4th International Conference on Climate Change

Sponsored by the Heartland Institute

May 16-18, 2010  Chicago, Illinois

Reconsidering the Science and Economics
4th International Conference on Climate Change

Host

The Heartland Institute

Cosponsors

African Centre for Advocacy and Human Development - Nigeria
Alternate Solutions Institute - Pakistan
American Conservative Union
American Policy Center
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American Action Network
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African Centre for Advocacy and Human Development - Nigeria

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Competitive Enterprise Institute
Cornwall Alliance for the Stewardship of Creation
Doctors for Disaster Preparedness
European Coalition for Economic Growth - Austria
Europäisches Institut für Klima und Energie - Germany
Foundation for Economic Thinking
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Freedom Foundation of Minnesota
FreedomWorks
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The Independent Institute
Initiative for Public Policy Analysis - Nigeria
Institute for Free Enterprise - Germany
Institute of Public Affairs - Australia
Instituto Juan de Mariana - Spain
Instituto Liberdade - Brazil
Instituto De Libre Empresa - Peru
International Climate Science Coalition - Australia
Istituto Bruno Leoni - Italy
Junkscience.com
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The Leadership Institute

Liberales Institut - Switzerland
Liberty Institute - India
Lincoln Legal Foundation
John Locke Foundation
Mannkal Economic Education Foundation - Australia
George C. Marshall Institute
Media Research Center
Minimal Government Thinkers, Inc. - Philippines
National Center for Public Policy Research
New Zealand Climate Science Coalition - New Zealand
Oregon Institute of Science and Medicine
Science & Environmental Policy Project
Science and Public Policy Institute
Sovereignty International
Tennessee Center for Policy Research
TS August
Welcome to the Fourth International Conference on Climate Change!

We are gathered here in Chicago to learn the truth about global warming: whether it is occurring, what might be causing it, what its effects could be (or already are), and what, if anything, should be done to delay or adapt to its onset.

Much has happened in the year since we last met at the third conference in Washington, DC:

- Last November, emails and other documents from the Climatic Research Unit at the University of East Anglia revealed a pattern of mismanagement of temperature data, interference with peer review, and overt efforts to suppress academic debate on global warming;
- In December, negotiations in Copenhagen over a successor to the Kyoto Protocol collapsed, leaving the world without a binding international agreement after Kyoto expires in 2012;
- In January, major errors of fact and forecasts in the reports of the Intergovernmental Panel on Climate Change (IPCC) were acknowledged by the agency’s staff and supporters;
- In February, Phil Jones, director of the Climatic Research Unit, admitted there has been no statistically significant global warming since 1995 and that “the vast majority of climate scientists” do not believe the debate on climate change is over;
- In March and April, The Christian Science Monitor and many other respected sources uncovered evidence of massive fraud in the operation of cap-and-trade programs, raising doubts about the workability of such programs as well as the ethics and objectivity of Al Gore and others who have made millions of dollars by creating firms that buy and sell carbon credits.

Little surprise, then, that only 33 percent of Americans, according to a recent poll, believe global warming is man-made. All of this suggests now is a good time to reconsider the science and economics of climate change, the theme of this year’s conference.

Seventy-three distinguished scientists, economists, and policy experts from 23 countries are with us today to present their findings on these important matters. This event is sponsored by The Heartland Institute and cosponsored by 64 nonprofit think tanks and advocacy groups from 17 countries. I extend our heart-felt appreciation to everyone who worked with us to make this conference a success.

I hope you enjoy the conference, and I look forward to seeing you at future events.

Sincerely,

Joseph L. Bast
President
The Heartland Institute
# Schedule of Speakers and Panels

## Sunday, May 16

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<td>Exhibit Hall</td>
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<td>5:00 - 6:00 PM</td>
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<td>Harrison Schmitt, Ph.D., <em>Constitutional Constraints on Regulation Related to Climate and Energy</em></td>
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<td>Stephen McIntyre, <em>Climategate: A Battlefield Perspective</em></td>
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<tr>
<td>9:00 - 10:00 PM</td>
<td>Networking Reception</td>
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## Monday, May 17

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<td>6:30 AM - 3:00 PM</td>
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<td>7:00 - 8:45 AM</td>
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<tr>
<td></td>
<td>Patrick J. Michaels, Ph.D., <em>Global Warming Science Now Compels EPA to Re-open its Finding of Endangerment</em></td>
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<td></td>
<td>Hon. George F. Allen, J.D., <em>A Winning American Energy Game Plan</em></td>
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<td>8:45 - 9:15 AM</td>
<td>Break and Book-Signing</td>
<td>5th Floor — Garth William Paltridge, Ph.D., D.Sc.</td>
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<td>Ian Plimer, Ph.D.</td>
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<tr>
<td>9:15 - 10:45 AM</td>
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<td>Bruno Behrend, Moderator</td>
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<td></td>
<td>Craig D. Idso, Ph.D.</td>
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<td>Robert Fergusson</td>
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<td>Gary Sharp, Ph.D.</td>
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<td>David Douglass, Ph.D.</td>
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<td>Bob Carter, Hon. FRSNZ</td>
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<td>Habibullo Abdussamatov, Dr. Sci.</td>
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<td>Craig Loehle, Ph.D.</td>
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<td>Matt Glans, Moderator</td>
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<td>Ben Lieberman</td>
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<td>Tam Hunt, J.D.</td>
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<td>Robert J. Michaels, Ph.D.</td>
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<td>10:45 - 11:00 AM</td>
<td>Break and Book-Signing</td>
<td>5th Floor — S. Fred Singer, Ph.D.</td>
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<td>Roy W. Spencer, Ph.D.</td>
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<td>11:00 AM - 12:30 PM</td>
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<td>A. S. Denning, Ph.D.</td>
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<td>Howard Hayden, Ph.D.</td>
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<td>Gabriel C. Alvarez, Ph.D.</td>
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<td>Carlo Stagnaro, Ph.D.</td>
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<td>David G. Tuerck, Ph.D.</td>
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<td>Christopher C. Horner</td>
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<td>Alan Carlin, Ph.D.</td>
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<td>Eigil Friis-Christensen, Ph.D.</td>
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<tr>
<td>12:30 - 1:00 PM</td>
<td>Break</td>
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<td>12:45 - 3:00 PM</td>
<td>Lunch</td>
<td>7th Floor — James M. Taylor, Welcome</td>
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<td>Sen. James Inhofe, <em>The Future of Cap &amp; Trade in the U.S. Senate</em></td>
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<td>Richard Lindzen, Ph.D., <em>Global Warming: How to Approach the Science</em></td>
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<tr>
<td>3:00 - 3:30 PM</td>
<td>Break and Book-Signing</td>
<td>5th Floor — Craig Loehle, Ph.D.</td>
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<td></td>
<td>James Delingpole, Joseph D’Aleo, S. Fred Singer, Ph.D., Ross McKitrick, Ph.D.</td>
<td>Tom V. Segalstad, Ph.D., George J. Kukla, Ph.D., Madhav Khandekar, Ph.D., H. Leighton Steward, Ph.D.</td>
<td>William Kininmonth, M.Sc., Victor M. Velasco, Herrara, Ph.D., Ian Plimer, Ph.D.</td>
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<td>Indur Goklany, Howard Maccabee, Ph.D., M.D., Anthony Watts, Paul C. Knappenberger</td>
<td>Helen Roe, Ph.D., Tim Patterson, Ph.D., Willis Eschenbach</td>
<td>Andreas Prokoph, Ph.D., Art Horn, Graeme Swindles, Ph.D.</td>
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<td>John Humphreys, Cory Bernardi, Joseph Clark, Ph.D.</td>
<td>Alan Moran, Ph.D., Bryan Leyland, M.Sc., Jim Johnston</td>
<td>Chris de Freitas, Ph.D., Gerald E. Marsh, Andrei Illarionov, Ph.D.</td>
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<td></td>
<td>Hans Labohn, Myron Ebell, Laurence I. Gould, Ph.D., Garth W. Paltridge, Ph.D., D.Sc.</td>
<td>Walter Cunningham, Todd Wynn, Avril Terri Jackson, M.Sc., MPhil., E. Calvin Beisner, Ph.D.</td>
<td>J. Scott Armstrong, Ph.D., Kesten C. Green, Ph.D., Keith Lockitch, Ph.D.</td>
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### 5:00 - 8:30 PM
DINNER ON YOUR OWN

### 8:30 - 10:30 PM
Dessert Reception

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<tr>
<th>Time</th>
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<th>Exhibit Hall: 8:00 AM - 3:00 PM</th>
<th>Breakfast: 7:00 - 8:45 AM</th>
<th>Break and Book-Signing: 8:45 - 9:15 AM</th>
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<td>5th Floor</td>
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<td>7th Floor — Dan Miller, Welcome</td>
<td>5th Floor — Nils-Axel Mörner, Ph.D.</td>
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<td></td>
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<td></td>
<td>Jay H. Lehr, Ph.D., Saving Science after Climategate: Recovering from the Loss of Scientific Credibility</td>
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<td></td>
<td>Roy W. Spencer, Ph.D., Urban Heat Island Effects in the Temperature Record, and a New Satellite-Based Land Surface Temperature Product</td>
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### 10:35 - 11:00 AM
Break and Book-Signing

