News Release

FOR MORE INFORMATION CONTACT:
Dennis Avery 540-337-6354; Email: cgfi@hughes.net

Challenge to Scientific Consensus on Global Warming:
Analysis Finds Hundreds of Scientists Have Published Evidence Countering Man-Made Global Warming Fears*

A new analysis of peer-reviewed literature reveals that more than 500 scientists have published evidence refuting at least one element of current man-made global warming scares. More than 300 of the scientists found evidence that 1) a natural moderate 1,500-year climate cycle has produced more than a dozen global warmings similar to ours since the last Ice Age and/or that 2) our Modern Warming is linked strongly to variations in the sun's irradiance. “This data and the list of scientists make a mockery of recent claims that a scientific consensus blames humans as the primary cause of global temperature increases since 1850,” said Hudson Institute Senior Fellow Dennis Avery.

Other researchers found evidence that 3) sea levels are failing to rise importantly; 4) that our storms and droughts are becoming fewer and milder with this warming as they did during previous global warmings; 5) that human deaths will be reduced with warming because cold kills twice as many people as heat; and 6) that corals, trees, birds, mammals, and butterflies are adapting well to the routine reality of changing climate.

Despite being published in such journals such as *Science*, *Nature* and *Geophysical Review Letters*, these scientists have gotten little media attention. “Not all of these researchers would describe themselves as global warming skeptics,” said Avery, “but the evidence in their studies is there for all to see.”

The names were compiled by Avery and climate physicist S. Fred Singer, the co-authors of the new book *Unstoppable Global Warming: Every 1,500 Years*, mainly from the peer-reviewed studies cited in their book. The researchers’ specialties include tree rings, sea levels, stalagmites, lichens, pollen, plankton, insects, public health, Chinese history and astrophysics.

“We've had a Greenhouse Theory with no evidence to support it-except a moderate warming turned into a scare by computer models whose results have never been verified with real-world events,” said co-author Singer. “On the other hand, we have compelling evidence of a real-world climate cycle averaging 1470 years (plus or minus 500) running through the last million years of history. The climate cycle has above all been moderate, and the trees, bears, birds, and humans have quietly adapted.”

“Two thousand years of published human histories say that the warm periods were good for people,” says Avery. “It was the harsh, unstable Dark Ages and Little Ice Age that brought bigger storms, untimely frost, widespread famine and plagues of disease.” “There may have been a consensus of guesses among climate model-builders,” says Singer. “However, the models only reflect t warming, not its cause.” He noted that about 70 percent of the earth's post-1850 warming came before 1940, and thus was probably not caused by human-emitted greenhouse gases. The net post-1940 warming totals only a tiny 0.2 degrees C.
The historic evidence of the natural cycle includes the 5000-year record of Nile floods, 1st-century Roman wine production in Britain, and thousands of museum paintings that portrayed sunnier skies during the Medieval Warming and more cloudiness during the Little Ice Age. The physical evidence comes from oxygen isotopes, beryllium ions, tiny sea and pollen fossils, and ancient tree rings. The evidence recovered from ice cores, sea and lake sediments, cave stalagmites and glaciers has been analyzed by electron microscopes, satellites, and computers. Temperatures during the Medieval Warming Period on California's Whitewing Mountain must have been 3.2 degrees warmer than today, says Constance Millar of the U.S. Forest Service, based on her study of seven species of relict trees that grew above today’s tree line.

Singer emphasized, “Humans have known since the invention of the telescope that the earth's climate variations were linked to the sunspot cycle, but we had not understood how. Recent experiments have demonstrated that more or fewer cosmic rays hitting the earth create more or fewer of the low, cooling clouds that deflect solar heat back into space-amplifying small variations in the intensity of the sun.

Avery and Singer noted that there are hundreds of additional peer-reviewed studies that have found cycle evidence, and that they will publish additional researchers' names and studies. They also noted that their book was funded by Wallace O. Sellers, a Hudson board member, without any corporate contributions.

*The above information was provided by Dennis Avery.*
for Astrophysical Research, the Woods Hole and Scripps Oceanographic Institutes, Sweden’s Upsala University, Australia’s Waikato University, South Africa’s Witwatersrand University, and the Chinese Academy of Sciences.

The key dispute, of course, is whether the recent global warming has been due to humans burning fossil fuels or to the natural, moderate 1,500 year cycle discovered in the Greenland and Antarctic ice cores in the 1980s. Willi Dansgaard of Denmark and Hans Oeschger of Switzerland discovered the climate cycle, in the first long Greenland ice cores. Claude Lorius of France led the Antarctic team which reported on the first long Antarctic ice core in 1985. They shared the Tyler Prize—the environmental version of the Nobel—in 1996.

