# DA

## Deal on fiscal cliff now—PC signals urgency and ensures compromise

**O’Brian, CBS News, 11/16**

(Michael, November 16, 2012, “Capitol Hill leaders sound optimistic notes after fiscal cliff talks with Obama”, http://nbcpolitics.nbcnews.com/\_news/2012/11/16/15218657-capitol-hill-leaders-sound-optimistic-notes-after-fiscal-cliff-talks-with-obama?chromedomain=firstread&lite, 11/16/12, atl)

Updated 12:12 p.m. ET - Capitol Hill leaders … and almost produced a default on the national debt.

**Fights over clean coal- perceived as dirty**

**Mulkern, E&E reporter, 11**

(Anne C., Environment and Energy Publishing, LLC, "LOBBYING: Group intensifies push for 'clean coal' as key to healthy economy," E&E News PM, 1-26-11, lexis, accessed 11-3-12, mtf)

Coal has many allies in Congress, both … energy sources," Palamuso added.

## Key to avert global economic collapse

**NAM, 12**

(October 26, 2012, National Association of Manufacturers, “Fiscal shock America’s Economic Crisis Executive Summary” http://www.nam.org/~/media/45A37479471D4EB1AA3804DE86AECD1A.ashx, 11/6/12, atl)

Manufacturers and other businesses … living standards in the United States.

**Goes nuclear**

**Auslin and Lachman, scholar and fellow at American Enterprise Institute, 2009**

(Michael and Desmond, “The Global Economy Unravels”, 3-6, http://www.forbes.com/2009/03/06/global-economy-unravels-opinions-contributors-g20.html, ldg)

The threat of instability is a … explosions that coalesce into a big bang.

# CP

## CP text: The fifty United States state governments and all relevant territories should provide financial incentives for the utilization of fuel cells in coal-fired power plants.

## States solve-better innovation and flexibility

Carley, Graduate Fellow, Center for Sustainable Energy, Environment, and Economic Development, UNC, 10

(Sanya, Graduate Fellow, The Center for Sustainable Energy, Environment, and Economic Development, UNC Chapel Hill, Energy Program Specialist, The Wisconsin Public Utility Institute, 2005-06, “Electricity Diversification, Decentralization, And Decarbonization: The Role Of U.S. State Energy Policy” 2010, https://cdr.lib.unc.edu/record;jsessionid=77C109DBD786C00A749A6D1236696A50?id=uuid%3A4c318329-cbdd-4fd4-b791-90182e820062, accessed 8-13-12, ara)

Have developments in the era of … same ideology, fiscal resources, or generation assets.

# DA

## Most recent economic analyses project growth in renewable energy

**Bossong, SUN DAY Campaign executive director, 2012**

(Kenneth, “IEA sees renewable energy growth accelerating over next 5 years”, 7-5, [http://www.iea.org/newsroomandevents/pressreleases/2012/july/name,28200,en.html](http://www.iea.org/newsroomandevents/pressreleases/2012/july/name%2C28200%2Cen.html), DOA: 10-2-12, ldg)

Renewable power generation is …benchmark for both public and private decision makers.”

## Coal base load plants prevent renewables – inflexible production

Schmidt, GREA, 10

(Janine, German Renewable Energies Agency, “Renewable Energies and Base Load Power Plants: Are They Compatible?” June 2010, http://www.unendlich-viel-energie.de/uploads/media/35\_Renews\_Spezial\_Renewable\_Energies\_and\_Baseload\_Power\_Plants-1.pdf, accessed 7-30-12, ara)

In sum, an exact analysis of the Federation of … energy supply system of the future.