### 12:30 - 1:05 PM
Lunch

### 3:00 PM
7th Floor — Joseph Bast, Wrap-Up and Adjourn
BOOK-SIGNING OPPORTUNITIES – 5TH FLOOR EXHIBIT HALL

MONDAY

Ian Plimer, Ph.D.
8:45 - 9:15 AM
Heaven and Earth: Global Warming, the Missing Science
$21.95

Roy W. Spencer, Ph.D.
10:35 - 11:00 AM
The Great Global Warming Blunder: How Mother Nature Fooled the World’s Top Scientists
$20.00

Garth W. Paltridge, Ph.D., D.Sc.
8:45 - 9:15 AM
The Climate Caper
$10.95

S. Fred Singer, Ph.D.
10:35 - 11:00 AM
Hot Talk, Cold Science
$10.00

Craig Loehle, Ph.D.
3:00 - 3:30 PM
Becoming a Successful Scientist: Strategic Thinking for Scientific Discovery
$35.00

TUESDAY

Nils-Axel Mörner, Ph.D.
8:45 - 9:15 AM
The Greatest Lie Ever Told
$15.00

Bob Carter, Hon. FRSNZ
12:30 - 1:00 PM
Climate: The Counter-consensus — A Scientist Speaks
$16.00

Christopher C. Horner, J.D.
10:35 - 11:00 AM
Power Grab: How Obama’s Green Policies Will Steal Your Freedom and Bankrupt America
$27.95
### TRACK 1: SCIENCE 1
#### Bruno Behrend, Moderator

**Craig D. Idso, Ph.D.**  
Center for the Study of Carbon Dioxide and Global Change  
*Quantifying the Effects of Ocean Acidification on Marine Organisms*

**Robert Ferguson**  
Science and Public Policy Institute  
*Plant and Animal Responses to Global Warming*

**Gary Sharp, Ph.D.**  
Marine Biologist and Independent Consultant  
*Projecting Climate Changes and Ecological Responses - Coping with Changes*

### TRACK 2: SCIENCE 2
#### John Nothdurft, Moderator

**Nils-Axel Mörner, Ph.D.**  
Paleogeophysics & Geodynamics, Stockholm University  
*No Alarming Sea Level Rise: Nature Against the IPCC - Observations vs. Models*

**Bob Carter, Hon. FRSNZ**  
James Cook University (Queensland)  
*Ancient Sea Level and Climate Change*

**Fred Goldberg, Ph.D.**  
The Royal Institute of Technology (KTH) (Stockholm)  
*Some Historical Ice Observations and Possible Future Ice Conditions in the Arctic*

**Don J. Easterbrook, Ph.D.**  
Western Washington University (emeritus)  
*The Looming Threat of Global Cooling - Geological Evidence for Prolonged Cooling Ahead and its Impacts*

### TRACK 3: ECONOMICS
#### Matt Glans, Moderator

**Ben Lieberman**  
The Heritage Foundation  
*The Economics of Global Warming Policy*

**Tam Hunt, J.D.**  
Community Renewable Solutions, LLC  
*The Potential for Community-Scale Renewables to Transform America*

**Robert J. Michaels, Ph.D.**  
California State University, Fullerton  
*Renewable Electricity Quotas: Wrong Crisis, Wrong Remedy*

### TRACK 4: PUBLIC POLICY
#### Peter Fotos, Moderator

**Mike Noel**  
Utah State Representative  
*Energy Policy Issues and the Western Climate Initiative*

**Pamela Gorman**  
Arizona State Senator and Candidate, U.S. House of Representatives  
*Cents and Sense: An Energy Agenda for America’s Future*

**Michael Jungbauer**  
Minnesota State Senator  
*Renewable Energy Mandates: A State’s Perspective*

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10:45 - 11:00 AM – Refreshment break and book-signing in the Exhibit Hall, 5th Floor
## MONDAY - Breakout Session 2  
**11:00AM - 12:30PM**  
**5th Floor**

### TRACK 1: SCIENCE 1  
**Bruno Behrend, Moderator**

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<tr>
<td>The Overwhelming Dominance of Natural Climate Change over Anything Carbon Dioxide Increases Can Accomplish</td>
<td>William M. Gray, Ph.D.</td>
<td>Colorado State University</td>
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<tr>
<td>The Connection Between Carbon Dioxide and Climate Change</td>
<td>A. Scott Denning, Ph.D.</td>
<td>Cooperative Institute for Research in the Atmosphere</td>
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<td>Establishing an Upper Limit to Climate Sensitivity</td>
<td>Howard Hayden, Ph.D.</td>
<td>University of Connecticut (emeritus)</td>
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### TRACK 2: SCIENCE 2  
**John Nothdurft, Moderator**

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<tr>
<td>The Sun, the Milky Way, and the Carbon Dioxide Monster</td>
<td>Willie Soon, Ph.D.</td>
<td>Astrophysicist, Science and Public Policy Institute</td>
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<td>The Sun Dictates the Climate</td>
<td>Habibullo Abdussamatov, Dr. Sci.</td>
<td>Pulkovo Observatory (Russia)</td>
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<tr>
<td>Natural Climate Cycles Explain Most of Twentieth Century Warming</td>
<td>Craig Loehle, Ph.D.</td>
<td>National Council for Air and Stream Improvement</td>
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### TRACK 3: ECONOMICS  
**Matt Glans, Moderator**

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<tr>
<td>Green Eggs and Scam: The Myth of Green Jobs</td>
<td>Gabriel Calzada Alvarez, Ph.D.</td>
<td>King Juan Carlos University (Spain)</td>
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<td>Are Green Jobs Real Jobs? Evidence from Italy</td>
<td>Carlo Stagnaro, Ph.D.</td>
<td>Istituto Bruno Leoni (Italy)</td>
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<td>Not that Easy Being Green? Blame Uncle Sam</td>
<td>David G. Tuerck, Ph.D.</td>
<td>Beacon Hill Institute at Suffolk University</td>
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### TRACK 4: PUBLIC POLICY  
**Peter Fotos, Moderator**

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<td>It Was Never About Climate: Obama's Power Grab</td>
<td>Christopher C. Horner, J.D.</td>
<td>Competitive Enterprise Institute</td>
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<td>EPA: The Administration's High-Risk but Pivotal Climate Gamble</td>
<td>Alan Carlin, Ph.D.</td>
<td>U.S. Environmental Protection Agency (retired)</td>
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<tr>
<td>Is the Free Scientific Process Threatened by the Political Agenda?</td>
<td>Eigil Friis-Christensen, Ph.D.</td>
<td>National Space Institute - Technical University of Denmark</td>
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<tr>
<td>Man-Made Global Warming Fears RIP: 1988-2010</td>
<td>Marc Morano</td>
<td>ClimateDepot.com</td>
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### 12:30 - 1:00 PM – Break / 12:45 - 3:00 PM – Plenary Lunch

**Hon. James Inhofe, U.S. Senator - Oklahoma**  
The Future of Cap & Trade in the U.S. Senate

**Richard Lindzen, Ph.D., Massachusetts Institute of Technology**  
Global Warming: How to Approach the Science
**MONDAY - Breakout Session 3**

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<tr>
<td>Author, Broadcaster, Telegraph Blogger</td>
<td>American Enterprise Institute</td>
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<tr>
<td><em>Climategate and the War against Man, Bear, Pig</em></td>
<td><em>Climate Change and Mortality</em></td>
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<td>Joseph D’Aleo</td>
<td>Howard Maccabee, Ph.D., M.D.</td>
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<td>International Climate and Environmental Change Assessment Project</td>
<td>Doctors for Disaster Preparedness</td>
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<td><em>How Climategate Sheds Light on Global Data Integrity Issues</em></td>
<td><em>Health Data Contradict EPA Regulation of Carbon Dioxide</em></td>
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<td>S. Fred Singer, Ph.D.</td>
<td>Anthony Watts</td>
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<td>Science and Environmental Policy Project</td>
<td>SurfaceStations.org</td>
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<td><em>Climategate Whitewash: What “Hiding the Decline” Means</em></td>
<td><em>Preliminary Results of the Surface Stations Project: Does the Station Siting Matter?</em></td>
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<td>Ross McKitrick, Ph.D.</td>
<td>Paul C. “Chip” Knappenberger</td>
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<td>University of Guelph (Canada)</td>
<td>New Hope Environmental Services, Inc.</td>
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<td><em>Models versus Observations: An Updated Comparison</em></td>
<td><em>Assessing the Consistency Between Short-Term Global Temperature Trends in Observations and Climate Model Projections</em></td>
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<td>Hans Labohm</td>
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<td>Australian Libertarian Society</td>
<td>Independent Economist, Former Diplomat (Netherlands)</td>
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<td><em>Economic Analysis of Australia’s Climate Policy</em></td>
<td><em>Climate Change: Political, Economic, and Social Implications</em></td>
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<td>Cory Bernardi</td>
<td>Myron Ebell</td>
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<td>Senator, Australian Senate</td>
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<td><em>The Political Fight Against an Emissions Trading Scheme in Australia</em></td>
<td><em>The Scientific Bureaucratic Complex and the Corruption of Public Policy</em></td>
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<td>Joseph Clark, Ph.D.</td>
<td>Laurence I. Gould, Ph.D.</td>
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<td>Suncorp Investments (Australia)</td>
<td>University of Hartford</td>
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<td><em>Climate Market Design</em></td>
<td><em>What You Don’t Know CAN Hurt You (and Others): Advice to Educators (and Others)</em></td>
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<td><strong>Garth William Paltridge, Ph.D., D.Sc.</strong></td>
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<td>Australian National University (emeritus)</td>
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<td><em>Eddies and Feedbacks — What Exactly Is it that Is “Settled” About Climate Science?</em></td>
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5:00 - 8:30 PM – Dinner On Your Own

