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# Contention One: Warming

**Newest and most rigorous studies conclude warming is anthropogenic – no alt causes**

**Muller, University of California-Berkeley physics professor, 12**

(Richard A., former MacArthur Foundation fellow, "The Conversion of a Climate-Change Skeptic," 7-28-12, http://www.nytimes.com/2012/07/30/opinion/the-conversion-of-a-climate-change-skeptic.html?pagewanted=all, accessed 8-10-12, mtf)

Call me a converted skeptic. … spectrum about what can and should be done.

**Failure to solve warming causes extinction – geological history proves**

**Bushnell, NASA Langley Research Center chief scientist, 10**

(Dennis M. has a MS in mechanical engineering, won the Lawrence A. Sperry Award, AIAA Fluid and Plasma Dynamics Award, the AIAA Dryden Lectureship, and is the recipient of many NASA Medals for outstanding Scientific Achievement and Leadership, "Conquering Climate Change," The Futurist 44. 3, May/Jun 2010, ProQuest, accessed 10-3-12, mtf)

Unless we act, the next century … sound, they're actually conservative.

**Ocean acidification destroys marine biodiversity and leads to extinction**

**Romm, MIT Physics PhD, 10**

(Joe, Climate Progress editor, Senior Fellow at the American Progress, Acting Assistant Secretary of Energy for Energy Efficiency and Renewable Energy during the Clinton Administration, PhD in Physics from the Massachusetts Institute of Technology, "Nature Geoscience study: Oceans are acidifying 10 times faster today than 55 million years ago when a mass extinction of marine species occurred," 2-18-10, http://thinkprogress.org/climate/2010/02/18/205525/ocean-acidification-study-mass-extinction-of-marine-life-nature-geoscience/?mobile=nc#more-19529, accessed 10-3-12, mtf)

Marine life face some of the worst impacts. We now … carbon dioxide emissions is now.

**Sea level rise causes extinction – even small rises matter**

**Sato, Daily Galaxy contributing editor, 8**

Rebecca, Contributing Editor at DailyGalaxy.com, former Head Writer at Freedom FastTrack “Can Changes in Sea Level Cause Periods of Mass Extinction?—A Galaxy Exclusive,” 6-19-08, http://www.dailygalaxy.com/my\_weblog/2008/06/changes-in-sea.html, accessed 10-3-12, mtf)

For years scientists have been trying to … are likely to induce. We, as a society, are not.”

## Prioritizing global warming is a prerequisite to solving inequality, racism, war, poverty and social justice

**Glick, National Coordinator of the Independent Progressive Politics Network, 4**

(Ted, January 13, 2004, “Global warming: not just another issue” http://www.dissidentvoice.org/Jan04/Glick0113.htm, 9/15/12, atl)

I've been in and around the environmental … for democracy, peace and justice in November.

**Other nations will model US investment – it’s a bellwether of nuclear tech**

**Adamantiades et al., ICG Aeolian Energy, 9**

(A. Adamantiades, ICG Properties is a real estate development firm; and I. Kessides, The World Bank, "Nuclear power for sustainable development: Current status and future prospects," Energy Policy Volume 37, Issue 12, December 2009, Science Direct, accessed 8-5-12, mtf)

This paper describes the current status and … **other parts of the world**.

**Large-scale nuclear power transition solves warming – assumes resource and time restraints**

**Knapp et al., University of Zagreb professor, 10**

(Vladimir Knapp, Dubravko Pevec, and Mario Matijević, Faculty of Electrical Engineering and Computing, Department of Applied Physics, University of Zagreb in Croatia, "The potential of fission nuclear power in resolving global climate change under the constraints of nuclear fuel resources and once-through fuel cycles," Energy Policy Volume 38, Issue 11, November 2010, Science Direct, accessed 8-22-12, mtf)

In this study, we have investigated the … for public acceptance of nuclear energy.

