U.S. Army War College, http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA433074]

RETAIN SANCTIONS AGAINST CUBA, BUT ENFORCE THEM IN VARYING DEGREES DEPENDING ON THE POLITICAL CLIMATE AND THE CUBAN REGIME’S CONDUCT IN REGARD TO AMERICAN INTERESTS Throughout the past 15 years, the U.S. has experimented with a variable enforcement option. During the Clinton administration, restrictions were occasionally eased. For example, in March 1998, President Clinton announced: 1) the resumption of licensing for direct humanitarian charter flights to Cuba; 2) the resumption of cash remittances up to $300 per quarter for the support of close relatives in Cuba; 3) the development of licensing procedures to streamline and expedite licenses for the commercial sale of medicines and medical supplies and equipment; and 4) a decision to work on a bipartisan basis with Congress on the transfer of food to the Cuban people.33 In January 1999, President Clinton ordered additional measures to assist the Cuban people, which included further easement of cash remittances, expansion of direct passenger charter flights to Cuba, reestablishment of direct mail service, authorization for the commercial sale of food to independent entities in Cuba, and an expansion of people-to-people exchanges (i.e. scientist, students, athletes, etc.)34 This policy ended when the new administration failed to see any reciprocal progress from Castro. Fragmenting the policy process may do more harm than good. It does too little too late and causes hard feelings among Cubans and American businesses. The carrot-stick diplomatic approach will not make Castro yield. Such policy breeds inconsistency as it can vary from administration to administration, as it has between the Clinton and Bush administrations. The rules constantly change and thus have a ripple effect on American businesses and the quality of life of Americans, Cuban-Americans and native Cubans. Cuban trade has already declined to a trickle since the Bush administration sought to further squeeze the Castro government. Prior to the Bush administration’s trade crack down, 2004 was emerging as a record year for U.S. imports to Cuba. By the end of December 2004 U.S. suppliers and shippers were projected to have earned some $450 million, a 20% increase over 2003 sales.35 Imposing restrictions, as the Bush administration did in June 2004, perplexed American businesses with unpredicted problems. These businesses make adjustments, as do Cuban- American citizens, then must abruptly alter their business strategies because of a Congressional vote or an Executive order. This political tug-of-war does not move the U.S. any closer to realizing its security objectives. On the Cuban American front there is eroding support for this U.S. policy position. In the 2000 presidential election, President Bush won 81% of south Florida’s Cuban-American vote. A recent poll by the William C. Veleasquez Institute-Mirram Global indicates that his support today has fallen to 66%.36 This decline signals a negative response to policy that limits travel, restricts the amount of goods people can bring to their relatives, and places limitations on sending money to family in Cuba. Cuban-Americans believe that this only hurts their poor relatives in Cuba. According to Jose Basulto, head of Brothers to the Rescue, and Ramon Raul Sanchez, head of the anti-Castro Democracy Movement, the U.S. government is using the Cuban people to harass Castro.37 Applying policy in a give-and-take manner, accomplishes little to facilitate the fall of Castro. The Cuban people enjoy brief periods of limited benefits, only to have these benefits withdrawn should the President or members of Congress wish to take another jab at Castro. American civilian businesses are also negatively affected. LIFT ALL SANCTIONS AND PURSUE NORMAL DIPLOMATIC RELATIONS WITH CUBA Normalcy is the only policy that the U.S. has not attempted. The present policy misses the security implications, alienates allies and others worldwide, harms U.S. businesses, and is losing support domestically. First, the U.S. must reassess the threat posed by Cuba. There is, in fact, virtually no security threat. Further, policies that were applicable in the past, when there was a threat, should not be applied to the current environment. The U.S. Cuban policy is perplexing because it appears to conflict with the ends, ways and means that the National Security Strategy is applied in other regions of the world. The U.S. has normalized relations with Vietnam and Libya and has certainly opted for an open dialogue with Communist China. Likewise, there is abundant evidence that a new policy toward Cuba could very well achieve the ends that 43 years of embargo have failed to accomplish. Secondly, Cuba currently trades and has diplomatic ties with much of the world. The goal of U.S. sanctions is to isolate the Cuban regime; however, they have only slowed, not deterred economic growth. On 4 November 2003 the United Nations voted, for the 12th straight year, 173 to 3 (with 4 abstentions) against the four-decade U.S. embargo against Cuba.38 Voting with the U.S. were Israel and the Marshall Islands. The U.S.’ staunchest allies, the 15 members of the European Union, along with Japan, Australia and New Zealand, all object to the “extra-territorial” effect of U.S. legislation that they feel violates their sovereignty. 39 There are two schools of thought regarding trade and democracy. The first is that economic growth will promote democracy. The other questions this notion and argues that democracy must come first.40 There is strong opinion, however, that in Cuba’s case economic engagement will bring about the desired results. Certainly many Cuban-Americans and perhaps some others in the world would not agree with this course of action. However, there is evidence that a significant number of people both within the U.S. and abroad favor a policy change. In 1992 a pastoral letter from Cuba’s Bishops stated that the US embargo “directly affects the people who suffer the consequences in hunger and illness. If what is intended by this approach is to destabilize the government by using hunger and want to pressure civic society to revolt, then the strategy is also cruel.“41 The third consideration is U.S. business. Under the current rules, U.S. businesses are permitted to sell agricultural produce to Cuba.42 Today 27 firms from 12 U.S. states are doing business with Cuba, making Cuba 22nd among U.S. agricultural markets.43 These business activities are greatly influenced by Cuban-Americans and members of Congress. The economic power of the U.S. can be our most powerful weapon. The possibilities of economic engagement offer a myriad of branches and sequels that could promote a rapport between the American people and the Cubans. The aggressive pursuit of these endeavors would go far in ensuring an orderly transition to a post-Castro Cuba. It is an erroneous assumption to believe that Castro’s demise will miraculously trigger reform and all the problems of the last 40 years will vanish. A visionary policy, albeit constrained within the parameters of the Castro regime, will go far in setting agreeable social-economic conditions in Cuba both now and in the future. Finally, public opinion in the U.S. favors a new policy direction. A 1997 Miami Herald poll found that a majority of Cubans under the age of 45 supported “establishing a national dialogue with Cuba,” whereas for the most part their elders opposed such dialogue.44 Former President Jimmy Carter, writing in the Washington Post after his May 2002 visit to Cuba, reported that he found an unexpected degree of economic freedom. Carter went on to say that if Americans could have maximum contact with Cuban, then Cubans would clearly see the advantages of a truly democratic society and thus be encouraged to bring about orderly changes in their society. 45 Castro himself appears willing to consider greater reform. In 1998 he permitted Pope John Paul II to visit Cuba; Cubans are permitted to own property; he has opened trade; and in 2002 he broadcast former President Jimmy Carter’s address at the University of Havana.46 Additionally, he indicated that the Cuban government would return any of the Guantanamo detainees in the unlikely event that they would escape.47 CONCLUSION AND RECOMMENDATION U.S. policy makers need to confront the real Cuba of today in order to build a “free” Cuba of tomorrow that is capable of taking its place in the world community as a responsible, democratic nation. Given the history of the past 100 years, and particularly our Castro centric policy, the U.S. needs to make a bold change toward Cuba. The U.S. has pursued a hard-line approach toward the Castro regime for over 40 years. While this policy was easily justified during the Cold War era and, to a certain degree, during the 1990s, it fails to address the present U.S. national security concerns. The globalization trends of the 21st century are irreversible, Fidel Castro is in the twilight of his life, and a new generation of Cuban-Americans is supportive of new strategies that will ease the transition to a post-Castro Cuba while buttressing economic and social opportunities in the near term. Furthermore, there is a new dimension that U.S. policy strategists must take into account in deciding the course of U.S.- Cuba relations – the GWOT. World-wide asymmetrical threats to U.S. interests, coupled with the Iraqi occupation and the potential for any one of the present hot spots (i.e. Iran, North Korea, Taiwan, etc.) to ignite, should prompt strategic leaders to work harder to mitigate a potential Caribbean crises. The prudent action would then be to develop strategies that can defuse or neutralize these situations before they require the U.S. to divert resources from protecting its interests in the GWOT. Therefore, the U.S. can best serve its security, the Cuban people, and the Western Hemisphere by abandoning the present draconian policy toward Cuba. The U.S. should implement a new policy designed to achieve its goals through lifting all sanctions and pursuing normalized diplomatic relations; encouraging people-to-people dialogue and trade. The policy should continue to pursue human rights, democracy, and free market ends. However, the ways to realize these objectives should be grounded in full economic engagement, an approach that has not been fully attempted. The present U.S. policy has failed miserably. What does the most powerful nation on earth have to lose by attempting a bold shift in its policy toward Cuba?