8:30 - 10:30 PM – Dessert Reception – 5th Floor Exhibit Hall
### TRACK 1: SCIENCE 1
**Bruno Behrend, Moderator**

- **Tom V. Segalstad, Ph.D.**  
  University of Oslo  
  *Geochemistry of Carbon Dioxide: The Whereabouts of Carbon Dioxide on Earth*

- **George J. Kukla, Ph.D.**  
  Lamont-Doherty Earth Observatory at Columbia University  
  *Interglacials Start with Global Cooling and End with Global Warming*

- **Madhav Khandekar, Ph.D.**  
  Environment Canada (retired)  
  *Glaciergate, Glacier Melt and Future Sea Level Rise: A New Perspective*

- **H. Leighton Steward, Ph.D.**  
  Institute for the Study of Earth and Man at Southern Methodist University  
  *Empirical Evidence (Paleoclimates) and the Disconnect of Climate Change*

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### TRACK 2: SCIENCE 2
**John Nothdurft, Moderator**

- **Helen Roe, Ph.D.**  
  Queen's University (Northern Ireland)  
  *Climate Oscillations During the Last 4500 Years: Insights from Irish Peatlands*

- **Tim Patterson, Ph.D.**  
  Carleton University (Canada)  
  *Stable Isotope Analysis of Peat Bog Sphagnum Moss to Track Holocene Paleoclimate*

- **Willis Eschenbach**  
  Independent Climate Researcher  
  *How Clouds and Thunderstorms Control the Earth's Temperature*

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### TRACK 3: ECONOMICS
**Matt Glans, Moderator**

- **Alan Moran, Ph.D.**  
  Institute of Public Affairs (Australia)  
  *Emissions Abatement Measures: Their Clear Costs and Unlikely Benefits*

- **Bryan Leyland, M.Sc.**  
  International Climate Science Coalition (New Zealand)  
  *The Realities of New Renewable Energy Technologies*

- **Jim Johnston**  
  The Heartland Institute  
  *Carbon Cap and Trade: An Update*

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### TRACK 4: PUBLIC POLICY
**Peter Fotos, Moderator**

- **Walter Cunningham**  
  Apollo 7 Astronaut, Entrepreneur, Venture Capitalist  
  *Failure to Communicate*

- **Todd Wynn**  
  Cascade Policy Institute  
  *Economic Freedom: A No-Regrets Strategy for Reducing Energy Consumption and Carbon Emissions*

- **Avril Terri Jackson, MSc., MPhil**  
  Founder, Energy Group, Institute of Physics, London (England)  
  *United Kingdom Climate Policy Issues*

- **E. Calvin Beisner, Ph.D.**  
  Cornwall Alliance for the Stewardship of Creation  
  *How Environmentalists Have Targeted Evangelicals to Create the Appearance of Mass Public Support of Anthropogenic Global Warming Mitigation*

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**TUESDAY - Breakout Session 4**  
**9:15AM - 10:45AM**  
**5th Floor**

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**10:45 - 11:00 AM** – Refreshment break and book-signing in the Exhibit Hall, 5th Floor
# TUESDAY - Breakout Session 5  
**11:00AM - 12:30PM**  
**5th Floor**

## TRACK 1: SCIENCE 1  
**Bruno Behrend, Moderator**

- **William Kininmonth, M.Sc.**  
  Australasian Climate Research Institute  
  *Natural Responses Limiting Anthropogenic Climate Forcing*

- **Victor Manuel Velasco Herrara, Ph.D.**  
  Institute of Geophysics at the National Autonomous University of Mexico  
  *The New Solar Minimum and the Mini Ice Age of the Twenty-First Century*

- **Ian Plimer, Ph.D.**  
  The University of Adelaide (Australia)  
  *The Forgotten Word of Climate Change: Time*

## TRACK 2: SCIENCE 2  
**John Nothdurft, Moderator**

- **Andreas Prokoph, Ph.D.**  
  University of Ottawa (Canada)  
  *Mismatch of Carbon Dioxide and the Earth’s Temperatures: 35 Million Cyclicity Over the Last 420 Million Years*

- **Art Horn**  
  The Art of Weather  
  *When Prophecies Fail*

- **Graeme T. Swindles, Ph.D.**  
  Paleoclimatologist and Tephrochronologist  
  *Evidence of Solar Force Climate Change from Peat Bogs*

## TRACK 3: ECONOMICS  
**Matt Glans, Moderator**

- **Chris de Freitas, Ph.D.**  
  University of Auckland (New Zealand)  
  *Influence of the Southern Oscillation of Global Temperature*

- **David Douglass, Ph.D.**  
  University of Rochester  
  *New Comparisons of Tropical Temperature Trends with 22 Model Predictions from 1958 - 2004: At Least 20 Models Are Still Wrong*

- **Gerald E. Marsh**  
  Argonne National Laboratory (retired)  
  *Climate Change, Energy, and National Security*

- **Andrei Illarionov, Ph.D.**  
  Cato Institute (Russia)  
  *Analysis of the Russian Segment of the HADCRUT3 Database*

## TRACK 4: PUBLIC POLICY  
**Peter Fotos, Moderator**

- **J. Scott Armstrong, Ph.D.**  
  Wharton School, University of Pennsylvania  
  *Global Warming: A Scientific Forecasting Controversy or a Political Movement?*

- **Kesten C. Green, Ph.D.**  
  University of South Australia  
  *Outcomes of the Global Warming Political Movement: Forecasts from Structure Analogies*

- **Keith Lockitch, Ph.D.**  
  Ayn Rand Institute  
  *The Roots of Climate Alarmism*

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**12:30 - 1:00 PM**  
**Break and Book-Signing**  
**12:45 - 3:00 PM**  
**Plenary Lunch**

- **Julian Morris**  
  International Policy Network  
  *2012: A Fable for Carbon Traders*

- **Lord Christopher Monckton**  
  Science and Public Policy Institute  
  *Global Warming: The Trojan Horse that Menaces Global Freedom*
**CONFERENCE SPEAKERS**

**Habibullo Abdussamatov, Dr. Sci.** is head of the Space Research Laboratory at the Pulkovo Observatory and head of the Russian-Ukrainian project Astrometria on the Russian Segment of the International Space Station. He holds two patents for scientific inventions and is the author of more than 160 scientific publications. 

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**George F. Allen, J.D.** has served the Commonwealth of Virginia for more than 20 years as governor, in both bodies of the United States Congress, and as a delegate holding Thomas Jefferson’s seat in the Virginia General Assembly. He is president of George Allen Strategies, LLC and serves on the boards of directors of several technology companies, including Lee Technologies, nanoTox, and the Hillsdale Group. He is founder and chairman of the American Energy Freedom Center.

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**J. Scott Armstrong, Ph.D.**., MIT, is a professor at the Wharton School, University of Pennsylvania, author of Long-range Forecasting, creator of forecastingprinciples.com and editor of Principles of Forecasting, an evidence-based summary of knowledge on forecasting methods. He is a founder of the Journal of Forecasting, the International Journal of Forecasting, and the International Symposium on Forecasting.

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**Joseph Bast** is president and CEO of The Heartland Institute, a non-profit research center founded in 1984 and located in Chicago, Illinois. He is the coauthor or editor of 15 books, including Eco-Sanity: A Common-Sense Guide to Environmentalism (1994), Unstopable Global Warming (second edition 2007), and Climate Change Reconsidered (2009). He is publisher of Environment & Climate News and four other monthly newspapers with a combined circulation of nearly 200,000 copies. Bast has been recognized for his contributions to public policy research and debate, including being named one of “The 88 to Watch in 1988” by the Chicago Tribune; recipient of the 1994 Roe Award from State Policy Network; commissioned a Kentucky Colonel by Gov. Paul E. Patton in 1996; corecipient of the 1996 Sir Antony Fisher International Memorial Award; recipient of the 1998 Eagle Award from Eagle Forum; and recipient of the 2004 Champion of Liberty award from the Libertarian National Committee. He was elected a member of the Philadelphia Society in 2002 and to the board of trustees of Shimer College in 2008.

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**E. Calvin Beisner, Ph.D.** has been respected for more than 20 years for his application of Biblical world view, theology, and ethics to economics, environmental stewardship, and public policy. He is the author of Prosperity and Poverty: The Compassionate Use of Resources in a World of Scarcity and Prospects for Growth: A Biblical View of Population, Resources, and the Future. He was the primary author of The Cornwall Declaration on Environmental Stewardship and is a founder, board member, and national spokesman for The Cornwall Alliance for the Stewardship of Creation.

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**Cory Bernardi** was sworn in as a senator for South Australia in May 2006. He has had more than 24 years’ involvement in the Liberal Party in Australia. He was one of the leading advocates within the Liberal Party who stood against the Rudd Labor Government's Carbon Pollution Reduction Scheme. Before entering politics Senator Bernardi was a business owner and equity investment fund manager. He is the author of three books and recently founded the Conservative Leadership Foundation – a not-for-profit educational, research and training organization dedicated to developing Australia’s future leaders.