**Global commercialization key to check developing countries’ emissions**

**Kessides and Kuznetsov, World Bank chief economist, 12**

(Ioannis N., Development Research Group and The World Bank; and Vladimir, Consultant at The World Bank, "Small Modular Reactors for Enhancing Energy Security in Developing Countries," Sustainability 2012, 4.8, http://www.mdpi.com/2071-1050/4/8/1806/htm, accessed 9-29-12, mtf)

Increasing concerns related to energy … resistance, and reduced financial risk.

**Only the aff solves – alternative sources are of insufficient scope**

**Loudermilk, Institute for National Strategic Studies research associate, 11**

(Micah J., Research Associate for the Energy & Environmental Security Policy program with the Institute for National Strategic Studies at National Defense University, contracted through ASE Inc., "Small Nuclear Reactors and US Energy Security: Concepts, Capabilities, and Costs," IAGS Journal of Energy Security, May 2011 Issue, 5-31-11, http://www.ensec.org/index.php?option=com\_content&view=article&id=314:small-nuclear-reactors-and-us-energy-security-concepts-capabilities-and-costs&catid=116:content0411&Itemid=375, accessed 9-29-12, mtf)

Nuclear vs. Alternatives: a realistic picture … of the nation’s nuclear energy portfolio.

**No risk of link turns – complete nuclear power chain significantly reduces CO2 emissions**

**Adamantiades et al., ICG Aeolian Energy, 9**

(A. Adamantiades, ICG Properties is a real estate development firm; and I. Kessides, The World Bank, "Nuclear power for sustainable development: Current status and future prospects," Energy Policy Volume 37, Issue 12, December 2009, Science Direct, accessed 8-5-12, mtf)

2.3. Global climate change In 1990 a major … effects of fossil fuel pollutants.

# Contention Two: Proliferation

## Nuclear power will expand globally, even in Japan and Germany. BUT they will be large reactors built outside the US.

**Talbot, Dundee Securities senior mining analyst, 8-14-12**

(David, “Who Will Fill the 24 Million Pound Uranium Supply Gap?: David Talbot”, <http://www.businessinsider.com/who-will-fill-the-24-million-pound-uranium-supply-gap-david-talbot-2012-8>, DOA: 11-5-12, ldg)

The Energy Report: In your last interview, "The … in nuclear power.

## This will result in breakout proliferation-asymmetries undermine deterrence and ensure nuclear war-safeguards are key.

 (Fast/breakout, checks US influence, miscalc risk (small difference/opaqueness)

**Sokolski, Nonproliferation Policy Education Center Executive Director, 09**

(Henry, June 1, 2009, “Avoiding a Nuclear Crowd”, http://www.hoover.org/publications/policy-review/article/5534, 10/3/12, atl)

Finally, several new nuclear weapons … want. None of this, however, is inevitable.

## US construction is key to solve-SMR’s would out compete other models and a strong domestic industry ensures maintenance of the global gold standard.

**Miller, Bipartisan Policy Co-Chair for the Nuclear Initiative, 12**

(Dr. Warren F. “Pete” e-, Former DOE Assistant Secretary for Nuclear Energy, Senator Pete Domenici, July 2012, “Challenges and Opportunities Facing Nuclear Energy in the United States”, http://bipartisanpolicy.org/sites/default/files/Leadership%20in%20Nuclear%20Energy%20Markets.pdf, 8/14/12, atl)

Several other countries, by contrast, …, and deployment (RD&D) programs.

## The plan causes other suppliers to model US practices-ensures no proliferation.

**Sokolski, Nonproliferation Policy Education Center Executive Director, 11**

(Henry, “The Post-Fukushima Arms Race?”, Foreign Policy, July, 29, 2011,http://www.foreignpolicy.com/articles/2011/07/29/the\_post\_fukushima\_arms\_race?print=yesandhidecomments=yesandpage=full, 10/9/12, atl)

A Japanese decision to resist temptation and …as it has reluctantly in the past.