#### Lifting of the embargo is inevitable – triggers your disads

**Ediger 9/19/12** – (Don, “Cuba Post-Castro Future” Masters from the University of Southern California and a writer for Consortium News with background at the Sacramento Master Club, Consortium News is a peer-reviewed and edited News service with reviewers from the Associated Press and Newsweek, Available online @ http://consortiumnews.com/2012/09/19/cubas-post-castro-future/)

With Fidel Castro now 86 and his brother Raul at 81, big changes appear inevitable in Cuba over the next few years. Cuban-Americans are ramping up investment plans, assuming the U.S. government will finally lift the embargo. But the future may not be all that’s expected, reports Don Ediger.¶ By Don Ediger¶ For more than 50 years, Cuban-Americans have been looking for ways to end the Castro regime. Today their plans are being re-shaped in ways that would have been all but unthinkable only a few years ago – and these plans will be affected by the outcome of U.S. presidential elections.¶ Most Cuban-Americans now believe that a transition to democracy may require a period of many years. In the meantime, a growing number of them are exploring ways to profit from a country that has been off limits for most American companies.¶ Cuban leader Fidel Castro speaking at the Jose Marti Monument in 2003. (Photo credit: Ricardo Stuckert/ABr.)¶ The key to this new strategy is an option that until recently wasn’t even open to discussion – ending the U.S. embargo. That is more likely to happen, Cuba experts say, if Barack Obama is reelected, because Democrats are traditionally more open to options regarding the embargo. There’s also growing doubt about whether outlawing Cuban imports actually hurts the regime.¶ “Personally, I think that the embargo is a completely failed policy,” says Miami attorney Antonio Zamora, referring to the 50-year-old law that was imposed after the Castro regime expropriated private property. In all those years, Zamora points out, only a few property owners have ever been compensated.¶ Though largely overlooked by the media, major shifts in Florida demographics make repeal of the embargo much more likely. Numbering more than one million, Cuban-Americans have been the largest Hispanic group in Florida, and for many years they overwhelmingly favored keeping the embargo in place. To win elections in Florida – the country’s largest swing state – politicians of both parties have traditionally promised to uphold the embargo for fear of alienating Cuban voters.¶ Now that’s changing. Hispanics from Puerto Rico, the Dominican Republic, Venezuela, Mexico and other Latin American countries are growing faster in numbers than those from Cuba. And while Cuban-Americans are mostly Republicans, others in Florida are heavily Democratic.¶ Moreover, Cuban-Americans themselves are changing their mind about the embargo. According to a recent study by the Cuban Research Institute at Florida International University (FIU), most Cuban-Americans in Miami would agree with Zamora that the embargo hasn’t worked well. In fact, 47 percent would like to see the embargo lifted.¶ “This is probably the first presidential election in which Cuba is not a top issue for the Cuban-American community,” says Andy Gomez, senior fellow at the University of Miami’s Institute for Cuban and Cuban-American Studies. A member of Mitt Romney’s staff phoned Gomez last year to get his advice on the topics that Romney should address when he visits Miami. Gomez’s answer wasn’t Cuba but jobs and the economy.¶ It’s not that Cuban-Americans are no longer interested in Cuba, Gomez says, but that they are “tired of the same thing over and over again.”¶ There’s a growing consensus among Cuban-Americans that lifting the embargo won’t help the Castros retain power – as some once thought – because the regime has been thoroughly entrenched for more than five decades. When Fidel Castro became ill six years ago, some experts thought the end was near, but today they discuss a variety of scenarios.¶ As Jose Gabilondo of FIU’s Cuban Research Institute explains it: “The logic of the U.S. embargo is ‘Let’s create conditions of civil unrest in Cuba by creating conditions of economic hardship such that there will be a popular uprising that will lead to a revolution.’ I reject that approach. I don’t think it makes sense.”¶ The other approach, Gabilondo says, “is to realize that transition is already happening in Cuba – slowly, and one deal at a time.”¶ A Vietnam-Style Scenario¶ The most likely scenario, many experts believe, is for Cuba to follow a path similar to Vietnam’s – continuing as an authoritarian socialist state but also opening up trade with the United States.¶ Several Cuban-American groups are already gearing up for this possibility, which comes with the prospect of huge profits for American companies once the embargo is lifted. There’s also a sentiment in the community that opening up trade might also provide the Cuban government with an incentive to be less repressive.¶

#### The unconditional offer of normal trade relations boosts US-Cuban relations and fosters a stable transition – that’s key to American soft-power

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

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 orm 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.” 38 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.”39 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 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. Conclusion 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.

#### The US is key to global ag policy

WFP 10 [World Food Prize, “Chicago Council Wins Grant to Expand Global Agricultural Development Initiative,” Dec 23, 2010, pg. http://www.worldfoodprize.org/index.cfm?nodeID=24667&action=display&newsID=11003]

A number of policy developments indicate that the United States is beginning to recognize the transformational role agriculture can play in addressing the challenge of global poverty: President Obama called for a doubling of U.S. support for agricultural development in 2010 at the G-20 summit in April 2009; the U.S. Administration rolled out its initial strategic and implementation thinking on the Feed the Future initiative in May 2010; and both the House and Senate have considered legislation to enhance support for agricultural development. However, to ensure these advances are realized in a way that can have a tangible impact on global poverty during a time of economic uncertainty, further policy innovation, sustained political and financial support, and accountability of U.S. policy for agricultural development and food security is needed. “U.S. leadership is key to ensuring agricultural development receives the long-term policy attention and resources needed to reduce global poverty and hunger over the long term,” said Glickman. “The next three years will be critical in determining whether the new U.S. impetus for leadership in agricultural development and food security will become a prominent, effective, and lasting feature of U.S. development policy.” Over the last two years, food security has risen to the top of the agenda of global issues that need urgent national and international attention. Prompted by the food price crisis of 2008, the increase in the number of people living in abject poverty rose to over 1 billion in 2009, and the need to nearly double food production to meet global demand by 2050, world leaders are giving new attention to agricultural development in poor regions and the sufficiency and sustainability of the world’s food supply. “Agricultural development is the essential first step to alleviate extreme poverty and hunger in developing nations,” said Bertini. “We have the knowledge, tools and resources necessary to solve global hunger, but what is needed is sustained momentum in U.S. policy toward supporting agriculture as a poverty alleviation tool.”

## 2AC

### 2AC – Conditions – Gross

#### Cuba says no and kills credibility

**Piccone 9** (Ted Piccone is the acting vice president and director for the Foreign Policy program. Piccone specializes in global democracy and human rights policies; U.S.-Latin American relations; and multilateral affairs. Piccone serves as an advisor to the Club of Madrid and has served on the National Security Council, at the State Department and Pentagon, “The United Nations Denounces the U.S. Embargo on Cuba … Again”, October 2009, <http://www.brookings.edu/blogs/up-front/posts/2009/10/27-cuba-un-vote-piccone>)//moxley

While a tit-for-tat approach may assuage the shrinking number of hard-liners in Miami, it is unlikely to have any effect on the intended audience – the Cuban regime, now ruled by Fidel Castro’s "younger" brother (78 years old) and a cohort of aged revolutionaries. Cuba has made it very clear that it is prepared to sit down and talk with the United States in a spirit of mutual respect, i.e., accepting the regime as it is, rather than as we would like it to be. **Until then, it will happily promote the image of David vs. Goliath on the world stage.** It is just too potent and too successful a narrative in winning friends for Havana to abandon, even more so now that its economy is in a shambles and it needs all the friends it can get. Similarly, the modest steps the administration has taken so far is unlikely to get much mileage with the other group one would want to influence – **the European and other allies who are rooting for a more multilateral, cooperative and pragmatic U.S. policy on this** and a host of other issues**.** Washington will have to do much more to begin turning the tide of international public opinion against the embargo. This does not mean that the United States should abandon its defense of human rights for all Cubans. But it might want to change its tactics. Spain is touting its policy of quiet diplomacy as a better model for the European Union, which it chairs in 2010, and has a few, albeit meager concessions by Havana to back up its argument. We, after 50 years of attempting to punish Cuba for its bad behavior, have none. **So a policy designed to isolate a small, poor Caribbean island has come around full circle to** isolate the superpower **instead.** The lopsided UN vote reminds us yet again that it’s time for a change. If President Obama wants to show the world he is prepared to lead in a new direction, there are a multitude of steps he can take to ease the embargo and improve bilateral relations without waiting for Congress to act. These include expanding licenses for people-to-people travel for educational, cultural and humanitarian purposes; allowing more Cubans to travel to the United States; easing the licensing of tradable medicines developed in Cuba; reviewing whether Cuba should remain on the list of state sponsors of terrorism; and pursuing agreements on disaster relief and marine conservation. But something tells me that at next year’s UN vote, very little will have changed, in Havana or in Washington.