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**Gabriel Calzada Alvarez, Ph.D.** has been associate professor of economics at King Juan Carlos University in Spain since 2004. Since 2007 he has been in charge of the applied economics courses at the Environmental Science Faculty. Calzada is also associate professor of economics at IE University and visiting professor at the Universidad Francisco Marroquin in Guatemala. In March 2005 he became founder-president of the classical liberal think tank Instituto Juan de Mariana, winner of the 2008 John Templeton Freedom Award. Calzada is also vice-director of the Austrian School-oriented scholarly Processos de Mercado and is adjunct scholar at the Ludwig von Mises Institute (Auburn, Alabama). He has published academic articles in dozens of publications and has testified before the U.S. Congress as well as presented results of his research at The Energy Solutions Summit at the U.S. House of Representatives.

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**Alan Carlin, Ph.D.** retired recently after more than 38 years as a senior analyst and manager at the U.S. Environmental Protection Agency, where he worked both on the economics and the physical science aspects of environmental pollution control, including supervising the production of pollutant assessment reports similar in concept to EPA’s greenhouse gas endangerment report. His work on energy-related issues spans more than 40 years both at EPA and The RAND Corporation. He has written about 35 professional papers in economics and the physical sciences, including 10 on energy and/or climate change. In March
2009 he authored a highly critical internal review of EPA's draft report on endangerment from greenhouse gases, which resulted in his resig- nament to other research and an attempt to suppress his comments, but later attracted considerable press attention when made public in June 2009. He has long worked at the interface between public poli- cy, economics, and the physical sciences. He holds a B.S. in physics from Caltech and a Ph.D. in economics from MIT.

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Bob Carter, Hon. FRSNZ is a marine geologist and envi- ronmental scientist with 40 years’ professional experience. He has held academic positions at Otago University and the University of Adelaide and is currently a research professor at James Cook University (Queensland), where he was head of the School of Earth Sciences between 1981 and 1999. He is a former direc- tor of the Australian Office for the Ocean Drilling Program and has served on many national and international research committees, includ- ing the Australian Research Council. He is a former chairman of the Marine Science and Technologies Award Committee and the National Committee on Earth Sciences. He is an overseas honorary fellow of the Royal Society of New Zealand. Carter’s current research on climate change, sea-level change, and stratigraphy is based on field studies of Cenozoic sediments from the Southwest Pacific region and includes the analysis of marine sediment cores collected during Ocean Drilling Program Leg 181 in the South Pacific Ocean east of New Zealand.

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Joseph Clark, Ph.D. has lectured in mathematical and fi- nancial economics and is currently director of commodity and currency strategy at Suncorp Investments, an Australian funds manager.

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Walter Cunningham is best known as pilot of Apollo 7, the first manned flight test of the Apollo Program to land a man on the Moon. He is a retired Marine Corps fighter pilot with the rank of colonel and 4,500 hours pilot time. He is a successful businessman, entrepreneur, venture capitalist, lec- turer, author, and host of a radio talk show. He is a member of the astronaut hall of fame. His writings and involvement with energy and the environment date back to 1970, when he was one of three founders of The Earth Awareness Foundation, an environmental con- cern organization. From 2000 to 2005, he was a member of the advisory board for the National Renewable Energy Laboratory.

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Joseph D’Aleo is executive director of ICECAP, an organi- zation and Web site devoted to climate change issues. He was a professor of meteorology for six years at Lyndon State College (in Vermont) and from 1981 to 1988 was the first director of meteorology at The Weather Channel. He was a weather producer for ABC’s “Good Morning America” while planning The Weather Channel with John Coleman. He is a certified consultant meteorologist and a fellow of the American Meteorological Society. He has served as chairman of the AMS Committee on Weather Analysis and Forecasting and has chaired or co-chaired several nation- al conferences. He has written a book and presented papers on how research into ENSO and other atmospheric and oceanic phenomena and solar cycles has made skillful seasonal and even decadal forecasts possible. He also has written many articles and made numerous pre- sentations on the roles cycles in the sun and oceans have played in cli- mate change.

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Chris de Freitas, Ph.D. is a climate scientist at the University of Auckland, New Zealand, where he has been head of science and technology at the Tamaki campus and four years as pro vice chancellor. He has been vice president of the Meteorological Society of New Zealand and is a founding member of the Australia New Zealand Climate Forum. For 10 years he was as an editor of the international journal Climate Research. He has three times been the recipient of the New Zealand Association of Scientists’ Science Communicator Awards and a Merit Award in Science Communication.

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James Delingpole is an author, broadcaster, and blogger who helped break the Climategate story in the United Kingdom on his rude, controversial, merciless, outspoken – but sometimes mildly amusing – Telegraph blog. He is right about everything. He does not believe in ManBearPig. He is the author of several mightily entertaining books including Welcome To Obamaland: I’ve Seen Your Future And It Doesn’t Work and a rip-roar- ing adventure series set in World War II featuring his aristocratic (part American) hero Dick Coward, the first of which is called Coward On The Beach.

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A. Scott Denning, Ph.D. is a professor at the Cooperative Institute for Research in the Atmosphere, a joint project of the National Oceanic and Atmospheric Administration and Colorado State University. His research interests include in- teractions between the atmosphere and terrestrial biosphere and their effects on the exchange of energy, water, and carbon dioxide. His re- search group collaborates with scientists conducting observation cam- paigns and longer-term field work in Oklahoma, Wisconsin, and Brazil. Variations of atmospheric trace gases are studied using inverse models to understand surface sources and sinks, especially in relation to the “missing sink” of carbon dioxide. Denning’s research group also focuses on spatial scaling of land-surface processes from the scales of leaves to continents from pixels in global imagery.

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David H. Douglass, Ph.D. is professor of physics in experimental condensed matter physics at the University of Rochester, whose faculty he joined in 1968. His interests for the past several years have focused on climate change, in particular the fundamental science issues underlying “global warming.” His research has appeared in many peer-reviewed scientific journals, including Climate Research, Eos, Geophysical Research Letters, and International Journal of Climatology.
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Don J. Easterbrook, Ph.D. is emeritus professor of geology at Western Washington University, where he has conducted research on global climate change in western North America, New Zealand, Argentina, and various other parts of the world for the past 48 years. He has written three textbooks and several other books and about 150 papers in professional journals, and he has presented 30 research papers at international meetings in 12 countries. He is past president of the Quaternary Geology and Geology Division of the Geological Society of America, chairman of the 1977 national Geological Society of America meeting, U.S. representative to the United Nations International Geological Correlation Program, associate editor of the Geological Society of America Bulletin for 15 years, and director of field excursions for the 2003 International Quaternary Association Congress. He has been featured in two New York Times articles on global warming (March 2007 and March 2009) and has appeared on national network shows at MSNBC, CNN, CBS, and FOX.
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Myron Ebell is director of energy and global warming policy at the Competitive Enterprise Institute. He also serves as director of Freedom Action, a Web-based grassroots activist organization, and chairs the Cooler Heads Coalition, which comprises more than two dozen non-profit groups in this country and abroad that question global warming alarmism and oppose energy rationing policies. Prior to coming to CEI, Ebell was policy director at Frontiers of Freedom. The Business Insider’s Green Sheet in July 2009 named him third in its list of the Ten Most-Respected Global Warming Skeptics and commented, “Myron Ebell may be enemy #1 to the current climate change community.” Vanity Fair magazine published a long, highly critical profile of Ebell in its May 2007 “second annual Green Issue.” Greenpeace featured Ebell and three of his CEI colleagues in “A Field Guide to Climate Criminals.” Rolling Stone magazine in its November 17, 2005 issue named Ebell one of six “Misleaders” on global warming in a special feature. The Clean Air Trust in March 2001 named Ebell its “Villain of the Month” for his role in convincing the Bush administration not to regulate carbon dioxide emissions.
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Willis Eschenbach is a well-known independent climate researcher, posting regularly on two science blogs, ClimateAudit and Watts Up With That. His climate work has been cited in newspapers around the world, including The New York Times, the Guardian, the Australian Herald-Sun, and the London Telegraph. His motto is “Retire early ... and often,” and he has worked at dozens of different trades. He worked as a consultant to the Peace Corps and the U.S. Agency for International Development on village-level use of renewable energy in more than 20 countries. He spent 17 of the past 25 years living and working (and surfing) on various islands in the South Pacific and currently resides in Northern California.
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Robert Ferguson is president of the Science and Public Policy Institute. He has 26 years of Capitol Hill experience, having worked in both the House and Senate. He served in the House and Senate Republican Study Committees and as chief of staff to Congressman Jack Fields (R-Texas) from 1981-1997, Congressman John E. Peterson (R-Pennsylvania) from 1997-2002, and Congressman Rick Renzi (R-Arizona) in 2002. He has considerable policy experience in climate change science, mercury science, energy and mining, forests and resources, clean air, and the environment. He served active duty in the U.S. Army from 1966-1970.
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Eigil Friis-Christensen, Ph.D. has served as director of the National Space Institute since 1997. In 2007 the institute became part of the Technical University of Denmark. He has served in various capacities at the Danish Meteorological Institute, at the Niels Bohr Institute of the University of Copenhagen, and at the European Space Agency. He is the author or co-author of more than 140 research papers and has presented more than 50 invited papers at international conferences. He has been invited as a visiting scientist at several major research institutions and universities in the United States and Russia. He has been international liaison in the Steering Committee of the Geospace Environment Modelling program, part of the U.S. National Science Foundation’s Global Change Program. In 2007 he was elected president of the International Association of Geomagnetism and Aeronomy and in 2008 he was appointed member of the European Space Science Committee of the European Science Foundation. In 2008 he was elected member of the Royal Swedish Academy and in 2009 he was elected fellow of the American Geophysical Union.
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Indur Goklany, Ph.D. has been a visiting fellow with the American Enterprise Institute and was the first Julian Simon Fellow at the Political Economy Research Center in Bozeman, Montana. Working for the U.S. Department of the Interior, he has represented the United States at the Intergovernmental Panel on
Climate Change and in the negotiations leading to the United Nations Framework Convention on Climate Change.