## Other countries follow the US lead-ensures they’ll pick SMR’s and implement safety measures

**Lieberman, American Physical Society senior government relations specialist, 11**

(Jodi, November 15, 2011 “Nonproliferation, Congress, and Nuclear Trade: Plus ça change, plus c’est la même chose” http://csis.org/files/publication/111116\_nonproliferation\_congress\_and\_nucleartrade.pdf)

 U.S. Nonproliferation Influence While 123 … will be held in South Korea in 2012.

## Proliferation causes nuclear war-crisis escalation, aggression, saving face, delegation and launch on warning guarantee it.

Kroenig, Georgetown University Government assistant professor, 12

(Matthew, Assistant Professor of Government at Georgetown University and Stanton Nuclear Security Fellow at Council on Foreign Relations, “The History of Proliferation Optimism: Does It Have A Future?,” 5-26-12, http://www.npolicy.org/article.php?aid=1182andrtid=2, accessed 10-2-12, mtf)

The proliferation optimist position, … to force less-resolved opponents to back down.

# Plan Text

## The United States federal government should substantially increase loan guarantees for small modular thermal reactors.

# Contention Three: Solvency

## Capitalization is key to nuclear commercialization-only the federal government can leverage the funds necessary

Bennett, Vice President for Public Affairs, Third Way, 10

(Matt, Josh Freed is Director of the Third Way Clean Energy initiative, Jeremy Ershow is a Policy Advisor at Third Way, “Breaking the Nuclear Financing Barrier,” February 10, http://content.thirdway.org/publications/265/Third\_Way\_Idea\_Brief\_-\_Breaking\_the\_Nuclear\_Financing\_Barrier.pdf, accessed 9-30-12, ara)

High financing costs stand in the way of …budget request to triple the loan volume.

## SMR’s can be commercialized quickly and are safe-studies prove they have multiple advantages

Kessides and Kuznetsov, World Bank chief economist, 12

(Ioannis N., Development Research Group and The World Bank; and Vladimir, Consultant at The World Bank, "Small Modular Reactors for Enhancing Energy Security in Developing Countries," Sustainability 2012, 4.8, http://www.mdpi.com/2071-1050/4/8/1806/htm, accessed 9-29-12, mtf)

SMRs offer a number of advantages …characterized by significant economies of scale [19].

## NRC will streamline SMR’s

Sullivan, et al., partner, Hogan Lovells’ LLP, 10

(Mary Anne, partner in Hogan Lovells' energy practice in Washington, D.C., Daniel F. Stenger is a partner in Hogan Lovells' energy practice, Amy C. Roma is a senior associate in Hogan Lovells' energy practice, “Are Small Reactors the Next Big Thing in Nuclear?” 12-21-10, <http://www.elp.com/index/display/article-display/3288852302/articles/electric-light-power/volume-88/issue-6/sections/are-small-reactors-the-next-big-thing-in-nuclear.html>, accessed 9-20-12, ara)

The biggest challenge to getting … initiative through industry working groups.

## SMR’s compete with gas-better risk premium and no volatility

**Rosner, Distinguished Service Professor, Departments of Astronomy and Astrophysics, and Physics – Chicago University, 11**

(Robert e-, Senior Fellow, Computation Institute; Director, Energy Policy Institute; Enrico Fermi Institute; Harris School of Public Policy, Stephen Goldberg, Special Assistant to the Director Argonne National Laboratory, “Small Modular Reactors – Key To Future Nuclear Power Generation In The U.S.”, Energy Policy Institute at Chicago The Harris School of Public Policy Studies, 6/2/12, atl)

In both the 2004 Chicago Study and the current … quality for nuclear power plants.

## We have the workforce and infrastructure

**Spencer et al, Thomas A. Roe Institute for Economic Policy Studies research fellow, 11**

(Jack. “A Big Future for Small Nuclear Reactors?” Heritage Foundation. 2-02. <http://www.heritage.org/research/reports/2011/02/a-big-future-for-small-nuclear-reactors>. Accessed: 9/7/2012. ADC)

Domestic Production. Although the …capabilities—all in the United States.