#### Extinction

Hayes and Green 10 (Peter, Professor of International Relations – Royal Melbourne Institute of Technology and Director – Nautilus Institute, and Michael Hamel, Victoria University, “The Path Not Taken, the Way Still Open: Denuclearizing the Korean Peninsula and Northeast Asia”, Nautilus Institute Special Report, 1-5, http://www.nautil us.org/fora/security/10001HayesHamalGreen.pdf)

At worst, there is the possibility of nuclear attack1, whether by intention, miscalculation, or merely accident, leading to the resumption of Korean War hostilities. On the Korean Peninsula itself, key population centres are well within short or medium range missiles. The whole of Japan is likely to come within North Korean missile range. Pyongyang has a population of over 2 million, Seoul (close to the North Korean border) 11 million, and Tokyo over 20 million. Even a limited nuclear exchange would result in a holocaust of unprecedented proportions. But the catastrophe within the region would not be the only outcome. New research indicates that even a limited nuclear war in the region would rearrange our global climate far more quickly than global warming. Westberg draws attention to new studies modelling the effects of even a limited nuclear exchange involving approximately 100 Hiroshima-sized 15 kt bombs2 (by comparison it should be noted that the United States currently deploys warheads in the range 100 to 477 kt, that is, individual warheads equivalent in yield to a range of 6 to 32 Hiroshimas).The studies indicate that the soot from the fires produced would lead to a decrease in global temperature by 1.25 degrees Celsius for a period of 6-8 years.3 In Westberg’s view: That is not global winter, but the nuclear darkness will cause a deeper drop in temperature than at any time during the last 1000 years. The temperature over the continents would decrease substantially more than the global average. A decrease in rainfall over the continents would also follow…The period of nuclear darkness will cause much greater decrease in grain production than 5% and it will continue for many years...hundreds of millions of people will die from hunger…To make matters even worse, such amounts of smoke injected into the stratosphere would cause a huge reduction in the Earth’s protective ozone.4 These, of course, are not the only consequences. Reactors might also be targeted, causing further mayhem and downwind radiation effects, superimposed on a smoking, radiating ruin left by nuclear next-use. Millions of refugees would flee the affected regions. The direct impacts, and the follow-on impacts on the global economy via ecological and food insecurity, could make the present global financial crisis pale by comparison. How the great powers, especially the nuclear weapons states respond to such a crisis, and in particular, whether nuclear weapons are used in response to nuclear first-use, could make or break the global non proliferation and disarmament regimes. There could be many unanticipated impacts on regional and global security relationships5, with subsequent nuclear breakout and geopolitical turbulence, including possible loss-of-control over fissile material or warheads in the chaos of nuclear war, and aftermath chain-reaction affects involving other potential proliferant states. The Korean nuclear proliferation issue is not just a regional threat but a global one that warrants priority consideration from the international community.

#### The aff is popular but the C links to politics

**House, 13** (Billy, May 12, 2013, “Cuba Bill Ties Embargo to Prisoner's Release,” National Journal, ProQuest, Hensel)

While Rush's bill generally follows in the footsteps of the United States-Cuba Trade Normalization Act that he initially introduced in 2009, Rush certainly is not the only lawmaker to craft legislation to ease relations with the island nation off Florida. **But by linking any lifting of the embargo to the release of** American prisoner **Alan Gross**, a Maryland man arrested in Cuba in 2009, Rush will surely draw the ire of Cuba-policy hard-liners inside and out of Congress. While such opposition is almost certain to block the bill from becoming law, it may also draw attention to issues that have all but frozen any efforts to improve relations between the two countries.

### 2AC – Security K

#### No prior questions

Owen 2 (David Owen, Reader of Political Theory at the Univ. of Southampton, Millennium Vol 31 No 3 2002 p. 655-7)

Commenting on the ‘philosophical turn’ in IR, Wæver remarks that ‘[a] frenzy for words like “epistemology” and “ontology” often signals this philosophical turn’, although he goes on to comment that these terms are often used loosely.4 However, loosely deployed or not, it is clear that debates concerning ontology and epistemology play a central role in the contemporary IR theory wars. In one respect, this is unsurprising since it is a characteristic feature of the social sciences that periods of disciplinary disorientation involve recourse to reflection on the philosophical commitments of different theoretical approaches, and there is no doubt that such reflection can play a valuable role in making explicit the commitments that characterise (and help individuate) diverse theoretical positions. Yet, such a philosophical turn is not without its dangers and I will briefly mention three before turning to consider a confusion that has, I will suggest, helped to promote the IR theory wars by motivating this philosophical turn. The first danger with the philosophical turn is that it has an inbuilt tendency to prioritise issues of ontology and epistemology over explanatory and/or interpretive power as if the latter two were merely a simple function of the former. But while the explanatory and/or interpretive power of a theoretical account is not wholly independent of its ontological and/or epistemological commitments (otherwise criticism of these features would not be a criticism that had any value), it is by no means clear that it is, in contrast, wholly dependent on these philosophical commitments. Thus, for example, one need not be sympathetic to rational choice theory to recognise that it can provide powerful accounts of certain kinds of problems, such as the tragedy of the commons in which dilemmas of collective action are foregrounded. It may, of course, be the case that the advocates of rational choice theory cannot give a good account of why this type of theory is powerful in accounting for this class of problems (i.e., how it is that the relevant actors come to exhibit features in these circumstances that approximate the assumptions of rational choice theory) and, if this is the case, it is a philosophical weakness—but this does not undermine the point that, for a certain class of problems, rational choice theory may provide the best account available to us. In other words, while the critical judgement of theoretical accounts in terms of their ontological and/or epistemological sophistication is one kind of critical judgement, it is not the only or even necessarily the most important kind. The second danger run by the philosophical turn is that because prioritisation of ontology and epistemology promotes theory-construction from philosophical first principles, it cultivates a theory-driven rather than problem-driven approach to IR. Paraphrasing Ian Shapiro, the point can be put like this: since it is the case that there is always a plurality of possible true descriptions of a given action, event or phenomenon, the challenge is to decide which is the most apt in terms of getting a perspicuous grip on the action, event or phenomenon in question given the purposes of the inquiry; yet, from this standpoint, ‘theory-driven work is part of a reductionist program’ in that it ‘dictates always opting for the description that calls for the explanation that flows from the preferred model or theory’.5 The justification offered for this strategy rests on the mistaken belief that it is necessary for social science because general explanations are required to characterise the classes of phenomena studied in similar terms. However, as Shapiro points out, this is to misunderstand the enterprise of science since ‘whether there are general explanations for classes of phenomena is a question for social-scientific inquiry, not to be prejudged before conducting that inquiry’.6 Moreover, this strategy easily slips into the promotion of the pursuit of generality over that of empirical validity. The third danger is that the preceding two combine to encourage the formation of a particular image of disciplinary debate in IR—what might be called (only slightly tongue in cheek) ‘the Highlander view’—namely, an image of warring theoretical approaches with each, despite occasional temporary tactical alliances, dedicated to the strategic achievement of sovereignty over the disciplinary field. It encourages this view because the turn to, and prioritisation of, ontology and epistemology stimulates the idea that there can only be one theoretical approach which gets things right, namely, the theoretical approach that gets its ontology and epistemology right. This image feeds back into IR exacerbating the first and second dangers, and so a potentially vicious circle arises.