Fred Goldberg, Ph.D. is a climate analyst and authority on polar history and exploration. He was affiliated with the Royal Institute of Technology (KTH) in Stockholm from 1969 to 2000. He has been an invited lecturer at more than a dozen universities around the world and has participated in numerous conferences worldwide with papers about thermal cutting, mechanized welding, laser processing, and seam tracking systems. He has published in more than 12 languages on those topics as well as on polar history and exploration. In 1966, he participated in the Stockholm University Svalbard Expedition with Prof. Valter Schytt. In 2006 he was appointed secretary-general for an International Climate Seminar at the Royal Institute of Technology in Stockholm. He has been a frequent lecturer on climate change to such wide-ranging groups as the Swedish Parliament, The European Parliament in Brussels, California Institute of Technology, Linköpings University, University of Copenhagen, Liberalini Institute, University of Leiden, The Free University in Brussels, the 9th International Conference on Arctic Mining (Norway), International Conference on Port and Ocean Engineering under Arctic Conditions, UNIS University Longyearbyen Svalbard, and Alandia People’s Education Center.

Arizona State Senator Pamela Gorman served in the Arizona House and was elected to two terms in the Arizona Senate, where she served as Majority Whip. She is a member of The Heartland Institute’s Legislative Forum and has served in leadership positions with the National Conference of State Legislatures, American Legislative Exchange Council, and Republican Legislative Campaign Committee. Recognized as a passionate advocate for free markets and limited government, she is credited with leading the charge to oppose, and ultimately defeat, the state-level version of cap-and-trade legislation in Arizona. She is currently a candidate for the U.S. House of Representatives in Arizona’s 3rd Congressional District.

Laurence I. Gould, Ph.D., professor of physics at the University of Hartford, has been studying global warming and climate change since 2003 and has given many presentations on the topic. These include a campus-wide talk at Princeton University, a lecture on Capitol Hill, and a presentation at the 2009 International Conference on Climate Change in New York City. In addition, Gould has given a number of talks overseas and in the United States on a variety of subjects, including: the application of symmetry principles in teaching science to diverse groups, the life and work of Albert Einstein, symbolic methods in computational physics, and foundations of quantum theory.

William M. Gray, Ph.D. has worked in the observational and theoretical aspects of meteorological research for more than 50 years. He has been with the Department of Atmospheric Science at Colorado State University since 1961. He has specialized in the global aspects of tropical cyclones for his entire professional career. Current areas of research include: 1) tropical cyclone structure, movement and intensity change; 2) seasonal hurricane prediction; 3) tropical and meso-scale rain systems; 4) ENSO variability and 5) climate change and global warming research. He pioneered Atlantic basin seasonal hurricane forecasts, which he has been issuing for the past 27 years. He is a recipient of the Neil Frank Award from the National Hurricane Conference and the Banner I. Miller and Jule Charney Awards from the American Meteorological Society. He is the author or coauthor of more than 80 published papers and more than 60 extensive research reports. He has graduated 20 Ph.D. students and 50 M.S. students.

Kesten C. Green, Ph.D. is a senior lecturer in the International Graduate School of Business at the University of South Australia and co-director of the Forecasting Principles public service Internet site. He became interested in climate forecasting when he became aware of dramatic forecasts of dangerous manmade global warming. With Scott Armstrong, he conducted an audit of the procedures used by the Intergovernmental Panel on Climate Change to make these forecasts. They found the IPCC’s alarming projections were derived from procedures that violate well-established scientific forecasting practice. In other studies, with Willie Soon, they found that predictions of polar bear extinction were unfounded and that the IPCC projections fail to pass the basic test of providing better forecasts than those from the simple benchmark of assuming temperatures will not change.

Howard Hayden, Ph.D., professor of physics emeritus in the Physics Department of the University of Connecticut, is editor of The Energy Advocate, a monthly newsletter promoting energy and technology. His research interests include ionic and atomic collisions, charge transfer, ionization, energy loss, energy-level crossings, ion-surface collisions, ion implantation, relativity considerations, and energy for society (fossil fuels, nuclear, hydro, wind, biomass, photovoltaics, solar heating). He is the author of, among other publications, The Solar Fraud: Why Solar Energy Won’t Run the World, A Primer on CO2 and Climate, and A Primer on Renewable Energy.

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CONFERENCE SPEAKERS

Victor Manuel Velasco Herrara, Ph.D. is a physicist in the Institute of Geophysics at the National Autonomous University of Mexico. He was an advisor to the Mexican delegation to the United Nations Committee on the Peaceful Uses of Outer Space and is a member of the Mexican Society of Geography and Statistics. His research focuses on the periodicity of sunspots’ prolonged minima and the theory of the mini-Ice Age in the twenty-first century.

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Art Horn, with 25 years of experience as a meteorologist for CBS and NBC television stations, now travels around New England, Florida, and other states with weather programs that educate and entertain. He hosted and co-produced a documentary about hurricanes on Connecticut Public Television, for which he was nominated for an Emmy. Horn is an expert witness for lawyers in weather-related legal matters. He also writes about global warming and publishes regularly in online magazines. In addition, Horn teaches meteorology at Naugatuck Valley Community College.

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Christopher C. Horner, J.D. is a senior fellow at the Competitive Enterprise Institute, where he oversees petitions and litigation on topics including data access and quality laws, the Freedom of Information Act, government science and agency statutory compliance, and other legal matters involving environment and energy issues, international environmental treaties, and climate policy. He is the author of several books, including The Politically Incorrect Guide to Global Warming and Environmentalism and Hot Lies: How Global Warming Alarmists Use Threats and Deception to Keep You Misinformed. His third book, Power Grab: How Obama’s Green Policies Will Steal Your Freedom and Bankrupt America, was published in April.

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John Humphreys is an Australian economist who has worked as a policy analyst for the Australian Treasury, a consultant with the Centre for International Economics, a volunteer lecturer at Chea Sim University in Cambodia, and as a researcher at the Centre for Independent Studies. In 2000 he founded the Australian Libertarian Society, which is a co-sponsor of the Fourth International Conference on Climate Change. He has written and spoken on topics including tax and welfare reform, international trade, labour markets, political philosophy, civil society, and the economics of climate change. His work has been published in a range of Australian journals, magazines, and newspapers. Since 2007 Humphreys has run a small non-profit organisation in Cambodia, the Human Capital Project, which provides alternative financing for poor students to attend university.

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Tam Hunt, J.D. owns and runs Community Renewable Solutions LLC, a renewable energy consulting and project development company. Hunt is a renewable energy law and policy expert with substantial experience in California on local energy planning and on state policy. He is also a lecturer in Climate Change Law and Policy at UC Santa Barbara’s Bren School of Environmental Science & Management (a graduate-level program). Hunt was the lead author of the Community Environmental Council’s A New Energy Direction, a blueprint for Santa Barbara County to wean itself from fossil fuels by 2030. Hunt works with local governments in southern California and also contributes substantially to state policy, in Sacramento at the legislature and, in particular, in San Francisco at the California Public Utilities Commission, in various proceedings related to community-scale energy projects, climate change policy, and energy efficiency. He received his law degree from the UCLA School of Law in 2001, where he was chief managing director of the Journal for International Law and Foreign Affairs. Hunt is a regular columnist at Renewable Energy World and EnergyPulse.

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Craig D. Idso, Ph.D. is founder and former president of the Center for the Study of Carbon Dioxide and Global Change and currently serves as chairman of its board of directors. He is the coauthor, with S. Fred Singer, of Climate Change Reconsidered: The 2009 Report of the Nongovernmental International Panel on Climate Change (NIPCC). Idso’s current research focus is on the effects of rising CO2 on marine life, but he remains actively involved in several other aspects of global and environmental change, including climatology and meteorology, along with their impacts on agriculture.

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Andrei Illarionov, Ph.D. is a senior fellow at the Cato Institute’s Center for Global Liberty and Prosperity. From 2000 to December 2005 he was the chief economic advisor to the then-president of Russia, Vladimir Putin. He is one of Russia’s most forceful and articulate advocates of an open society and democratic capitalism and has been a long-time friend of the Cato Institute.

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Avril Terri Jackson, M.Sc., MPhil. is a professional physicist with two masters degrees in energy economics and plasma physics. She is founder of the energy/climate group at the Institute of Physics in London. She has spoken at international conferences in Brazil and China and was lead researcher for the Energy Committee of the European Parliament for several years.