Dansgaard-Oeschger cycles have since been found in seabed and lake sediments, ancient tree rings, boreholes, cave stalagmites, glacier movements and archeological artifacts all over the world. We rejoice that their work is now supported by hundreds of peer-reviewed research reports, with more than 1,000 authors and co-authors, from research institutions around the world.

This partial listing is derived primarily from the citations in our book, Unstoppable Global Warming—Every 1,500 Years. As the time of our small staff permits, we will publish additional studies and their authors to support the very important view that the Modern Warming is natural and no more dangerous than were the Medieval Warming, the Roman Warming and the Holocene Warming before it.

**Studies Finding Evidence of the Climate Cycle:**


W. Dansgaard, University of Copenhagen, Denmark

Hans Oeschger, retired from the University of Bern, Switzerland (deceased)


W. Dansgaard, University of Copenhagen, Denmark

S. J. Johnson, University of Iceland

H. B. Clausen, University of Copenhagen, Denmark

D. Dahl-Jensen, University of Copenhagen, Denmark

N. S. Gundestrup, University of Copenhagen, Denmark

C. U. Hammer, University of Copenhagen, Denmark

C. S. Hvidberg, University of Copenhagen, Denmark

J. P. Steffenson, University of Copenhagen, Denmark

A. E. Sveinbjornsdottir, University of Iceland

Jean Jouzel, French Atomic Energy Commission

G. Bond, Lamont-Doherty Geological Observatory, New York.


Claude Lorius, French National Center for Scientific Research

C. Ritz, French National Center for Scientific Research

J. Jouzel, Geochemical Isotope Laboratory, France

L. Merlivat, Geochemical Isotope Laboratory, France

S. Korotkevich, Geochemical Isotope Laboratory, France

N. I. Barkov, Arctic and Antarctic Research Institute, Leningrad

V. M. Kotlyakov, Russian Institute of Geography


T. Cronin, USGS
Gerald H. Haug, Geopforschungszenfrum, Potsdam, Germany
Detlef Gunther, ETH, Zurich, Switzerland
Larry C. Peterson, University of Miami
Daniel M. Sigman, Princeton University
Konrad A. Hughen, Woods Hole Oceanographic Institution
Beat Aeschlimann, ETH, Zurich, Switzerland

David Hodell, University of Florida
Mark Brenner, University of Florida
Jason H. Curtis, University of Florida
Thomas Guilderson, Livermore National Lab, Livermore, CA

Nicolas Caillon, Scripps Institutionion of Oceanography
Jeffrey P. Severinghaus, Scripps
Jean Jouzel, French Atomic Energy Commission
Jean-Marc Barnola, Laboratory of Glaciology and Geophysics Environment, France
Jiancheng Kang, Polar Research Institute of China
Volodya Lipenkov, Arctic and Antarctic Research Institute, St. Petersburg, Russia

Tandong Yao, Chinese Academy of Sciences, Beijing
Kegin Duan, Chinese Academy of Sciences, Beijing
Baiging Xu, Chinese Academy of Sciences, Beijing
Ninglian Wang, Chinese Academy of Sciences, Beijing
Jiamchen Pu, Chinese Academy of Sciences, Beijing
Lide Tian Chinese, Academy of Sciences, Beijing
Weinhen Sun, Chinese Academy of Sciences, Beijing
Shichang Kang, Chinese Academy of Sciences, Beijing
Xiang Qin, Chinese, Academy of Sciences, Beijing
L. G. Thompson, Ohio State

D. Dahl-Jensen, Niels Bohr Institute, Copenhagen
K. Mosegaard, Niels Bohr Institute, Copenhagen
N. Gundestrup, Niels Bohr Institute, Copenhagen
J. Johnsen, Niels Bohr Institute, Copenhagen
A.W. Hansen, Niels Bohr Institute, Copenhagen
G. D. Clow, USGS, Denver

N. Balling, University of Aarhus, Denmark
Paul A. Mayewski, University of New Hampshire
Loren D. Mekker, University of New Hampshire
Mark S. Twickler, University of New Hampshire
Sallie Whitlow, University of New Hampshire
Quanzhao Yang, University of New Hampshire
W. Berry Lyons, University of Alabama
Michael Prentice, University of New Hampshire

Sharon Nicholson, Florida State

Henry Lamb, Institute of Geography and Earth Science, University of Wales
Iain Darbyshire, Institute of Geography and Earth Science, Univ. of Wales
Dirk Verschuren, Institute of Geography and Earth Science, Univ. of Wales

Bettina Schilman, Geological Survey of Israel
Miriam Bar-Matthews, Geological Survey of Israel
Ahuva Almogi-Labin, Geological Survey of Israel
Boaz Luz, Hebrew University of Jerusalem

Nir Shaviv, Hebrew University of Jerusalem
Jan Veizer, University of Ottawa, Canada