## Renewables solve price fluctuations and global food production

FAO, 11

(Food and Agriculture Organization of the United Nations, “’Energy-smart’ agriculture needed to escape fossil fuel trap,” 11-29-11, http://www.fao.org/news/story/en/item/95161/icode/, accessed 8-3-12, ara)

**The global food system needs to …** and **needs to start now**, FAO says.

## Food price shocks lead to state failures – turns all your impacts

Brown, President, EPI, 9

(Lester R, President of the Earth Policy Institute, Masters degrees in agricultural economics from the University of Maryland, founded the Worldwatch Institute, the first research institute devoted to the analysis of global environmental issues, formerly worked at the USDA Foreign Agricultural Service as an international analyst, later appointed Administrator of the department's International Agricultural Development Service, author or coauthor of over 50 books, recipient of many prizes and awards, including 25 honorary degrees, a MacArthur Fellowship, the 1987 United Nations' Environment Prize, the 1989 World Wide Fund for Nature Gold Medal, and the 1994 Blue Planet Prize for his "exceptional contributions to solving global environmental problems, “Could Food Shortages Bring Down Civilization?” May 2009, http://biomass.age.uiuc.edu/images/c/cd/FoodShortageBrown.pdf, published by Scientific American, accessed 8-3-12, ara)

For many years I have studied global … diversion of U.S. grain to ethanol-fuel distilleries.

# K

## Aff’s logic of incentives presumes universal rationality and drives for profit-re-entrenches neoliberalism.

**Reno, Michigan anthropology PhD, 2011**

(Joshua, “Motivated Markets: Instruments and Ideologies of Clean Energy in the United Kingdom”, Cultural Anthropology Volume 26, Issue 3, pages 389–413, August 2011, Wiley, ldg)

To grapple with these ongoing efforts of social … and potentially alienating forms.

## Unmitigated market competition makes extinction inevitable and turns case

**Wise et al., Universidad Autónoma de Zacatecas development studies professor, 2010**

 Raúl, “Reframing the debate on migration, development and human rights: fundamental elements”, October, [www.migracionydesarrollo.org](http://www.migracionydesarrollo.org), DOA: 10-13-12, ldg)

At the end of the first decade of the 21st century, a … worker flows have indeed diminished.

## Alternative: Embrace commons instead of enclosures

## Discourse of the commons solves-creates space to challenge neoliberalism

**De Angelis, East London political economy professor, 2003**

(Massimo, “Reflections on alternatives, commons and communities”, Winter, <http://www.commoner.org.uk/deangelis06.pdf>, DOA: 7-2-12, ldg)

This movement has posed the question of a … strengthening communities through the social fields.

# Case – Solvency

## 1. Clean coal investment fails – billions of dollars spent with no results

Glausser, QUEST reporter, 11

(Anne, reporter for QUEST, award-winning multimedia science and environment series created by KQED, San Francisco, “A Difficult Path for Clean Coal,” 9-23-11, http://science.kqed.org/quest/audio/a-difficult-path-for-clean-coal/, accessed 7-22-12, ara)

Coal generates half of all the …leave it in the ground,” says Buchanan.

## 2. Massive infrastructural and technological hurdles to clean coal- plan doesn't solve and hikes energy prices

**Meigs, editor-in-chief, 2010**

(James B., "WILL COAL BECOME THE CLEAN, GREEN FUEL OF THE FUTURE? NOT SO FAST", Popular Mechanics, February, accessed 7/15/12, EBSCOhost, SLC)

There's just one problem with this scenario: Coal will … to reduce C02 emissions in the coming decades.

## 3. Financial incentives are ineffective – insignificant effect on growth or investment even in best cases

Peters and Fisher, University of Iowa professors, 4

(Alan Peters, associate professor in the Graduate Program in Urban and Regional Planning at the University of Iowa; and Peter Fisher, professor in the graduate program in urban and regional planning at the University of Iowa, "The Failures of Economic Development Incentives," Journal of the American Planning Association, Winter 2004, Vol. 70, No. 1, http://www.crcworks.org/cfscced/fisher.pdf, accessed 8-17-12, mtf)

If incentives have grown absolutely, …firm location and investment decisions.

# Heg

## 1. US decline inevitable- no superpowers in the future

Buzan, **London School of Economics IR prof**, 11

(Barry, "The Inaugural Kenneth N. Waltz Annual Lecture A World Order Without Superpowers Decentred Globalism," International Relations, March 2011, vol. 25 no. 1 pages 3-25, da 12-19-11, Sage Publications) mee

In what follows I will use both … to great power status.

## 2. Transition will be peaceful

MacDonald and Parent, **Williams College, University of Miami,** **pol sci assistant profs,** 11

(Paul and Joseph, "Resurrecting Retrenchment: The Grand Strategic Consequences of U.S. Decline," May, Policy Brief, Belfer Center for Science and International Affairs, da 12-19-11, <http://belfercenter.ksg.harvard.edu/files/macdonald-parent-may-2011-is-%20brief.pdf>) mee

Declining great powers are less … restoring U.S. credibility and reassuring allies.