#### The state will co-opt the alternative and make things worse.

**McCormack 10** (Tara, Lecturer in International Politics at the University of Leicester and has a PhD in International Relations from the University of Westminster, *Critique, Security and Power: The political limits to emancipatory approaches*, page 137-138)

In chapter 7 I engaged with the human security framework and some of the problematic implications of ‘emancipatory’ security policy frameworks. In this chapter I argued that the shift away from the pluralist security framework and the elevation of cosmopolitan and emancipatory goals has served to **enforce international power inequalities** rather than lessen them. Weak or unstable states are subjected to greater international scrutiny and international institutions and other states have greater freedom to intervene, but the citizens of these states have no way of controlling or influencing these international institutions or powerful states. This shift away from the pluralist security framework has not challenged the status quo, which may help to explain why major international institutions and states can easily adopt a more cosmopolitan rhetoric in their security policies. As we have seen, the shift away from the pluralist security framework has entailed a shift towards a more openly hierarchical international system, in which states are differentiated according to, for example, their ability to provide human security for their citizens or their supposed democratic commitments. In this shift, the old pluralist international norms of (formal) international sovereign equality, non-intervention and ‘blindness’ to the content of a state are overturned. Instead, international institutions and states have more freedom to intervene in weak or unstable states in order to ‘protect’ and emancipate individuals globally. Critical and emancipatory security theorists argue that the goal of the emancipation of the individual means that security must be reconceptualised away from the state. As the domestic sphere is understood to be the sphere of insecurity and disorder, the international sphere represents greater emancipatory possibilities, as Tickner argues, ‘if security is to start with the individual, its ties to state sovereignty must be severed’ (1995: 189). For critical and emancipatory theorists there must be a shift towards a ‘cosmopolitan’ legal framework, for example Mary Kaldor (2001: 10), Martin Shaw (2003: 104) and Andrew Linklater (2005). For critical theorists, one of the fundamental problems with Realism is that it is unrealistic. Because it prioritises order and the existing status quo, Realism attempts to impose a particular security framework onto a complex world, ignoring the myriad threats to people emerging from their own governments and societies. Moreover, traditional international theory serves to obscure power relations and omits a study of why the system is as it is: [O]mitting myriad strands of power amounts to exaggerating the simplicity of the entire political system. Today’s conventional portrait of international politics thus too often ends up looking like a Superman comic strip, whereas it probably should resemble a Jackson Pollock. (Enloe, 2002 [1996]: 189) Yet as I have argued, contemporary critical security theorists seem to show a marked lack of engagement with their problematic (whether the international security context, or the Yugoslav break-up and wars). Without concrete engagement and analysis, however, the critical project is undermined and critical theory becomes nothing more than a **request that people behave in a nicer way** to each other. Furthermore, whilst contemporary critical security theorists argue that they present a more realistic image of the world, through exposing power relations, for example, their lack of concrete analysis of the problematic considered renders them actually **unable to engage** with existing power structures and the way in which power is being exercised in the contemporary international system. For critical and emancipatory theorists the central place of the values of the theorist mean that it cannot fulfil its promise to critically engage with contemporary power relations and emancipatory possibilities. Values must be joined with engagement with the material circumstances of the time.

#### Apocalyptic warming rhetoric changes disbelief and mobilizes effective public responses

Romm 12 (Joe, Fellow at American Progress and is the editor of Climate Progress, which New York Times columnist Tom Friedman called "the indispensable blog" and Time magazine named one of the 25 “Best Blogs of 2010.″ In 2009, Rolling Stone put Romm #88 on its list of 100 “people who are reinventing America.” Time named him a “Hero of the Environment″ and “The Web’s most influential climate-change blogger.” Romm was acting assistant secretary of energy for energy efficiency and renewable energy in 1997, where he oversaw $1 billion in R&D, demonstration, and deployment of low-carbon technology. He is a Senior Fellow at American Progress and holds a Ph.D. in physics from MIT, 2/26, “Apocalypse Not: The Oscars, The Media And The Myth of ‘Constant Repetition of Doomsday Messages’ on Climate”, <http://thinkprogress.org/romm/2012/02/26/432546/apocalypse-not-oscars-media-myth-of-repetition-of-doomsday-messages-on-climate/#more-432546>)

The two greatest myths about global warming communications are 1) constant repetition of doomsday messages has been a major, ongoing strategy and 2) that strategy doesn’t work and indeed is actually counterproductive! These myths are so deeply ingrained in the environmental and progressive political community that when we finally had a serious shot at a climate bill, the powers that be decided not to focus on the threat posed by climate change in any serious fashion in their $200 million communications effort (see my 6/10 post “Can you solve global warming without talking about global warming?”). These myths are so deeply ingrained in the mainstream media that such messaging, when it is tried, is routinely attacked and denounced — and the flimsiest studies are interpreted exactly backwards to drive the erroneous message home (see “Dire straits: Media blows the story of UC Berkeley study on climate messaging”) The only time anything approximating this kind of messaging — not “doomsday” but what I’d call blunt, science-based messaging that also makes clear the problem is solvable — was in 2006 and 2007 with the release of An Inconvenient Truth (and the 4 assessment reports of the Intergovernmental Panel on Climate Change and media coverage like the April 2006 cover of Time). The data suggest that strategy measurably moved the public to become more concerned about the threat posed by global warming (see recent study here). You’d think it would be pretty obvious that the public is not going to be concerned about an issue unless one explains why they should be concerned about an issue. And the social science literature, including the vast literature on advertising and marketing, could not be clearer that only repeated messages have any chance of sinking in and moving the needle. Because I doubt any serious movement of public opinion or mobilization of political action could possibly occur until these myths are shattered, I’ll do a multipart series on this subject, featuring public opinion analysis, quotes by leading experts, and the latest social science research. Since this is Oscar night, though, it seems appropriate to start by looking at what messages the public are exposed to in popular culture and the media. It ain’t doomsday. Quite the reverse, climate change has been mostly an invisible issue for several years and the message of conspicuous consumption and business-as-usual reigns supreme. The motivation for this post actually came up because I received an e-mail from a journalist commenting that the “constant repetition of doomsday messages” doesn’t work as a messaging strategy. I had to demur, for the reasons noted above. But it did get me thinking about what messages the public are exposed to, especially as I’ve been rushing to see the movies nominated for Best Picture this year. I am a huge movie buff, but as parents of 5-year-olds know, it isn’t easy to stay up with the latest movies. That said, good luck finding a popular movie in recent years that even touches on climate change, let alone one a popular one that would pass for doomsday messaging. Best Picture nominee The Tree of Life has been billed as an environmental movie — and even shown at environmental film festivals — but while it is certainly depressing, climate-related it ain’t. In fact, if that is truly someone’s idea of environmental movie, count me out. The closest to a genuine popular climate movie was the dreadfully unscientific The Day After Tomorrow, which is from 2004 (and arguably set back the messaging effort by putting the absurd “global cooling” notion in people’s heads! Even Avatar, the most successful movie of all time and “the most epic piece of environmental advocacy ever captured on celluloid,” as one producer put it, omits the climate doomsday message. One of my favorite eco-movies, “Wall-E, is an eco-dystopian gem and an anti-consumption movie,” but it isn’t a climate movie. I will be interested to see The Hunger Games, but I’ve read all 3 of the bestselling post-apocalyptic young adult novels — hey, that’s my job! — and they don’t qualify as climate change doomsday messaging (more on that later). So, no, the movies certainly don’t expose the public to constant doomsday messages on climate. Here are the key points about what repeated messages the American public is exposed to: The broad American public is exposed to virtually no doomsday messages, let alone constant ones, on climate change in popular culture (TV and the movies and even online). There is not one single TV show on any network devoted to this subject, which is, arguably, more consequential than any other preventable issue we face. The same goes for the news media, whose coverage of climate change has collapsed (see “Network News Coverage of Climate Change Collapsed in 2011“). When the media do cover climate change in recent years, the overwhelming majority of coverage is devoid of any doomsday messages — and many outlets still feature hard-core deniers. Just imagine what the public’s view of climate would be if it got the same coverage as, say, unemployment, the housing crisis or even the deficit? When was the last time you saw an “employment denier” quoted on TV or in a newspaper? The public is exposed to constant messages promoting business as usual and indeed idolizing conspicuous consumption. See, for instance, “Breaking: The earth is breaking … but how about that Royal Wedding? Our political elite and intelligentsia, including MSM pundits and the supposedly “liberal media” like, say, MSNBC, hardly even talk about climate change and when they do, it isn’t doomsday. Indeed, there isn’t even a single national columnist for a major media outlet who writes primarily on climate. Most “liberal” columnists rarely mention it. At least a quarter of the public chooses media that devote a vast amount of time to the notion that global warming is a hoax and that environmentalists are extremists and that clean energy is a joke. In the MSM, conservative pundits routinely trash climate science and mock clean energy. Just listen to, say, Joe Scarborough on MSNBC’s Morning Joe mock clean energy sometime. The major energy companies bombard the airwaves with millions and millions of dollars of repetitious pro-fossil-fuel ads. The environmentalists spend far, far less money. As noted above, the one time they did run a major campaign to push a climate bill, they and their political allies including the president explicitly did NOT talk much about climate change, particularly doomsday messaging Environmentalists when they do appear in popular culture, especially TV, are routinely mocked. There is very little mass communication of doomsday messages online. Check out the most popular websites. General silence on the subject, and again, what coverage there is ain’t doomsday messaging. Go to the front page of the (moderately trafficked) environmental websites. Where is the doomsday? If you want to find anything approximating even modest, blunt, science-based messaging built around the scientific literature, interviews with actual climate scientists and a clear statement that we can solve this problem — well, you’ve all found it, of course, but the only people who see it are those who go looking for it. Of course, this blog is not even aimed at the general public. Probably 99% of Americans haven’t even seen one of my headlines and 99.7% haven’t read one of my climate science posts. And Climate Progress is probably the most widely read, quoted, and reposted climate science blog in the world. Anyone dropping into America from another country or another planet who started following popular culture and the news the way the overwhelming majority of Americans do would get the distinct impression that nobody who matters is terribly worried about climate change. And, of course, they’d be right — see “The failed presidency of Barack Obama, Part 2. It is total BS that somehow the American public has been scared and overwhelmed by repeated doomsday messaging into some sort of climate fatigue. If the public’s concern has dropped — and public opinion analysis suggests it has dropped several percent (though is bouncing back a tad) — that is primarily due to the conservative media’s disinformation campaign impact on Tea Party conservatives and to the treatment of this as a nonissue by most of the rest of the media, intelligentsia and popular culture.