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**Conference Speakers**

**Jim Johnston** is The Heartland Institute's senior fellow for energy and regulatory policy and a member of its Board of Directors. He retired in January 1993 from his position as senior economist at Amoco Corporation, whose Economics Department he joined in 1975. His primary responsibilities at Amoco included the economic analysis of public policy issues and the hedging of corporate risk. He has written extensively on the theory of regulation, air pollution control, and the economics of emissions trading programs.

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**Michael Jungbauer** is a Minnesota state Senator with diverse educational backgrounds in business, economics, bi-bibles, studies, chemistry, and biology. He spent two decades becoming a national expert on wastewater treatment design, earning a patent for bioremediation and consulting on water projects in Poland, Germany, Honduras, and Philippines. He is a leading voice on environmental policy in the Minnesota Senate; he serves on the National Conference of State Legislatures' standing committee on Agriculture and Energy; the American Legislative Exchange Council's standing committee on Tax and Fiscal Policy; and is a member of the National Caucus of Environmental Legislators. He is a nationally recognized speaker on climate change and water reuse.

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**Madhav Khandekar, Ph.D.** is a former research scientist from Environment Canada, where he worked for about 20 years. He holds an M.Sc. degree in statistics from Pune University (India) and both M.S. and Ph.D. degrees in meteorology from Florida State University. Khandekar has been in weather and climate science for more than 52 years and has published more than 130 papers, reports, book reviews, and scientific commentaries. While at Environment Canada he wrote *Operational Analysis and Prediction of Ocean Wind Waves*. He was an expert reviewer for the IPCC 2007 climate change documents and is at present on the editorial board of the international journal *Natural Hazards*.

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**William Kininmonth, M.Sc.** is a consulting climatologist with the Australasian Climate Research Institute. He has worked with the Australian Bureau of Meteorology for 38 years. For 12 years he was head of its National Climate Centre. He was project manager of an Australian government project assisting the Meteorology and Environmental Protection Administration of Saudi Arabia; served 16 years as Australian delegate to the World Meteorological Organization’s Commission for Climatology; and served two periods on its Advisory Working Group. He was a member of Australia’s delegations to the preparatory meetings for the Ministerial Declaration of the Second World Climate Conference and to the United Nations’ Intergovernmental Negotiating Committee for a Framework Convention on Climate Change. He is author of the book, *Climate Change: A Natural Hazard*. w.kininmonth@bigpond.com

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The Ayn Rand Center for Individual Rights, located in Washington, DC, is the public outreach and policy division of the Ayn Rand Institute, a non-profit organization, and promotes the principles of reason, rational self-interest, individual rights (the rights to life, liberty and the pursuit of happiness), and laissez-faire capitalism to the widest possible audience.
www.aynrandcenter.org

Carbon Sense Coalition
AUSTRALIA
The Carbon Sense Coalition is a voluntary group of people concerned about the extent to which carbon is wrongly vilified in Western societies, particularly in government, the media, and in business circles. We aim to restore balance and reason to the carbon debate, and to explain and defend the key role of carbon in production of most of our energy for heat, light, and transportation, and all of our food.
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Cathay Institute for Public Affairs
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Cathay Institute for Public Affairs is an independent, nonprofit, and non-governmental research and educational institution. CIPA aims to protect the freedom of the individuals in China, to promote China’s democratic transition, and to help establish constitutional democracy in China. CIPA functions as a driving vehicle in organizing research, discussion, and education on democratic transition and establishment, constitutionalism, federalism, governance, and democratic culture. CIPA aims also to play a unique role in reviewing and analyzing current public policies in China.
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Founded in 1976, the Center for the Defense of Free Enterprise is an educational foundation that focuses on the protection of free markets from big government. Its primary goals are to protect the economic system upon which the prosperity of America was founded, and to educate the American public on free enterprise and the consequences of governmental interference in that system.
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Center for the Study of Carbon Dioxide and Global Change
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The Center for the Study of Carbon Dioxide and Global Change was founded as a non-profit organization in 1998 to provide regular reviews and commentary on new developments in the world-wide scientific quest to determine the climatic and biological consequences of the ongoing rise in the air’s CO2 content. It achieves this objective primarily through the weekly online publication of ‘CO2 Science,’ which is freely available on the Internet at www.co2science.org, and contains reviews of recently published peer-reviewed scientific journal articles, original research, and other educational materials germane to the debate over carbon dioxide and global change. The center’s main focus is to separate reality from rhetoric in the emotionally charged debate that swirls around the subject of carbon dioxide and global change and to avoid the stigma of biased advocacy by utilizing sound science. In addition, the center is a partner with The Heartland Institute and the Science & Environmental Policy Project in producing the official reports of the Nongovernmental International Panel on Climate Change (NIPCC).
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Martin Krause
Director
www.ciima.org.ar
Citizens' Alliance for Responsible Energy
UNITED STATES
The Citizens’ Alliance for Responsible Energy is a 501(c)(3) organization devoted to educating the public about the need to guarantee our access to the affordable energy that drives our nation forward.
Marita Noon
Executive Director
marita@responsiblenergy.org
www.responsiblenergy.org

Climate Sceptics Party
AUSTRALIA
The Climate Sceptics Party is made up of ordinary but proud Australians who are gravely concerned with the unfounded environmental alarmism infiltrating all forms of Australian government (federal, state, and local), threatening our way of life and hard-fought freedoms. We are running candidates in the senate for the upcoming Australian Federal Election
Leon Ashby
climatesceptics@westnet.com.au
www.climatesceptics.com.au

Climate Science Coalition of America
UNITED STATES
The Climate Science Coalition of America promotes a better understanding of climate change science by the American people. The CSCA’s mission includes being a credible source of impartial information, encouraging the public to seek balanced information, and promoting honest and open debate on all possible causes of climate change.
Eugene Langschwager
eugene@climatescienceamerica.org
www.climatescienceamerica.org

Committee For a Constructive Tomorrow
UNITED STATES
In 1985, the Committee For a Constructive Tomorrow was founded to promote a positive voice on environment and development issues. Its co-founders, David Rothbard and Craig Rucker, believed very strongly that the power of the market combined with the applications of safe technologies could offer humanity practical solutions to many of the world’s pressing concerns. A number of leading scientists, academics, and policy leaders agreed with them and soon joined their effort, along with thousands of citizens from around the country. Today, this Washington DC-based group is a highly respected organization and its voice can be heard relentlessly infusing the environmental debate with a balanced perspective on environmental stewardship.
Craig Rucker
Co-Founder
craig@cfact.org
www.cfact.org

Competitive Enterprise Institute
UNITED STATES
The Competitive Enterprise Institute is a non-profit public policy organization dedicated to advancing the principles of free enterprise and limited government. We believe that individuals are best helped not by government intervention, but by making their own choices in a free marketplace.
Myron Ebell
Director of Energy and Global Warming Policy
mebell@cei.org
www.cei.org

Cornwall Alliance for the Stewardship of Creation
UNITED STATES
The Cornwall Alliance for the Stewardship of Creation is a coalition of clergy, theologians, religious leaders, scientists, economists, other academics, and policy experts committed to bringing a balanced Biblical view of stewardship to the critical issues of environment and development. The Cornwall Alliance fully supports the principles espoused in the Cornwall Declaration on Environmental Stewardship and is seeking to promote those principles in the discussion of various public policy issues including population and poverty, food, energy, water, endangered species, habitat, and other related topics. Its Evangelical Declaration on Global Warming has been endorsed by more than 500 people, including more than 150 prominent leaders, and is supported by a 76-page research paper, A Renewed Call to Truth, Prudence, and Protection of the Poor: An Evangelical Examination of the Theology, Science, and Economics of Global Warming.
E. Calvin Beisner
National Spokesman
www.cornwallalliance.org

Doctors for Disaster Preparedness
UNITED STATES
www.ddponline.org

European Coalition for Economic Growth
AUSTRIA
www.e-growth.eu

Europäisches Institut für Klima und Energie
GERMANY
The Europäisches Institut für Klima und Energie (European Institute for Climate and Energy) is a German think tank of climate-related scientists, engineers, and competent citizens devoting their time and work to fight climate alarmism and ensure cheap, reliable energy supplies.
Michael Limburg
Vice President
limburg@grafik-system.de
www.eike-klima-energie.eu/
Foundation for Economic Thinking
UNITED STATES
Economic Thinking directs programs for high school, homeschool, and college students. Economic Thinking seminars and guest talks were attended by more than 4,000 students in 2009. A full semester curriculum, Economics In A Box, is now taught in some 200 homeschool cooperatives and families. LibertyFlix.org highlights dramatic and documentary films on freedom.
Gregory Rehmke
grehmke@gmail.com
www.EconomicThinking.org
www.LibertyFlix.org

Free To Choose Network
UNITED STATES
Free To Choose Network’s purpose is to use accessible and entertaining media to build popular support for personal, economic, and political freedom. We believe these freedoms are interdependent and must be sustained by the rule of law.
Bob Chitester
info@freetochoosemedia.org
www.freetochoosemedia.org

Freedom Foundation of Minnesota
UNITED STATES
The Freedom Foundation of Minnesota is an independent, non-profit educational and research organization that actively advocates the principles of individual freedom, personal responsibility, economic freedom, and limited government.
Annette Meeks
www.freedomfoundationofminnesota.com