## 3. Hegemony triggers conflicts around the globe and undermines cooperation-culminates in extinction.

**Boggs, National University social science professor, 2005**

(Carl, “Planetary Politics: human rights, terror, and global society” ed. Stephen Eric Bronner, pg 80-1, ldg)

A potentially explosive contradiction …globally – are certain to be disastrous

## 4. No confrontation coming-China will back down

**Feng, Tokyo Foundation senior fellow, 2012**

(Zhu, “US Pivot to the Asia-Pacific and Its Impact on Regional Security”, 6-25, <http://www.tokyofoundation.org/en/topics/japan-china-next-generation-dialogue/us-pivot-and-its-impact-on-regional-security>, DOA: 9-15-12, ldg)

As Beijing faces a crucial period … an escalating US-China confrontation.

# Warming

## 2. Warming is not catastrophic now but reducing aerosols reverses that

**Meyer, Princeton mechanical engineer, 2012**

(Warren, Harvard MBA, “Understanding the Global Warming Debate”, 2-9, <http://www.forbes.com/sites/warrenmeyer/2012/02/09/understanding-the-global-warming-debate/3/>, DOA: 6-1-12, ldg)

This is the problem scientists face … history. Skeptics call this their “plug variable.”

## 3. Negative feedbacks stop runaway warming

Singer et. al., atmospheric physicist, 11

(S. Fred, first director of the U.S. Weather Satellite Service, and, Craig Idso, Editor of C02 science, and Robert M. Carter, marine geologist and research professor at James Cook University in Queensland, Australia, 8-29, “Climate Change Reconsidered: 2011 Interim Report”, Accessed 10-3-12, http://www.nipccreport.org/reports/2011/pdf/02ForcingsFeedbacks.pdf) NJR

According to Lindzen and Choi, all 11 … by state-of-the-art climate models.

## 4. Warming won’t cause extinction

Barrett, professor of natural resource economics, 07

(Scott, at Columbia University, “Why Cooperate? The Incentive to Supply Global Public Goods”, pg. Introduction) NJR

First, **climate change does not …**d have done much more about it by now.

## 5. Climate change is inevitable – nature will adapt

Frijters, University of Queensland professor, 2011

(Paul. “Climate change: it’s inevitable, we have to adapt, let’s spend wisely.” 9-5. http://theconversation.edu.au/climate-change-its-inevitable-we-have-to-adapt-lets-spend-wisely-3182. Accessed: 5/22/2012. ADC)

I think we will go through the cheapest means of … which we know are more suited for the new climate.

## 6. China and India overwhelm solvency- biggest emitters

**First Post. India, 12**

(“Emissions set to raise in India and China: UN report”, 6-7-12, Firstpost. India, <http://www.firstpost.com/india/emissions-set-to-raise-in-india-and-china-un-report-334911.html>, accessed 6-9-12 wdw)

Beijing: Emissions in India and China set …percent by 2100, the report said.

## 7. No warming- empirical data AND decreased solar activity

**Rose, Vanity Fair contributing editor, 12**

(David, 1-29-12, special-investigations writer for the U.K.’s Mail on Sunday, former investigative reporter for the Guardian, received numerous journalism awards, including a One World–European Union award for journalism in the service of human rights (1997) and the Royal Institute of International Affairs David Watt Memorial Prize (1993), "Forget global warming - it's Cycle 25 we need to worry about," Daily Mail, www.dailymail.co.uk/sciencetech/article-2093264/Forget-global-warming--Cycle-25-need-worry-NASA-scientists-right-Thames-freezing-again.html?ito=feeds-newsxml, accessed 2-4-12, mss)

Forget global warming - it's Cycle 25 we need to … fairs, the canals of Holland froze solid.

# Water Contamination

## 1. Clean coal plants massively increase coal ash dumping, causing cancer and other disease- it's much worse than nuclear waste

**Sood, environmental reporter, 2008**

(Suemedha, " Don’t Drink the Water: Clean Coal’s Downside", Washington Post, January 31, http://washingtonindependent.com/2515/dont-drink-the-water-clean-coals-downside, 7/14/12, SLC)

This is also of concern to Dr. Paul Roda, an … have strict regulations for its disposal.”