#### Threats real and not constructed—rational risk assessment goes aff

**Knudsen 1**– PoliSci Professor at Sodertorn (Olav, Post-Copenhagen Security Studies, Security Dialogue 32:3)

Moreover, I have a problem with the underlying implication that it is unimportant whether states 'really' face dangers from other states or groups. In the Copenhagen school, threats are seen as coming mainly from the actors' own fears, or from what happens when the fears of individuals turn into paranoid political action. In my view, this emphasis on the subjective is a **misleading conception of threat**, in that it discounts an independent existence for what- ever is perceived as a threat. Granted, political life is often marked by misperceptions, mistakes, pure imaginations, ghosts, or mirages, but such phenomena **do not occur simultaneously** to large numbers of politicians, and **hardly most of the time**. During the Cold War, threats - in the sense of plausible possibilities of danger - referred to 'real' phenomena, and they **refer to 'real' phenomena** now. The objects referred to are often not the same, but that is a different matter. Threats have to be dealt with both ín terms of perceptions and in terms of the phenomena which are perceived to be threatening. The point of Waever’s concept of security is not the potential existence of danger somewhere but the use of the word itself by political elites. In his 1997 PhD dissertation, he writes, ’One can View “security” as that which is in language theory called a speech act: it is not interesting as a sign referring to something more real - it is the utterance itself that is the act.’24 The deliberate disregard of objective factors is even more explicitly stated in Buzan & WaeVer’s joint article of the same year.” As a consequence, the phenomenon of threat is reduced to a matter of pure domestic politics.” It seems to me that the security dilemma, as a central notion in security studies, then loses its foundation. Yet I see that Waever himself has no compunction about referring to the security dilemma in a recent article." This discounting of the objective aspect of threats shifts security studies to insignificant concerns. What has long made 'threats' and ’threat perceptions’ important phenomena in the study of IR is the implication that **urgent action may be required**. Urgency, of course, is where Waever first began his argument in favor of an alternative security conception, because a convincing sense of urgency has been the chief culprit behind the abuse of 'security' and the consequent ’politics of panic', as Waever aptly calls it.” Now, here - in the case of urgency - another baby is thrown out with the Waeverian bathwater. When real situations of urgency arise, those situations are challenges to democracy; they are actually at the core of the problematic arising with the process of making security policy in parliamentary democracy. But in Waever’s world, threats are merely more or less persuasive, and the claim of urgency is just another argument. I hold that instead of 'abolishing' threatening phenomena ’out there’ by reconceptualizing them, as Waever does, we should continue paying attention to them, because **situations with a credible claim to urgency will keep coming back** and then we need to know more about how they work in the interrelations of groups and states (such as civil wars, for instance), not least to find adequate democratic procedures for dealing with them.

#### Enemy creation prevents total war and genocidal =conflict against all

Reinhard 4 – Kenneth Reinhard, Professor of Jewish Studies at UCLA, 2004, “Towards a Political Theology- Of the Neighbor,” online: http://www.cjs.ucla.edu/Mellon/Towards\_Political\_Theology.pdf

If the concept of the political is defined, as Carl Schmitt does, in terms of the Enemy/Friend opposition, the world we find ourselves in today is one from which the political may have already disappeared, or at least has mutated into some strange new shape. A world not anchored by the “us” and “them” binarisms that flourished as recently as the Cold War is one subject to radical instability, both subjectively and politically, as Jacques Derrida points out in The Politics of Friendship:

The effects of this destructuration would be countless: the ‘subject’ in question would be looking for new reconstitutive enmities; it would multiply ‘little wars’ between nation-states; it would sustain at any price so-called ethnic or genocidal struggles; it would seek to pose itself, to find repose, through opposing still identifiable adversaries – China, Islam? Enemies without which … it would lose its political being … without an enemy, and therefore without friends, where does one then find oneself, qua a self? (PF 77)

If one accepts Schmitt’s account of the political, the disappearance of the enemy results in something like global psychosis: since the mirroring relationship between Us and Them provides a form of stability, albeit one based on projective identifications and repudiations, the loss of the enemy threatens to destroy what Lacan calls the “imaginary tripod” that props up the psychotic with a sort of pseudo-subjectivity, until something causes it to collapse, resulting in full-blown delusions, hallucinations, and paranoia.

Hence, for Schmitt, a world without enemies is much more dangerous than one where one is surrounded by enemies; as Derrida writes, the disappearance of the enemy opens the door for “an unheard-of violence, the evil of a malice knowing neither measure nor ground, an unleashing incommensurable in its unprecedented – therefore monstrous –forms; a violence in the face of which what is called hostility, war, conflict, enmity, cruelty, even hatred, would regain reassuring and ultimately appeasing contours, because they would be identifiable” (PF 83).