FreedomWorks
UNITED STATES
Founded in 1984, FreedomWorks is headquartered in Washington, DC and has hundreds of thousands of grassroots volunteers nationwide. FreedomWorks members know that government goes to those who show up, and we are leading the fight for lower taxes, less government, and more freedom.
Matt Kibbe
President
www.FreedomWorks.org

Frontier Centre for Public Policy
CANADA
The Frontier Centre for Public Policy is an independent, western Canada-based public policy think tank. Its mission is to develop and popularize policy choices that will help Canada’s prairie region live up to its vast but unrealized economic potential. Through public policy research and education the Frontier Centre explores positive changes within our public institutions that support economic growth and opportunity.
Peter Holle
Founding President
hollep@fcpp.org
www.fcpp.org/

Grassroot Institute of Hawaii
UNITED STATES
www.grassrootinstitute.org

Hayek Institut
AUSTRIA
www.hayek-institut.at

Hispanic Leadership Fund
UNITED STATES
www.hispanicleadershipfund.org

IceAgeNow.com
UNITED STATES
IceAgeNow.com is a Web site dedicated to showing that our climate is driven by natural cycles, not by humans. We fear that one of those cycles – the Milankovitch Cycle – is leading us into the next ice age right now. We also fear that this nonsense about global warming will leave us blindsided and unprepared.
Robert Felix
rwfelix@juno.com

ICECAP
UNITED STATES
ICECAP, the International Climate and Environmental Change Assessment Project, is the portal to all things climate for elected officials and staffers, journalists, scientists, educators, and the public. It provides access to a new and growing global society of respected scientists and journalists who are not deniers that our climate is dynamic (the only constant in nature is change) and that man plays a role in climate change through urbanization, land use changes, and the introduction of greenhouse gases and aerosols, but who also believe that natural cycles such as those in the sun and oceans are also important contributors to the global changes in our climate and weather. We worry the sole focus on greenhouse gases and the unwise reliance on imperfect climate models while ignoring real data may leave civilization unprepared for a sudden climate shift that history tells us will occur again, possibly soon.
Joseph D’Aleo
Executive Director
www.icecap.us
Illinois Policy Institute
UNITED STATES
The Illinois Policy Institute is a nonpartisan research organization dedicated to supporting free market principles and liberty-based public policy initiatives for a better Illinois. As a leading voice for economic liberty and government accountability, we engage policy makers, opinion leaders, and citizens on the state and local level.
Katie Truesdell
katie@illinoispolicy.org
www.illinoispolicy.org/

The Independent Institute
UNITED STATES
Established in 1986, The Independent Institute is an award-winning, non-partisan, scholarly, public policy research organization that seeks to boldly advance peaceful, prosperous, and free societies, grounded in a commitment to human worth and dignity. With more than 140 research fellows, the institute sponsors in-depth studies of major social, economic, environmental, and legal issues. The results are published as books, The Independent Review, and other publications and form the basis for numerous conference and media programs to redefine and redirect public debate.
David J. Theroux
Founder, President, and CEO
djtheroux@independent.org
www.independent.org/

Initiative for Public Policy Analysis
NIGERIA
www.ippanigeria.org

Institute for Free Enterprise
GERMANY
www.iuf-berlin.org

Institute of Public Affairs
AUSTRALIA
The Institute of Public Affairs is an independent, non-profit public policy think tank, dedicated to preserving and strengthening the foundations of economic, social, and political freedom.
John Roskam
Executive Director
comments@ipa.org.au
www.ipa.org.au

InstitutoJuan de Mariana
SPAIN
The mission of the Instituto Juan de Mariana is to serve as a point of reference in the debate on public policy from a free-market standpoint.
Gabriel Calzada
info@juanademariana.org
www.juanademariana.org

Instituto Liberdade
BRAZIL
The Instituto Liberdade’s major purpose is to foster the research, creation, and dissemination of educational and cultural assets displaying the advantages to all individuals of an organized society, based on the principles of individual rights, of limited and representative government, of respect for private property rights, contracts, and the free initiative. It supports multi-disciplinary theorists and intellectual entrepreneurs who endeavor to produce analyses or policy recommendations. It supports the rule of law, government decentralization, the free-market economy, and cultural freedom according to the principles of the Austrian School of Economics.
Margaret Tse
CEO and Public Policy Expert
il-rs@il-rs.org.br
www.il-rs.org.br

Instituto De Libre Empresa
PERU
The Instituto De Libre Empresa is a Peruvian organization that serves as an international center to promote the free enterprise system.
Jose Luis Tapia Rocha
General Director and Founder
joseluis@ileperu.org
www.ileperu.org

International Climate Science Coalition
AUSTRALIA
ICSC is an international association of scientists, economists, and energy and policy experts working to promote better public understanding of climate change science and policy worldwide. ICSC is committed to providing a highly credible alternative to the UN’s Intergovernmental Panel on Climate Change, thereby fostering a more rational, open discussion about climate issues.
Tom Harris
Executive Director
tom.harris@climatescienceinternational.net
www.climatescienceinternational.org

Istituto Bruno Leoni
ITALY
The Istituto Bruno Leoni promotes a public discussion of awareness and information on the themes of the environment, competition, energy, market liberalization, taxation, privatization, and reform of the social state. Created in 2003 on the model of Anglo-Saxon think tanks, IBL strives to be a stimulation and resource for the political class by raising the level of awareness of private citizens and drawing their attention to all matters involving public policy and the role of the state in the economy.
Alberto Mingardi
Director General
alberto.mingardi@brunoleoni.it
www.brunoleoni.it
JunkScience.com
UNITED STATES
Online since 1996, JunkScience.com is the premier Web site for exposing and debunking faulty science used to advance special agendas. JunkScience is the Web site most visited for information debunking global warming alarmism.
Steve Milloy
Publisher
www.junkscience.com
junkman@junkscience.com

The Lavoisier Group
AUSTRALIA
The Lavoisier Group’s mission is to promote vigorous debate within Australia on the science of global warming and climate change, and of the economic consequences of both unilateral or multilateral decarbonization and to explore the consequences that any international treaty relating to global decarbonization targets, and the methods of policing such treaties, would have on Australian sovereignty and independence, and for the WTO rules that protect Australia from the use of trade sanctions as an instrument of extraterritorial power.
Ray Evans
Secretary
nrevans@optushome.com.au
www.lavoisier.com.au

The Leadership Institute
UNITED STATES
www.leadershipinstitute.org

Liberales Institut
SWITZERLAND
Founded in 1979, the Liberales Institut pursues as its mission the research and communication of the ideas of freedom. The institute advances the Swiss tradition and culture of individual liberty, peace, openness, and political diversity and supports the development of a strong liberal intellectual tradition. Private autonomy on the basis of property and contract and the free exchange of ideas and material goods on open markets in a non-centralized institutional setting serve as guiding principles.
Claude Bürki
claude.buerki@libinst.ch
www.libinst.ch

Liberty Institute
INDIA
Liberty Institute is an independent think tank dedicated to empowering people by harnessing the power of the market. It seeks to build understanding and appreciation of the four institutional pillars of a free society: individual rights, rule of law, limited government, and free markets.
Barun S. Mitra
Founder and Director
barunmitra@gmail.com
www.indefenceofliberty.org

Lincoln Legal Foundation
UNITED STATES
www.johnlocke.org

John Locke Foundation
UNITED STATES
www.johnlocke.org

Mannkal Economic Education Foundation
AUSTRALIA
The Mannkal Economic Education Foundation aims to strengthen the free-market system in Western Australia and Australia, by promoting ideals of voluntary cooperation, choice, personal rights, limited government, resourcefulness of individuals, and sound science.
Ron Manners
Executive Director
enquiries@mannkal.org
www.mannkal.org

George C. Marshall Institute
UNITED STATES
The George Marshall C. Institute is a non-profit organization founded in 1984. Its mission is to improve the use of science in making public policy about important issues for which science and technology are major considerations. Its current program emphasizes issues in national security and the environment.
Jeff Kueter
President
info@marshall.org
www.marshall.org

Media Research Center
UNITED STATES
www.mrc.org
Minimal Government Thinkers, Inc.
PHILIPPINES
Minimal Government Thinkers, Inc. is an independent Manila-based think tank advancing five core principles: small government, small taxes, free markets, rule of law, and personal responsibility. It seems to be the only institute in the Philippines that openly and explicitly rejects the man-made warming scare and the global ecological central planning goal of the climate alarmists.
minimalgovernment@gmail.com
www.minimalgovernment.net

National Center for Public Policy Research
UNITED STATES
The National Center for Public Policy Research is a communications and research foundation supportive of a strong national defense and dedicated to providing free-market solutions to today's public policy problems. We believe that the principles of a free market, individual liberty, and personal responsibility provide the greatest hope for meeting the challenges facing America in the twenty-first century.
www.nationalcenter.org/

New Zealand Climate Science Coalition
NEW ZEALAND
The coalition was formed by volunteers in 2006 to promote objective and evidence-based presentation of climate science to the New Zealand public; to provide considered opinion on matters related to both natural and human-caused climate effects; and to comment on the economic and socio-political consequences of climate variation and climate policy.
Hon Barry Brill
barry.brill@gmail.com
www.climatescience.org.nz