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# Warming

## Goal is to encourage better lawmaking—not always blame scapegoating

Bobertz, 96

(Brad, University of Nebraska College of Law, "Limits of the 'Scapegoating' Thesis," Letter to Robert James McKown, September 24, http://www.cs.jhu.edu/~jonathan/debate/ceda-l/archive/CEDA-L-Sep-1996/msg00382.html)

“I'm writing to clarify some of the ideas in my article, "Legitimizing Pollution Through Pollution Control Laws: Reflections on Scapegoating Theory," published in vol. 73, no. 4 of the Texas Law Review (Mar. 1995).”

  **To sum up, I did not write my "…** I accomplished exactly the opposite of what I intended.

## Science is the best method through which we can know the world – community re-testing ensures science is self-correcting, accurate and unbiased

**Wolfs, University of Rochester Department of Physics and Astronomy, 01**

(Frank, “Introduction to the Scientific Method”, http://teacher.nsrl.rochester.edu/phy\_labs/appendixe/appendixe.html, 9/14/12, atl)

The scientific method is the process by … of the scientific method and other aspects of scientific practice may be found in the references listed below.

# Prolif

## Prolif impacts outweigh the K and flip ethics

**Ford, Hudson Institute Senior Fellow, 11**

(Chris, 1/10/11, Havea and Have-Nots: "Unfairness in nuclear Weapons possession," www.newparadigmsforum.com/NPFtestsite/?p=658, 10/10/12, atl)

First, however, let’s provide some context. As I noted above, it is … more important considerations in play. Let us not forget this.

## Our impact doesn’t presume senseless irrationality-it is the opposite of that.

Kroenig, Georgetown University Government assistant professor, 12

(Matthew, Assistant Professor of Government at Georgetown University and Stanton Nuclear Security Fellow at Council on Foreign Relations, “The History of Proliferation Optimism: Does It Have A Future?,” 5-26-12, http://www.npolicy.org/article.php?aid=1182andrtid=2, accessed 10-2-12, mtf)

 Before reaching a state of MAD, new … Middle East crisis could result in a devastating nuclear exchange.

## The causality of their impact is awful

**Ghughunishvili, CEU IR masters, 2010**

(Irina, “Securitization of Migration in the United States after 9/11: Constructing Muslims and Arabs as Enemies”, online pdf, ldg)

As provided by the Copenhagen … actors and can relate to their speeches.

## Der Derian’s argument is false—threat construction isn’t used to justify wars to the public

**Garofano, Harvard political science professor, 2002**

(John, “Virtuous War: Mapping the Military-Industrial-Media-Entertainment Network”, Political Science Quarterly, Vol. 117 No. 1, pg. 138, ebsco, ldg)

Der Derian argues that "the sanitization … to conclude that cyberwar's first casualty is truth.

# Cap K

## Perm do the plan and all nme parts of the alt

## Perm do the plan and endorse the abandonment of our belief in capitalism

## Plan won’t be co-opted by capital – elites don’t control policymaking.

**Ralph, Leeds international politics professor, 2000**

(Jason, American democracy promotion: impulses, strategies and impacts, pg 197, ldg)

American policy undoubtedly advocates…result of a continuous political process.

## Globalization solves poverty and repression

**Chen, Minnesota law school professor, 2000**

(Jim, “ESSAY: PAX MERCATORIA: GLOBALIZATION AS A SECOND CHANCE AT "PEACE FOR OUR TIME”, 24 Fordham Int'l L.J. 217, lexis, ldg)

The antiglobalization movement has made some … the road to serfdom. n197

## Plan allows the greatest adaptive capacity and improves human wellbeing that overwhelms negative effects.

**Goklany, Assistant Director for Science and Technology Policy, 2007**

(Indur, “IS A RICHER-BUT-WARMER WORLD BETTER THAN POORER-BUT-COOLER WORLDS?”, <http://www.ce.cmu.edu/~gdrg/readings/2006/02/14/Goklany_160.pdf>, DOA: 8-17-12, ldg)

Table 10 indicates that notwithstanding gross … be exacerbated by climate change (Goklany, 2005, 2007a).