### 2AC – Syria Politics

#### No – multiple groups

**Lambardo 9-4-13** (Dan, Town Hall, “Limited Strike in Syria Will be Tough Sell in Congress”, September 4th, 2013, <http://townhall.com/columnists/donaldlambro/2013/09/04/limited-strike-in-syria-will-be-tough-sell-in-congress-n1690494>)//moxley

Meantime, a growing number of lawmakers questioned whether Assad's heinous use of poison gas posed a real threat to America's national security -- the threshold for Obama's decision to intervene in that war. Democratic Sen. Joe Manchin of West Virginia raised this very argument, saying the nation was weary of war and did not want to enter another one. "After over a decade of war in the Middle East, there needs to be compelling evidence that there is an imminent threat to the security of the American people or our allies before any military action is taken. I do not believe that this situation meets that threshold," Manchin said. Rep. Sam Farr, D-Calif., said he could not support a U.S. attack on Assad without the full support of our major U.S. allies "and a firm case that our national security is at risk." But Great Britain is taking a pass and the French may be our only European ally in this fight -- a stunning rebuke of Obama's leadership abroad. GOP conservatives were raising troubling questions about the aftermath of even a limited U.S. strike. Wouldn't that give the terrorists a rallying cry and recruiting tools in the Middle East, especially in Syria, and bolster its most radical elements? Obama's speech "leaves many questions, such as who exactly are the 'good guys' in this conflict? And how is American involvement not the fuel for the fire the Muslim Brotherhood and extremists are trying to ignite throughout the region? Cruise missiles are not a strategy," said GOP Rep. Robert Aderholt of Alabama. Others wondered if Obama, after long deliberation, felt compelled to go it alone because he had already declared that any chemical warfare would cross his "red line." Was he just trying to save face in this latest confrontation with Assad? That's what some of his critics are thinking. House and Senate leaders aren't planning to lobby their members prior to a vote, letting each decide the issue for themselves. But there is relatively little evidence that rank-and-file Republicans in either body have any desire to give Obama the authorization he seeks. "I think it's going to be a very tough sell," GOP Rep. Tom Cole of Oklahoma said of the White House's stepped-up lobbying plans. As of now, Cole said he's "leaning no." More than 80 lawmakers flew back to Washington over the weekend to attend a classified White House briefing in the Capitol. But Congress isn't set to officially return from its month-long recess until Sept. 9. No one is treating this as an emergency. Obama maintains this is a question of national security, and that Syria's use of chemical weapons represents an imminent threat to the U.S. and our allies. But his decision to delay action for two weeks or more sent this message to Assad: Don't worry, we're not in any hurry to act. Meantime, the White House is having trouble writing its war resolution, which grants Obama the authority to use force in Syria "as he determines to be necessary and appropriate." Senate Judiciary Committee Chairman Pat Leahy, Vermont Democrat, told reporters the wording is much too vague and won't pass Congress as written.

#### CBC <3s plan – you know it

**ABC News 9** (ABC News, “Black Caucus to Obama: Lift Cuba Embargo”, April 2009, <http://abcnews.go.com/blogs/politics/2009/04/black-caucus-to/>)//moxley

ABC News’ Rick Klein reports: Fresh off a trip to Cuba that included a visit with both Fidel and Raul Castro, members of the Congressional Black Caucus are lobbying President Obama to lift the nation’s longstanding Cuba embargo, and open up lines of communication with the Castros. Rep. Laura Richardson, D-Calif., said on ABCNews.com’s "Top Line" today that she and her colleagues want a complete elimination of the embargo first instituted by the Kennedy administration. Click here to watch our interview with Richardson. Richardson said she welcomes the Obama administration’s planned loosening of travel and financial restrictions impacting those with relatives in Cuba — but said she wants the president to go further**.** "The real big steps that we have to take is looking at the embargo, and the question is, has the embargo worked for 50 years?" said Richardson, who serves on the House Homeland Security Committee. "What I can tell you is, [from] when I went there, every country is working with Cuba except the United States. And my question to you is, what has isolation gotten us in the last 10 years when we’ve isolated ourselves from other countries?" Such a move would fit with the president’s efforts to remake America’s image, she said. Richardson said her visit to Cuba only confirmed her sentiments regarding the need to fundamentally change the relationship between Cuba and the United States. "You know President Obama just two days ago when he was in Turkey, he talked about turning the page," Richardson said. "The key, I think, to having progress is if you’re actually talking to someone. Currently over the 50 years, maybe there has been limited progress in that area, so are we just gonna continue not to talk for another 50 years?" "So, the question is, we can continue not to talk and not to have any progress, or we can sit down and maybe through those dialogues that they will see the benefits of what we’ve gained, how we operate in this country, and as we’ve seen successes in other countries, I believe we would see the same in Cuba." The White House has signaled that it will make changes to Cuba policies in advance of this month’s Summit of the Americas, specifically to make it easier for those with family on the island nation to travel thereand send money to relatives. Congress is also expected to consider a measure that would allow all Americans to travel freely to and from Cuba. But the president has not indicated a willingness to lift the US trade embargo against Cuba, a cornerstone of American foreign policy toward one of the nation’s closest neighbors for 47 years. The Castro regime’s fiercest critics in Congress are promising to fight any effort to ease the terms of the embargo, until or unless the Cuban government first commits to reforms such as releasing political prisoners and scheduling democratic elections. "The position on the embargo is principle-driven . . .  We should not be providing any type of unilateral concessions to that regime," Rep. Lincoln Diaz-Balart and Rep. Mario Diaz-Balart, both Florida Republicans, said in a joint statement provided to ABC News. Of their colleagues’ trip to Cuba, they added: "It’s truly unfortunate that they did not dedicate any portion of the trip to meeting with the victims of repressions in Cuba, or those who are advocating for human rights and a democratic transition." Those promising to fight changes in Cuba policy include some prominent Democrats. "Our great nation should always stand for human freedom and democracy and against underwriting regimes that oppress, suppress and murder," Sen. Robert Menendez, D-N.J., the son of Cuban immigrants and head of the Democratic Senatorial Campaign Committee, said last week after fellow senators introduced legislation that would end the travel ban. But members of the Congressional Black Caucus say they’re looking to the new administration to revamp policies of isolation that they view as outdated. "We are convinced based on the meetings which were held, that the Cubans do want dialogue, they do want talks, and they do want normal relations with USA, and I believe that its in the US best interest to do that," said Rep. Barbara Lee, D-Calif., the caucus’ chairwoman, said Tuesday, after she and her colleagues returned from their trip to Cuba. "We think we have this window of opportunity now with the president who is seeking a new way in the world and a new direction, and we’re in the process of reshaping our image in the world. And where better to do that than 90 miles off the shore of America," she added. Fidel Castro’s visit with US lawmakers was the first time he had such a meeting since the former president fell ill in 2006. "He had a very modest home," Rep. Bobby Rush, D-Ill., said Tuesday. "And we were met at the front door by his lovely wife. And she was a very warm person. So it was almost like visiting an old friend." Richardson told us that Fidel Castro struck her as mentally sharp. "I mean, he was a little older, but he stood up, he greeted us, he knew my name, he knew my district, he knew issues that were pertinent to my area, and imagine, this meeting was only set up with less than 10 hours — so I mean clearly he wasn’t briefed all night," she said. "So, he had a great sense of humor, and he talked about being in America. He talked about the fact that he almost went to Harvard. . . .  We met his wife. A lot of people don’t even know the history of Fidel and his family and his five sons. So, he was in very good health, to answer the question." Also on today’s program, we chatted with Ana Marie Cox, of Air America and The Daily Beast, about the latest in politics — including the new job for Kal "Kumar" Penn in the Obama White House. Click here for our interview with Ana Marie Cox. ABC News’ Jennifer Bost, Dean Norland and David Chalian contributed to this report.

#### CBC Key

**Bacon 9-5-13** (Perry, “Why the Congressional Black Caucus could determine if the US strikes Syria”, September 5th, 2013, <http://thegrio.com/2013/09/05/why-the-congressional-black-caucus-could-determine-if-the-u-s-strikes-syria/>)//moxley

The Congressional Black Caucus, at times ignored by the Obama White House and rendered irrelevant in a GOP-controlled House, will play an outsized role as Congress decides whether to approve military strikes in Syria A sizable bloc of Republicans in the House are expected to vote against the resolution calling for intervention in Syria, arguing the military strikes either don’t serve U.S. national security interests or could lead to a broader conflict. That’s left Obama administration officials aggressively courting the House’s 200 Democrats, who are expected to provide many of the votes if a resolution authorizing military action is approved. And that means that the 43 members of the Congressional Black Caucus, all of whom are Democrats, are a critical swing group. Fifteen of the current CBC members voted against the Iraq War in 2002 (many of the remaining 28 members opposed the war too but were not yet serving in Congress) and are determined never to allow the U.S. to unwisely intervene in a country abroad again. Some, like Rep. Barbara Lee (D-Calif.), are generally opposed to any war. CBC members say their constituents are wary of this intervention, and a Washington Post-ABC News poll released this week showed a majority of African-Americans do not support striking Syria. And a bloc of black congressmen, like Rep. John Conyers (D-Mich.), have become increasingly wary of President Obama’s foreign policy vision, voting for example to defund the National Security Agency’s controversial “metadata” program that was exposed by Edward Snowden. More than a dozen CBC members, including chairwoman Marcia Fudge (D-Ohio.), backed that legislation, which only narrowly failed. At the same time, despite some tensions over whether Obama’s policies have done enough to help African-Americans, the CBC members take great pride in Obama’s presidency. They have nearly always backed his major initiatives. And the members are aware that allowing the Syria vote to lose could deal a substantial blow to the president’s credibility. For now, many of them are non-committal, saying they want to wait until Congress reconvenes next week, talk to their colleagues and perhaps amend the resolution to their liking. National Security Adviser Susan Rice, who the caucus strongly supported when she was being considered for secretary of state, is meeting with the entire CBC on Monday to urge them to vote for the resolution.