Oregon Institute of Science and Medicine
UNITED STATES
www.oism.org
Science & Environmental Policy Project
UNITED STATES
The Science & Environmental Policy Project was founded in 1990 by atmospheric physicist S. Fred Singer on the premise that sound, credible science must form the basis for health and environmental decisions that affect millions of people and cost tens of billions of dollars every year.
S. Fred Singer
President
sepp@his.com
www.sepp.org

Science and Public Policy Institute
UNITED STATES
The Science and Public Policy Institute is a non-profit institute of research and education dedicated to sound public policy based on sound science. Free from affiliation with any corporation or political party, we support the advancement of sensible public policies for energy and the environment rooted in rational science and economics. Only through science and factual information, separating reality from rhetoric, can legislators develop beneficial policies without unintended consequences that might threaten the life, liberty, and prosperity of the citizenry.
Robert Ferguson
Executive Director
ferguson3490@hotmail.com
www.scienceandpublicpolicy.org

Sovereignty International, Inc.
UNITED STATES
Sovereignty International, Inc. focuses on threats to national sovereignty in public policies and international treaties and agreements. It exists to promote the belief that best government is empowered only by the consent of those who are governed. We believe that policy formulation should be based on the best and most balanced science and information available to the people and policy makers before policy is formulated. When this is lacking, Sovereignty International is committed, within available resources, to making that science and information available to the people and policy makers in an understandable manner free of political agendas.
Michael Coffman
Executive Director
mcoffman@roadrunner.com
www.sovereignty.net

Tennessee Center for Policy Research
UNITED STATES
The Tennessee Center for Policy Research is an independent, non-profit, and non-partisan research and educational institute dedicated to providing concerned citizens, the media, and public leaders with expert research and timely free-market policy solutions to public policy issues in Tennessee.
Drew Johnson
Founder
drew@tennesseepolicy.org
www.tennesseepolicy.org

TS August
UNITED STATES
TS August provides expert commentary and essential information on energy and environmental issues. It published Carbon Folly to demonstrate that the technologies for cutting carbon dioxide emissions 80 percent are experimental or speculative. TSAugust associates are volunteers who are experts in power generation, transmission and distribution, including nuclear, wind, steam, and natural gas.
Donn Dears
President
www.tsaugust.org
Booth 100  *George C. Marshall Institute*  
The George Marshall C. Institute is a non-profit organization founded in 1984. Its mission is to improve the use of science in making public policy about important issues for which science and technology are major considerations. Its current program emphasizes issues in national security and the environment.  
www.marshall.org

Booth 101  *Cornwall Alliance for the Stewardship of Creation*  
The Cornwall Alliance for the Stewardship of Creation is a coalition of clergy, theologians, religious leaders, scientists, economists, other academics, and policy experts committed to bringing a balanced Biblical view of stewardship to the critical issues of environment and development. The Cornwall Alliance fully supports the principles espoused in the Cornwall Declaration on Environmental Stewardship and is seeking to promote those principles in the discussion of various public policy issues including population and poverty, food, energy, water, endangered species, habitat, and other related topics. Its Evangelical Declaration on Global Warming has been endorsed by more than 500 people, including more than 150 prominent leaders, and is supported by a 76-page research paper, *A Renewed Call to Truth, Prudence, and Protection of the Poor: An Evangelical Examination of the Theology, Science, and Economics of Global Warming*.  
www.cornwallalliance.org

Booth 102  *National Center for Public Policy Research*  
The National Center for Public Policy Research is a communications and research foundation supportive of a strong national defense and dedicated to providing free-market solutions to today's public policy problems. We believe that the principles of a free market, individual liberty, and personal responsibility provide the greatest hope for meeting the challenges facing America in the twenty-first century.  
www.nationalcenter.org/

Booth 103  *The Independent Institute*  
Established in 1986, The Independent Institute is an award-winning, non-partisan, scholarly, public policy research organization that seeks to boldly advance peaceful, prosperous, and free societies, grounded in a commitment to human worth and dignity. With more than 140 research fellows, the institute sponsors in-depth studies of major social, economic, environmental, and legal issues. The results are published as books, *The Independent Review*, and other publications and form the basis for numerous conference and media programs to redefine and redirect public debate.  
www.independent.org/

Booth 104  *Mannkal Economic Education Foundation*  
The Mannkal Economic Education Foundation aims to strengthen the free-market system in Western Australia and Australia, by promoting ideals of voluntary cooperation, choice, personal rights, limited government, resourcefulness of individuals, and sound science.  
www.mannkal.org

Booth 105  *TS August*  
TSAugust provides expert commentary and essential information on energy and environmental issues. It published *Carbon Folly* to demonstrate that the technologies for cutting carbon dioxide emissions 80 percent are experimental or speculative. TSAugust associates are volunteers who are experts in power generation, transmission and distribution, including nuclear, wind, steam, and natural gas.  
www.tsaugust.org

Booth 106  *Americans for Prosperity*  
Americans for Prosperity and Americans for Prosperity Foundation are committed to educating citizens about economic policy and mobilizing those citizens as advocates in the public policy process. AFP is an organization of grassroots leaders who engage citizens in the name of limited government and free markets on the local, state and federal levels. The grassroots members of AFP advocate for public policies that champion the principles of entrepreneurship and fiscal and regulatory restraint.  
www.americansforprosperity.org/national-site

Booth 107  *FreedomWorks*  
Founded in 1984, FreedomWorks is headquartered in Washington, DC and has hundreds of thousands of grassroots volunteers nationwide. FreedomWorks members know that government goes to those who show up, and we are leading the fight for lower taxes, less government, and more freedom.  
www.FreedomWorks.org

Booth 108  *Ayn Rand Center for Individual Rights*  
The Ayn Rand Center for Individual Rights, located in Washington, DC, is the public outreach and policy division of the Ayn Rand Institute, a non-profit organization, and promotes the principles of reason, rational self-interest, individual rights (the rights to life, liberty and the pursuit of happiness), and laissez-faire capitalism to the widest possible audience.  
www.aynrandcenter.org

Booth 109  *Reality New Media Group*  
The Reality News Media Group publishes an ideologically based newspaper committed to constitutional government, individual liberty, and the dissemination of truth. The biweekly publication, first printed on March 11, 2010, features in each edition content from The Heartland Institute, Science & Environmental Policy Project, the Energy Advocate, and individual authors.
Booth 110  Pajamas Media
With contributions by experts from Christopher Monckton to Chris Horner, “on location” coverage from the Copenhagen Climate Conference, and more PJTV — the online video arm of new media company Pajamas Media — has been in the forefront and broken many key stories on the global warming controversy from both scientific and business perspectives.

www.pajamasmedia.com

Booth 111  Greenytease
ShamRx LLC sells fun t-shirts that tease the flawed science of man-made global warming … and the alarmists too! Choose from eight great designs that will perplex the climate change zealots with humor, truth, and common sense. Dennis Miller calls them “some fun t-shirts” and “very funny stuff.”

greenytease.com

Booth 112  Committee For a Constructive Tomorrow (CFACT)
In 1985, the Committee For a Constructive Tomorrow was founded to promote a positive voice on environment and development issues. Its co-founders, David Rothbard and Craig Rucker, believed very strongly that the power of the market combined with the applications of safe technologies could offer humanity practical solutions to many of the world’s pressing concerns. A number of leading scientists, academics, and policy leaders agreed with them and soon joined their effort, along with thousands of citizens from around the country. Today, this Washington DC-based group is a highly respected organization and its voice can be heard relentlessly infusing the environmental debate with a balanced perspective on environmental stewardship.

www.cfact.org

Booth 113  Illinois Policy Institute
The Illinois Policy Institute is a nonpartisan research organization dedicated to supporting free market principles and liberty-based public policy initiatives for a better Illinois. As a leading voice for economic liberty and government accountability, we engage policy makers, opinion leaders, and citizens on the state and local level.

www.illinoispolicy.org/
ABOUT THE HEARTLAND INSTITUTE

The Heartland Institute is a nonprofit, nonpartisan research organization based in Chicago. Founded in 1984, it is devoted to discovering, developing, and promoting free-market solutions to social and economic problems.

The Heartland Institute contacts more elected officials, more often, than any other think tank in the United States. According to a telephone survey of 500 randomly selected state and local officials conducted by Victory Enterprises in 2009, 85 percent of state legislators and 63 percent of local officials say they read and rely on Heartland publications.

Some 120,000 of the nation’s most influential people — including every state and national elected official — receive at least one Heartland publication every month. Heartland also manages nine Web sites and operates PolicyBot™, an online clearinghouse for the work of some 350 think tanks and advocacy groups.

Approximately 120 academics and professional economists participate in Heartland’s peer review process, and more than 180 elected officials serve on its Legislative Forum. Heartland’s full-time staff of government relations professionals interacts daily with hundreds of elected officials across the country, and its public relations and media specialists help shape public opinion by writing and placing dozens of letters to the editor and opinion editorials each week.

Heartland has offices in Chicago, Illinois and Washington, DC, a full-time staff of 35, and a 2010 budget of $7 million. It is supported by the voluntary contributions of approximately 1,800 supporters. For more information, please visit our Web site at www.heartland.org, call 312/377-4000, or write to The Heartland Institute, 19 South LaSalle, Suite 903, Chicago, Illinois 60603.