## 2. Natural marine fluctuations are inevitable ---- ocean species are highly resilient

**Dulvy et al., School of Marine Science and Tech. @ U. Newcastle, 2003**

(Nicholas, “Extinction vulnerability in marine populations”, Fish and Fisheries Volume 4, Issue 1, pages 25–64, March 2003, ldg)

Marine fish populations are … are few adults (Pauly et al. 2002).

## 3. Oceans are resilient-they are too big.

**Lomborg, Aarhus university political science professor, 2001**

(Bjorn, The Skeptical Environmentalist, pg 189, ldg)

But the oceans are so incredibly big … of the sea and from sediment erosion.

# \*\*\*\*2NC\*\*\*\*

## Framework

**Our interpretation is the judge should be an intellectual grading the foundation upon which 1AC stems from---if we win the foundations of the aff are suspect we should win irrespective of hypothetical enactment**

**Method first key-otherwise alternative modes of knowledge concerning neoliberalism are delegitimized..**

**Gunder et al., Aukland University senior planning lecturer, 2009**

(Michael, Planning in Ten Words or Less: A Lacanian Entanglement with Spatial Planning pgs 111-2, ldg)

The hegemonic network, or bloc, … **in a zero-sum game** (Blair and Kumar 1997).

**Policy making isn’t grounded in objectivity but cherry picking. Means a residual link takes out the aff because the ideological underpinnings of their knowledge is inaccurate.**

**Bristow, Cardiff University economic geographer senior lecturer, 2005**

(Gillian, “Everyone's a ‘winner’: problematising the discourse of regional competitiveness”, Journal of Economic Geography, June, oxford journals, ldg)

This begs the question as to why … of regional and national policy elites.

**Questioning underlying structure of neoliberalism first is key-otherwise policy analysis is predetermined in favor of the market.**

**Murphy, Miami sociology professor, 2005**

(John, Globalization with a Human Face, pg 11-13, ldg)

Murphy 4

The process of development, now … equated with rationality and general improvement.

**3. Discount all their answers-accepting the frame of neoliberalism gears solutions to be watered down or delegitimized**

**Faber and McCarthy, Northeastern University Philanthropy and Environmental Justice Research Project, 2003**

(Daniel R Faber Director; Deborah McCarthy Research Associate, College of Charleston Assistant Professor of Sociology and Anthropology. “Neo-Liberalism, Globalization and the Struggle for Ecological Democracy Linking Sustainability and Environmental Justice.” Pg 56-7, ldg)

As we move further into the new millennium, the … **environmental politics** (Faber and O'Connor, 1993)./

**Managerialism DA-their framework emphasizes expertise over democratic participation re-entrenching managerialism.**

**Okereke, Smith School Head of the Climate and Development Centre, 2008**

(Chukwimerije, Senior Research Fellow, Global Justice and Neoliberal Environmental Governance: Ethics, sustainable development and international co-operation, 179-180, ldg)

But herein lies another problem of the efforts …ran solely on a free market basis (Friedheim 1993).

**Exceptionalism DA-policy relevance collapses the public sphere and ensures colonization by elites.**

**Biswas, Whitman politics professor, 2007**

(Shampa, “Empire and Global Public Intellectuals: Reading Edward Said as an International Relations Theorist”, Millennium 36.1, project muse, ldg)

The recent resuscitation of the project of Empire … fundamental and important senses of the vocation.21

## Neolib K – Link

**The plan is a modern enclosure-it forces reliance on markets for livelihoods and organizes society which make livelihoods zero sum**

**De Angelis, East London political economy professor, 2004**

(Massimo, “Opposing fetishism by reclaiming our powers: The Social Forum movement, capitalist markets and the politics of alternatives”, International Social Science Journal Volume 56, Issue 182, Wiley, ldg)

There is not the space here to discuss the processes of market …y emerging system of freedom (De Angelis 2002).