#### PC’s bankrupt and isn’t key to immigration

Hirsh 2/7 Michael Hirsh is chief correspondent for National Journal. Hirsh previously served as the senior editor and national economics correspondent for Newsweek. Hirsh has appeared many times as a commentator on Fox News, CNN, MSNBC, and National Public Radio. He has written for the Associated Press, The New York Times, The Washington Post, Foreign Affairs, Harper’s, and Washington Monthly, and authored two books. “There’s No Such Thing as Political Capital,” 2013, http://www.nationaljournal.com/magazine/there-s-no-such-thing-as-political-capital-20130207?page=1

On Tuesday, in his State of the Union address, President Obama will do what every president does this time of year. For about 60 minutes, he will lay out a sprawling and ambitious wish list highlighted by gun control and immigration reform, climate change and debt reduction. In response, the pundits will do what they always do this time of year: They will talk about how unrealistic most of the proposals are, discussions often informed by sagacious reckonings of how much “political capital” Obama possesses to push his program through.¶ Most of this talk will have no bearing on what actually happens over the next four years.¶ Consider this: Three months ago, just before the November election, if someone had talked seriously about Obama having enough political capital to oversee passage of both immigration reform and gun-control legislation at the beginning of his second term—even after winning the election by 4 percentage points and 5 million votes (the actual final tally)—this person would have been called crazy and stripped of his pundit’s license. (It doesn’t exist, but it ought to.) In his first term, in a starkly polarized country, the president had been so frustrated by GOP resistance that he finally issued a limited executive order last August permitting immigrants who entered the country illegally as children to work without fear of deportation for at least two years. Obama didn’t dare to even bring up gun control, a Democratic “third rail” that has cost the party elections and that actually might have been even less popular on the right than the president’s health care law. And yet, for reasons that have very little to do with Obama’s personal prestige or popularity—variously put in terms of a “mandate” or “political capital”—chances are fair that both will now happen.¶ What changed? In the case of gun control, of course, it wasn’t the election. It was the horror of the 20 first-graders who were slaughtered in Newtown, Conn., in mid-December. The sickening reality of little girls and boys riddled with bullets from a high-capacity assault weapon seemed to precipitate a sudden tipping point in the national conscience. One thing changed after another. Wayne LaPierre of the National Rifle Association marginalized himself with poorly chosen comments soon after the massacre. The pro-gun lobby, once a phalanx of opposition, began to fissure into reasonables and crazies. Former Rep. Gabrielle Giffords, D-Ariz., who was shot in the head two years ago and is still struggling to speak and walk, started a PAC with her husband to appeal to the moderate middle of gun owners. Then she gave riveting and poignant testimony to the Senate, challenging lawmakers: “Be bold.”¶ As a result, momentum has appeared to build around some kind of a plan to curtail sales of the most dangerous weapons and ammunition and the way people are permitted to buy them. It’s impossible to say now whether such a bill will pass and, if it does, whether it will make anything more than cosmetic changes to gun laws. But one thing is clear: The political tectonics have shifted dramatically in very little time. Whole new possibilities exist now that didn’t a few weeks ago.¶ Meanwhile, the Republican members of the Senate’s so-called Gang of Eight are pushing hard for a new spirit of compromise on immigration reform, a sharp change after an election year in which the GOP standard-bearer declared he would make life so miserable for the 11 million illegal immigrants in the U.S. that they would “self-deport.” But this turnaround has very little to do with Obama’s personal influence—his political mandate, as it were. It has almost entirely to do with just two numbers: 71 and 27. That’s 71 percent for Obama, 27 percent for Mitt Romney, the breakdown of the Hispanic vote in the 2012 presidential election. Obama drove home his advantage by giving a speech on immigration reform on Jan. 29 at a Hispanic-dominated high school in Nevada, a swing state he won by a surprising 8 percentage points in November. But the movement on immigration has mainly come out of the Republican Party’s recent introspection, and the realization by its more thoughtful members, such as Sen. Marco Rubio of Florida and Gov. Bobby Jindal of Louisiana, that without such a shift the party may be facing demographic death in a country where the 2010 census showed, for the first time, that white births have fallen into the minority. It’s got nothing to do with Obama’s political capital or, indeed, Obama at all.¶ The point is not that “political capital” is a meaningless term. Often it is a synonym for “mandate” or “momentum” in the aftermath of a decisive election—and just about every politician ever elected has tried to claim more of a mandate than he actually has. Certainly, Obama can say that because he was elected and Romney wasn’t, he has a better claim on the country’s mood and direction. Many pundits still defend political capital as a useful metaphor at least. “It’s an unquantifiable but meaningful concept,” says Norman Ornstein of the American Enterprise Institute. “You can’t really look at a president and say he’s got 37 ounces of political capital. But the fact is, it’s a concept that matters, if you have popularity and some momentum on your side.”¶ The real problem is that the idea of political capital—or mandates, or momentum—is so poorly defined that presidents and pundits often get it wrong. “Presidents usually over-estimate it,” says George Edwards, a presidential scholar at Texas A&M University. “The best kind of political capital—some sense of an electoral mandate to do something—is very rare. It almost never happens. In 1964, maybe. And to some degree in 1980.” For that reason**,** political capital is a concept that misleads far more than it enlightens. It is distortionary. It conveys the idea that we know more than we really do about the ever-elusive concept of political power, and it discounts the way unforeseen events can suddenly change everything. Instead, it suggests, erroneously, that a political figure has a concrete amount of political capital to invest, just as someone might have real investment capital—that a particular leader can bank his gains, and the size of his account determines what he can do at any given moment in history.

#### PC fails – Obama is whack

**WSJ 9-4-13** (Wall Street Journal, “How Not to Persuade Congress on Syria”, September 4th, 2013, [http://online.wsj.com/article/SB10001424127887324577304579054961679084636.html)//moxley](http://online.wsj.com/article/SB10001424127887324577304579054961679084636.html%29//moxley)

Resolute leadership, clear goals and as much unity in Washington as possible are required when America contemplates military action. Someone should let the White House know. Two years ago President Obama said that "the time has come" for Syrian President Bashar Assad "to step aside." Apparently he was just thinking out loud. He offered no way to make that happen. A year ago, Mr. Obama said any Syrian use of chemical weapons would be "a red line" leading to "enormous consequences." Assad crossed the red line earlier this year. Nothing happened. He used chemical weapons again late last month, killing an estimated 1,400 men, women and children. On Wednesday, Mr. Obama insisted, "I didn't set a red line." Instead, he claimed, "the world set a red line." He also said: "My credibility isn't on the line. The whole international community's credibility is on the line." Yet the international community shows little inclination to act. In part, that's because Mr. Obama has taken "leading from behind" to the extreme by letting British Prime Minister David Cameron go first in asking for parliamentary approval for a strike on Syria. When the British Parliament refused, Mr. Obama's aides let the New York Times know that "Mr. Cameron had mishandled the situation." A week ago, Mr. Obama was ready to bypass lawmakers and order a military strike. Then he suddenly reversed his position, announcing that he would ask Congress for authorization to use force. Meanwhile, some of his closest advisers are treating the legislative branch as a collection of nitwits. Mr. Obama's former senior adviser, David Axelrod, tweeted that "Congress is now the dog that caught the car." An unnamed White House aide told the Washington Post, "We don't want them [Congress] to have their cake and eat it, too." This is a peculiar way to obtain congressional backing for a strike in Syria. Mocking senators and congressmen won't convince them that America's credibility will be badly damaged—with potentially grave consequences for U.S. allies and interests—if they withhold approval.