Hubert H. Lamb, East Anglia University, UK

Kang Chao, Tunghai University, China

L. G. Thompson, Ohio State
Tandong Yao, Chinese Academy of Sciences
E. Mosley-Thompson, Ohio State
M. E. Davis, Ohio State
K.A. Henderson, Ohio State
P.-N. Lin, Ohio State

Gerard Bond, Lamont-Doherty Earth Observatory, New York.
William Showers, North Carolina State
Gerard Bond, Lamont-Doherty Earth Observatory, New York
Bernd Kromer, Heidelberg Academy of Sciences, Germany
Juerg Beer, Eidgenossische Anstalt fur Wasserversorgung, Switzerland
Raimund Muscheler, University of Arizona
Michael N Evans, University of Arizona
William Showers, North Carolina State University
Sharon Hoffman, Lamont-Doherty Earth Observatory
Rusty Lotti-Bond, Lamont-Doherty Earth Observatory
Irka Hajdas, Accelerator Mass Spectrometry
Georges Bonani, Accelerator Mass Spectrometry

P. M. Liew, National Taiwan University
C.Y. Lee, National Taiwan University
C.M. Kuo, Chinese Petroleum Corporation, Taipei

Lloyd D. Keigwin, Woods Hole Oceanographic Institute
Peter deMenocal, Lamont-Doherty Earth Observatory
Joseph Ortiz, Lamont-Doherty Earth Observatory
Michael Sarnthein, University of Kiel, Germany

Frank McDermott, University College, Dublin
David P. Mattey, University of London
Chris Hawkesworth, Bristol University

Maureen Raymo, MIT
K. Ganley, MIT
S. Carter, MIT
D. W. Oppo, Woods Hole Oceanographic Institute
J. McManus, Woods Hole Oceanographic Institute

Steve J. Baedeke, James Madison University
Thomas Huffman, University of Witwatersrand, South Africa

S. Desprat, University of Bordeaux
M.F. Sanchez Goni, University of Bordeaux
M.F. Loutre, Georges Lemaitre Institute, France

Anders Moberg, Stockholm University
Dmitry M. Sonechkin, Hydrometeorological Research Centre of Russia
Karin Holmgren, Stockholm University
Nina M. Datsenko, Hydrometeorological Research Centre of Russia
Wibjorn Karlen, Stockholm University

Shaopeng Huang, University of Michigan
Po Yu Shen, University of Western Ontario

Dominic Arsenault, Universite Laval, Quebec, Canada
Serge Payette, Universite Laval, Quebec, Canada

O. Watanabe, Japanese National Institute of Polar Research
F. Parenin, Laboratory of Climate Science and the Environment, France
H. Shoji, Kitami Institute of Technology, Japan
N. Yoshida, Tokyo Institute of Technology

Bernd Wagner, Alfred Wegener Institute, Potsdam, Germany
Martin Melles, Leipzig University

Jennifer N. Kasper, University of Ottawa
Michel Allard, Universite Laval, Quebec

J. J. Moore, University of Colorado
K. A. Hughen, Woods Hole Oceanographic Institution
G. H. Miller, U. of Colorado
J. T. Overpeck, U. of Arizona
M.M. Naurzbaev, Sukachev Institute of Forest, Russia
E. A. Vaganov, Sukachev Institute of Forest, Russia
O. V. Sidorova, Sukachev Institute of Forest, Russia
F. H. Schweingruber, Swiss Federal Research Institute

Paul Schuster, USGS
David L. Naftz, USGS
L. DeWayne Cecil, USGS
David L. White, Golden Software

Francois Nguetsop, French National Museum of Natural History
Simone Servant-Vildary, French National Museum of Natural History
Marie Servant, ORSTOM, France

Dominique Arsenault, U. of Quebec
Serge Payette, Universite Laval, Quebec

Bjorn E. Berglund, Lund University, Sweden

Stefan Niggemann, Ruhr-University, Bochum, Germany
A. Mangini, Ruhr-University, Bochum
D. K. Richter, Ruhr-University, Bochum
G. Wurth, Ruhr-University, Bochum

P. Lambert, University of Bergen
B. Kubler, University of Bergen
S. Bernasconi, University of Bergen
J. Hunziker, University of Bergen

Elinor Andren, Upsala University
Thomas Andren, EU Baltic Sea System Study Project
Gunnar Sohlenius, Swedish Royal Institute of Technology

F. S. Rodrigo, University of Almerla, Spain
M. J. Esteban-Parra, University of Granada
I. Pozp-Vazquez, University of Jaen, Spain
Y. Castro-Diez, University of Granada, Spain

A. Sousa, University of Sevilla
G. Garcia-Murillo, University of Sevilla


Arie S. Issar, Ben Gurion University, emeritus

Arie S. Issar, Ben Gurion University
H. Tsoar, Ben Gurion University
D. Levin, Ben Gurion University