**Notions if energy are informed by neoliberalism-assumes energy is an external input necessary for human growth—this creates omnipresent scarcity and pre-determines outcomes by not questions the ends to which energy is used.**

**Hildyard, Corner House director, 2012**

(Nicholas, Corner House has aimed to support democratic and community movements for environmental and social justice, former co-editor of the Ecologist, “Energy Security For What? For Whom?”, February, <http://www.thecornerhouse.org.uk/sites/thecornerhouse.org.uk/files/Energy%20Security%20For%20Whom%20For%20What.pdf>, DOA: 7-5-12, ldg)

Clearly, like “security”, “energy” is a term…when initiating any discussion of energy security

## A2: perm

**3. Try or die for the alternative alone.**

**De Angelis, East London political economy professor, 2009**

(Massimo, “The tragedy of the capitalist commons”, December, <http://turbulence.org.uk/turbulence-5/capitalist-commons/>, DOA: 7-2-12, ldg)

This platform of management of the …for the reproduction of their livelihoods.

**5. State DA-focus on state involvement in energy production crowds out attempts to create commons.**

**Muligan, Concordia IR professor, 2010**

(Shane, “Energy, Environment, and Security: Critical Links in a Post-Peak World”, Global Environmental Politics; Nov2010, Vol. 10 Issue 4, p79-100, 22p, ebsco, ldg)

A final consideration in the separation of …to exploit their natural resources. 68

**Alt doesn’t eliminate capitalism-but rather creates social forms in spite of capitalism.**

**De Angelis, East London political economy professor, 2004**

(Massimo, “Separating the Doing and the Deed: Capital and the Continuous Character of Enclosures”, Historical Materialism; 2004, Vol. 12 Issue 2, p57-87, ebsco, ldg)

However, we must be fully aware of the … problematisation of their articulation.

**Neoliberalism is different from capitalism**

**Klein, London School of Economics Milibrand Fellow, 2007**

(Naomi, “The Shock Doctrine: the Rise of Disaster Capitalism,” pgs. 24-5, ldg)

I am not arguing that all forms of market … democracy seems a practical impossibility.

**Increasing complexity undermines resiliency and creates diminishing returns.**

**Naess, Aalborg Urban Planning professor, 2006**

(Peter, “Unsustainable Growth, Unsustainable Capitalism”, Journal of Critical Realism, 5.2, ebsco, ldg)

The idea that greater eﬃciency and … water and 700 grammes of nitrogen and other gases. 24

# DA

## High food prices leads to state collapse – only applies to sudden changes like oil shocks, not long-term trends Turns the case

Keim, journalist, 11

(Brandon, freelance journalist, his work has been published by the Christian Science Monitor, USA Today, and ABC News, “Food Prices Could Hit Tipping Point for Global Unrest,” August 15, 2011, <http://useconomy.about.com/gi/o.htm?zi=1/XJ&zTi=1&sdn=useconomy&cdn=newsissues&tm=141&f=00&su=p284.13.342.ip_&tt=12&bt=1&bts=1&zu=http%3A//www.wired.com/wiredscience/2011/08/food-price-threshold/>, d/a 8-3-12, ZML)

**When food shortages and rising … about is one of changes in a year or two.”**

## Only renewables can solve warming – no alternatives

Fripp Research fellow, Environmental Change Institute and Exeter College, Oxford University, 11

(Matthias, Research fellow at the Environmental Change Institute and Exeter College, Oxford, PhD from Energy and Resource Program @ UC Berkeley,

“Renewables”, 11-8-11, http://www.economist.com/debate/files/view/Renewbles\_debate\_artifact0.pdf, accessed 7-31-12, ara)

**We must reduce global greenhouse …** that will be reached by 2030 at current growth rates.

## Renewables key to military flexibility and preparation

Wu, Advocacy Policy Director, Truman Project, 12

(Michael, formerly served at the Office of the General Counsel, Department of Defense (International Affairs), “Renewable Energy is Key to Military Strategy,” 6-5-12, http://trumanproject.org/doctrine-blog/renewable-energy-is-key-to-military-strategy/, accessed 7-31-12, ara)

Our military leaders have one … security above shortsighted politics.

## US military readiness is key to sustainable hegemony

**Gray, professor of International Relations and Strategic Studies at the University of Reading, 2004**

(Colin, “The Sheriff: America's Defense of the New World Order”, pg 91-92, ldg)

Fourth, it should go without saying that … what it terms “effects-based warfare.”