#### A fight causes Obama to back out

Carter 9-5-13 (Stephen L. Carter is a Bloomberg View columnist and a professor of law at Yale University. He is the author of “The Violence of Peace: America’s Wars in the Age of Obama,” and the novel “The Impeachment of Abraham Lincoln, Obama Asking Congress for Permission”, September 5, 2013, http://www.theolympian.com/2013/09/05/2706148/obama-asking-congress-for-permission.html#storylink=cpy)//moxley

Obama’s situation is different. Congress may well adopt the resolution he seeks, but if members prove reluctant, the administration’s public agonizing over the question suggests that the president will not spend much political capital twisting arms. Should Congress fail to grant Obama the approval he seeks, he will still face exactly the same decision that he does now. “We cannot raise our children in a world where we will not follow through on the things we say,” the president warned on Saturday. The irony is that he could only have been referring to his own warning last year that Syria President Bashar Assad would face “enormous consequences” were he to cross the red line by using chemical weapons. Obama is in effect asking Congress for permission to enforce his own threat. Critics have contended that Obama’s decision to go to Congress may signal a weakening of the prerogatives of the commander in chief. I’m not so sure.

### AT: Cred

#### No impact

**Friedersforfsep 9-5-13** (Conor, The Atlantic, “America Has Little to Fear From Congress Rejecting Force in Syria”, September 5, 2013, <http://www.theatlantic.com/politics/archive/2013/09/america-has-little-to-fear-from-congress-rejecting-force-in-syria/279354/>)//moxley

President Obama's decision to gauge congressional opinion on Syria has inspired proponents of war to issue a series of overwrought warnings in recent days. John McCain says a vote against war would be "catastrophic" for Obama, the institution of the presidency, and the credibility of the United States. William A. Galston agrees. "One thing is clear," he writes in the Wall Street Journal: "a loss would shatter his presidency, and a lot more." And columnist Roger Cohen says much the same in the New York Times: "If Assad can thumb his nose at America anyone can, including the Islamic Republic of Iran." All of this is hogwash. The journalistic obsession with what the Syria vote means for Obama personally is unseemly. The effect of war on the president's personal reputation and legacy are not matters that should factor into whether the U.S. intervenes abroad. It is nevertheless the case that losing the Syria debate won't "shatter" or derail his presidency, because a majority of Americans do not want him to intervene, and if he loses the vote, a majority of Congress will feel the same way. Intervening in Syria probably won't shatter or derail his presidency either, but an unpopular strike that carries a chance of severe unintended consequences is surely riskier! It is easy to imagine how events spiraling out of control after an American strike could be catastrophic for and derail the president who pushed it. The notion that a strike would prove catastrophic for the presidency itself is even more implausible. Come 2017, a new person will be sitting in the Oval Office, operating under the same constitutional framework in place since 1789. Having endured impeachments, assassinations, the Civil War, sex scandals, and Watergate -- among other things -- it takes willful historical illiteracy to think that the rejection of a peripheral war of choice by a co-equal branch, an eventuality the Framers anticipated, would somehow devastate the presidency. A mechanism for how that would happen is never described because there is none. The whole notion is implausible fantasy.

## 1AR

### AT: dval

#### Preventing death is good – t here’s always value to life

**Frankl (Holocaust Survivor) 46** (Victor Frankl, Professor of Neurology and Psychiatry at the University of Vienna, Man’s Search for Meaning, 1946, p. 104)

But I did not only talk of the future and the veil which was drawn over it. I also mentioned the past; all its joys, and how its light shone even in the present darkness. Again I quoted a poet—to avoid sounding like a preacher myself—who had written, “Was Dii erlebst, k,ann keme Macht der Welt Dir rauben.” (What you have experienced, no power on earth can take from you.) Not only our experiences, but all we have done, whatever great thoughts we may have had, and all we have suffered, all this is not lost, though it is past; we have brought it into being. Having been is also a kind of being, and perhaps the surest kind. Then I spoke of the many opportunities of giving life a meaning. I told my comrades (who lay motionless, although occasionally a sigh could be heard) that human life, under any circumstances, never ceases to have a meaning, and that this infinite meaning of life includes suffering and dying, privation and death. I asked the poor creatures who listened to me attentively in the darkness of the hut to face up to the seriousness of our position. They must not lose hope but should keep their courage in the certainty that the hopelessness of our struggle did not detract from its dignity and its meaning. I said that someone looks down on each of us in difficult hours—a friend, a wife, somebody alive or dead, or a God—and he would not expect us to disappoint him. He would hope to find us suffering proudly—not miserably—knowing how to die.

### Reps

#### Reps don't shape reality.

**Balzacq 5** (Thierry, Professor of Political Science and International Relations at Namur University, “The Three Faces of Securitization: Political Agency, Audience and Context” European Journal of International Relations, London: Jun 2005, Volume 11, Issue 2)

However, despite important insights, this position remains highly disputable. The reason behind this qualification is not hard to understand. With great trepidation my contention is that one of the main distinctions we need to take into account while examining securitization is that between 'institutional' and 'brute' threats. In its attempts to follow a more radical approach to security problems wherein threats are institutional, that is, mere products of communicative relations between agents, the CS has neglected the importance of 'external or brute threats', that is, threats that **do not depend** on language mediation to be what they are - hazards for human life. In methodological terms, however, any framework over-emphasizing either institutional or brute threat risks losing sight of important aspects of a **multifaceted phenomenon**. Indeed, securitization, as suggested earlier, is successful when the securitizing agent and the audience reach a common structured perception of an ominous development. In this scheme, there is no security problem except through the language game. Therefore, how problems are 'out there' is exclusively contingent upon how we linguistically depict them. This is not always true. For one, language **does not construct** reality; at best, it shapes our perception of it. Moreover, it is **not theoretically useful** nor is it **empirically credible** to hold that what we say about a problem would determine its essence. For instance, what I say about a typhoon would not change its essence. The consequence of this position, which would require a deeper articulation, is that some security problems are the attribute of the development itself. In short, threats are not only institutional; some of them can actually wreck entire political communities **regardless of** the use of language. Analyzing security problems then becomes a matter of understanding how external contexts, including external objective developments, affect securitization. Thus, far from being a departure from constructivist approaches to security, external developments are central to it.

### Warm reps good

#### Risk assessment is good in the context of climate – allows effective policy making

Schneider and Lane 6 (Stephen, Prof. Bio. Sci., Senior Fellow of Institute for Int’l. Studies, Co-Director of Center for Environmental Science and Policy @ Stanford, and Janica, Research Assistant to Dr. Schneider, “An Overview of ‘Dangerous’ Climate Change”, <http://www.metoffice.gov.uk/corporate/pressoffice/adcc/BookCh2Jan2006.pdf>)

Ultimately, scientists cannot make expert value judgments about what climate change risks to face and what to avoid, as that is the role of policy makers, but they can help policymakers evaluate what ‘dangerous’ climate change entails by laying out the elements of risk, which is classically defined as probability x consequence. They should also help decision-makers by identifying thresholds and possible surprise events, as well as estimates of how long it might take to resolve many of the remaining uncertainties that plague climate assessments. There is a host of information available about the possible consequences of climate change, as described in our discussion of the SRES scenarios and of the impacts of climate change, but the SRES scenarios do not have probabilities assigned to them, making risk management difficult. Some would argue that assigning probabilities to scenarios based on social trends and norms should not be done (e.g. [15]), and that the use of scenarios in and of itself derives from the fact that probabilities can’t be analytically estimated. In fact, most models do not calculate objective probabilities for future outcomes, as the future has not yet happened and ‘objective statistics’ are impossible, in principle, before the fact. However, modelers can assign subjective confidence levels to their results by discussing how well established the underlying processes in a model are, or by comparing their results to observational data for past events or elaborating on other consistency tests of their performance (e.g. [14]). It is our belief that qualified assessment of (clearly admitted) subjective probabilities in every aspect of projections of climatic changes and impacts would improve climate change impact assessments, as it would complete the risk equation, thereby giving policy-makers some idea of the likelihood of threat associated with various scenarios, aiding effective decision-making in the risk-management framework. At the same time, confidence in these difficult probabilistic estimates should also be given, along with a brief explanation of how that confidence was arrived at.