## Capitalism isn’t the root cause- their alt won’t solve

**Aberdeen, activist and owner of Freedom Tracks Records, 2003**

(Richard, “the way: a theory of root cause and solution” <http://freedomtracks.com/uncommonsense/theway.html>, ldg)

A view shared by many modern activists … individuals within a perceived economic “class”.

## There is no alternative to capitalism or a clear transition

**Kliman, Pace economics professor, 2004**

(Andrew, “Alternatives to Capitalism: What Happens After the Revolution?” <http://akliman.squarespace.com/writings/>, DOA: 11-3-12, ldg)

Have we faced the harsh reality that, … one path into the future rather than another.”

## Only the rich have the luxury to withdraw –this strategy fuels cap

**Hinman, Sydney Stop the War Coalition founder, 1996**

(Pip, “Utopia revisited?”, 23 October 1996, http://www.greenleft.org.au/1996/251/13206, ldg)

Trainer hopes that these projects will set an … integral part of a capitalist expansionist project.

## Capitalism is premised on humans being ends in themselves-key to value to life

**Tracinski, Intellectual Activist editor, 2008**

(Robert, “The Moral and the Practical”, <http://www.moraldefense.com/Philosophy/Essays/The_Moral_and_the_Practical.htm>, DOA: 9-12-11, ldg)

Stated in more fundamental terms, capitalism is … ever-increasing wealth and prosperity.

**Ethical policymaking must be grounded in consequences**

**Isaac, political science professor Indiana University, 2002**

(Jeffrey, “Ends, Means, and Politics, Dissent Magazine, Spring 2002, ldg)

Power is not a dirty word or an unfortunate … undermines political effectiveness.

## Capitalism key to artificial intelligence

**Kurzweil, Co-Founder, Chancellor & Trustee, Singularity University, 2001**

(Ray, “The Law of Accelerating Returns”, 3-7, <http://research.lifeboat.com/law.htm>, ldg)

There is a vital economic imperative to …competition to stop this progression.

## AI solves every impact and averts multiple scenarios for extinction

**Howe, The Singularity Institute, 2002**

(Mitchell, “What are the Odds?”, <http://www.acceleratingfuture.com/articles/whataretheodds.htm>, ldg)

Between now and 2029, scientists will … asteroid strikes and climate change, will be averted or remedied with surprising ease.

# Feminism K

**Discourse is worthless—other structures trump**

**Tuathail, geography professor Virginia Polytechnic Institute, 1996**

(Gearoid, “The critical geopolitics constellation: problematizing fusions of geographical knowledge and power”, Political Geography, 15(6-7), p. 664, science direct, ldg)

While theoretical debates at academic … be open to the patterned mess that is human history.

## Perm do the plan and all noncompetitive parts of the alt – alt alone fails

**Donnelly et al., Denver political science professor, 2005**

(Jack, “Feminism and International Relations: Which way(s) Forward?”, <http://www.allacademic.com/meta/p71431_index.html>, DOA: 10-24-11, ldg)

Over the past two decades, feminist critics and … argument with representative examples of these two strands of feminist work from the past decade.

## The alt won’t be adopted

**Keohane, Princeton Political science professor, 1998**

(Robert, “Beyond Dichotomy: Conversations Between International Relations And Feminist Theory”, International Studies Quarterly, 42.1, ebsco, ldg)

The absence of sustained responses by established …constitute a serious attempt to discuss real issues.

## Patriarchy not the root cause—inseparable from regional conflict and structural conditions.

**Stansell, Princeton history professor, 2010**

(Christine, “Global Feminism in a Conservative Age: Possibilities and Pieties Since 1980”, Dissent, April 1st Edition, pg. 51-52, ebsco, ldg)

But at the same time, the use of patriarchy … propriety, newly invented or recently resurrected.