## U.S. renewables investment key to spur global transformation to clean energy

NREL, 8

(National Laboratory of the U.S. Dept. of Energy., "Strengthening U.S. Leadership of International Clean Energy Cooperation," Proceedings of Stakeholder Consultations, December 2008, http://www.nrel.gov/international/pdfs/44261.pdf, d/a 8-2-12, ZML)

Pressing economic, energy security, and … for economic development

## Renewables competitive now – rising prices of coal ensure

Guay, International Climate Program Representative, Sierra Club, 7-2

(Justin, Washington representative, International Climate Program, Sierra Club, “A Risky Proposition: Why Cheap Coal Is Really, Really Dead,” 7-2-12, http://thinkprogress.org/climate/2012/07/02/508095/a-risky-proposition-why-cheap-coal-is-really-really-dead/, accessed 7-30-12, ara)

Competing clean, renewable energy … if they do not pass on significant price increases to average Indian consumers.

## US commitment to conventional energy dooms investment in renewable energy

Cornell University Global Labor Institute, 11

(“Pipe Dreams? Job gained, jobs lost by the construction of Keystone XL” September 2011, http://www.ilr.cornell.edu/globallaborinstitute/research/upload/GLI\_KeystoneXL\_Reportpdf.pdf, accessed: 8-2-12 ara)

It is also important to consider the jobs that … **(and therefore green jobs) will surely suffer.**

## Fossil fuels trade off with renewable energy – Ohio proves national trend

Schneider, senior editor, Circle of Blue, 12

(Keith, Senior Editor of Circle of Blue, an international network of journalists, scholars and citizens writing about water issues, former NY Times correspondent, “U.S. Fossil Fuel Boom Dims Glow of Clean Energy,” 3-29-12, published by Yale Environment 360, http://e360.yale.edu/feature/us\_fossil\_fuel\_boom\_dims\_glow\_of\_clean\_energy/2511/, accessed 7-31-12, ara)

Over the last year, though, **…** demand for drilling pipe and other equipment.

## Government support key to private investment – supporting fossil fuels dooms renewables

Green Solar Café, 12

(“US Government Policy: Fossil Fuels vs Renewable Energy,” 7-2-12, <http://www.greensolarcafe.com/big-oil-vs-renewables/us-government-policy-fossil-fuels-vs-renewable-energy/>, accessed 7-29-12, ara)

While renewable energy has made … from the people in power who represent them.

## High prices don’t matter, only volatility – reducing consumption of oil is key

Kharas, Senior Fellow, Brookings, 11

(Homi, Senior Fellow and Deputy Director, Global Economy and Development, Development Assistance and Governance Initiative, Brookings Institute, Ph. D. in economics from Harvard University, has served as a Non-Resident Fellow of the OECD Development Center, “Making Sense of Food Price Volatility,” 3-3-11, <http://www.brookings.edu/research/opinions/2011/03/03-food-prices-kharas>, accessed 8-4-12, ara)

This separation into markets, politics and … find that market forces are their new best friend.

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# Heg

## Overstretch and the economy

**Pape, University of Chicago political science professor, 2009**

(Robert, “Empire Falls,” The National Interest, January 2009 - February 2009. Lexis, ldg)

AMERICA IS in unprecedented … gone before, our own hubris may be our downfall.

## Brooks and wolforth concede unipolarity will collapse in the short term.

**Layne, Robert M. Gates Chair in Intelligence and National Security, at Texas A&M University, 2009**

(Christopher, “The Waning of U.S. Hegemony—Myth or Reality? A Review Essay”, International Security, Volume 34, Number 1, Summer 2009, project muse, ldg)

Unipolarity remains the focus of intense …this is spurring an ongoing process of multipolarization.45

## Heg doesn’t deter conflict – empirics prove

Fettweis, 11

(Christopher, professor of political science and international relations at Tulane University, "Free Riding or Restraint? Examining the Grand Strategy of Europe and Japan", Paper presented at the annual meeting of the International Studies Association Annual Conference "Global Governance: Political Authority in Transition", <http://citation.allacademic.com/meta/p_mla_apa_research_citation/5/0/1/3/8/p501387_index.html>, accessed 1-5-12, AT)

The limited empirical evidence … otherwise base their view on faith alone.

# Warming

## It is offense-adding C02 does nothing to increase warming, but when aerosols dissipate runaway warming occurs in the short term

**Zagoni, Eotvos Lorand University physicist, 2009**

(Miklos, “Co2 Cannot Cause Any More “Global Warming”, 12-18, <http://nige.files.wordpress.com/2011/02/saturated-greenhouse-effect-fact.pdf>, DOA: 6-6-12, ldg)

The Earth’s atmosphere differs in essence …protecting the climate from warming.

## Transitioning from coal cleaner tech links

**Rapier, Texas A&M chemical engineering masters, 2011**

(Robert, “Switching to Renewable Energy Could SPEED UP Global Warming”, 9-13, <http://oilprice.com/The-Environment/Global-Warming/Switching-To-Renewable-Energy-Could-SPEED-UP-Global-Warming.html>, DOA: 6-4-12, ldg)

Last week a new study reported … preventing sunlight from reaching the surface:

## S02 makes C02 dissipate faster AND increases plant growth-both reduce warming more.

**Harris, NPR science contributor, 2011**

(Richard, “Air Pollution: Bad For Health, But Good For Planet?”, 11-11, <http://www.npr.org/2011/11/11/142218650/air-pollution-bad-for-health-but-good-for-planet>, DOA: 6-3-12, ldg)

Cleaning up the air, while good for …ignoring this potentially important topic," she says.

## Warming locked in-only a risk decreasing aerosols makes it worse

**Hill, Planet Save, 2012**

(Joshua, “Warming Will Continue Even with Immediate Eradication of Greenhouse Gases”, 3-5, <http://planetsave.com/2012/03/05/warming-will-continue-even-with-immediate-eradication-of-greenhouse-gases/>, DOA: 6-6-12, ldg)

Even if we somehow managed to …2° C will be unavoidable in those regions.”

## No impact- best science proves

**Allegre et al, University of Paris Institute for the Study of the Earth former director, 12**

(Claude; J. Scott Armstrong, cofounder of the Journal of Forecasting and the International Journal of Forecasting; Jan Breslow, head of the Laboratory of Biochemical Genetics and Metabolism, Rockefeller University; Roger Cohen, fellow, American Physical Society; Edward David, member, National Academy of Engineering and National Academy of Sciences; William Happer, professor of physics, Princeton; Michael Kelly, professor of technology, University of Cambridge, U.K.; William Kininmonth, former head of climate research at the Australian Bureau of Meteorology; Richard Lindzen, professor of atmospheric sciences, MIT; James McGrath, professor of chemistry, Virginia Technical University; Rodney Nichols, former president and CEO of the New York Academy of Sciences; Burt Rutan, aerospace engineer, designer of Voyager and SpaceShipOne; Harrison H. Schmitt, Apollo 17 astronaut and former U.S. senator; Nir Shaviv, professor of astrophysics, Hebrew University, Jerusalem; Henk Tennekes, former director, Royal Dutch Meteorological Service; Antonio Zichichi, president of the World Federation of Scientists, Geneva, "No Need to Panic About Global Warming," Wall Street Journal, 1-27-12, online.wsj.com/article/SB10001424052970204301404577171531838421366.html, accessed 2-4-12, mss)

No Need to Panic About Global Warming

There's no compelling scientific … of the IPCC, aggressive greenhouse-gas control policies are not justified economically.

# Water

## 3. Oceans are resilient-they are too big.

**Lomborg, Aarhus university political science professor, 2001**

(Bjorn, The Skeptical Environmentalist, pg 189, ldg)

But the oceans are so incredibly…of the sea and from sediment erosion.

## You would have to cut down the entire Amazon to have an impact on the hydrocycle.

**D’Almeida et al., New Hampshire University Institute for the Study of Earth, Oceans and Space, 2007**

(Cassiano, “The effects of deforestation on the hydrological cycle in Amazonia: a review on scale and resolution”, INTERNATIONAL JOURNAL OF CLIMATOLOGY Int. J. Climatol. 27: 633–647 (2007), ldg)

On the basis of the predictions of … deforestation extent may display.