Amos Frumkin, Hebrew University of Jerusalem
M. Magaritz, Weizmann Institute of Science
Israel Carmi, Weizmann Institute of Science
Israel Zak, Hebrew University of Jerusalem

Fekri A Hassan, Washington State University

Dominik Fleitmann, University of Bern
Ulrich Neff, Heidelberg Academy of Science
Stephen J. Burns, University of Massachusetts
Manfred Mendelsee, University of Leipzig
Jan Kramers, University of Bern
Augusto Mangini, Heidelberg Academy of Science
Albert Matter, University of Bern

Wolfgang H. Berger, University of California/San Diego
Ulrich von Rad, Bundesanstalt fur Geowissenschaften und Ruhstoffe, Germany

Hai Xu, Institute of Earth Environment, Chinese Science Academy


Hirohiko Kitagawa, International Research Center for Japanese Studies, Kyoto
Eiji Matsumoto, Nagoya University, Japan


Dirk Verschuren, University of Gent, Belgium
K. R. Laird, Queen’s University, Ontario
B. F. Cummings, Queen’s University, Ontario


Jan Esper, University of East Anglia, UK
Matthias Winiger, University of Bonn


Lisa Graumlich, Montana State University


Marcela A Cioccale, National University of Cordoba, Argentina


Bao Yang, Chinese Academy of Sciences
Achim Braeuning, University of Stuttgart
Kathleen R. Johnson, University of California/Berkeley


Henry C. Fricke, University of Michigan
James O’Neal, University of Michigan


Willi Soon, Harvard-Smithsonian Center for Atmospheric Research
Sallie Baliunas, Harvard-Smithsonian Center for Atmospheric Research

M. J. Salinger, National Institute of Water and Atmospheric Research, New Zealand

Parker Calkin, University of Colorado
Gregory C. Wiles, College of Wooster
David J. Barclay, State University of New York/Cortland

Jean Grove, Girton College, Cambridge, UK. (Deceased)

Douglas H. Clark, University of Washington,
M. M. Clark, University of Washington
Alan Gillespie, University of Washington

P. Wardle, Department of Science and Industrial Research, New Zealand

Stefan Winkler, Wurzburg University, Germany

Krysztof Birkenmajer, Polish Academy of Sciences

Svante Bjorck, Lund University, Sweden

B. L. Hall, University of Maine
G. H. Denton, University of Maine

Anne Jennings, University of Colorado
Nancy J. Weiner, University of Colorado

Dennis Darby, Old Dominion University
Jens Bischof, Old Dominion U.
Gregory Cutter, Old Dominion U.
Anne de Vernal, McGill University
Claude Hillaire-Marcel, McGill University
Daniel R. Muhs, University of Iowa
T. A. Ager, University of Iowa
J. B. Beget, University of Iowa

Jennifer N. Kasper, University of Ottawa
Michel Allard, Universite Laval, Quebec

A. E. Viau, University of Ottawa
Konrad Gajewski, University of Ottawa
Michael Sawada, University of Ottawa
P. Fines, University of Ottawa

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P. M. Anderson, University of Washington
Cathy Barnosky, University of Washington
P. J. Bartlein, University of Oregon
John Berks, Cambridge University
Patrick J. Behling, University of Wisconsin
Linda Brubaker, University of Washington
E. J. Cushing, University of Minnesota
J. R. Dodson, University of Canterbury, New Zealand
Edward Fleri, Photon Research Associates, La Jolla, CA
Peter J. Guetter, University of Wisconsin
Sandra P. Harrison, University of Bristol, UK
Brian Huntley, University of Durham, UK
J. E. Kutzbach, University of Wisconsin
Vera Markgraf, University of Arizona
M. S. McGlone, Department of Scientific and Industrial Research, New Zealand
N.T. Moar, Department of Scientific and Industrial Research, New Zealand
Joseph Morley, Lamont-Doherty Earth Observatory
R. Allan Perrott, University of Wales
Gilbert M. Peterson, University of Wisconsin
Warren L. Prell, Brown University
I. Colin Prentice, Lund University, Sweden
Neil Roberts, Loughborough University of Technology, UK
William F. Ruddiman, University of Virginia
M. J. Salinger, University of East Anglia
W. Geoffrey Spaulding, University of Arizona
Alayne A. Street-Perrott, Oxford University
R. S. Thompson, USGS
Pao-Kuan Wang, University of Wisconsin
Tom Webb III, Brown University
Marjorie G. Winkler, University of Wisconsin
H. W. Wright, Jr., University of Minnesota


C. E. Larsen, USGS


V. C. LaMarche, University of Arizona

A. Chepstow-Lusty, “Tracing 4,000 Years of Environmental History in the Cuzco Area, Peru, from the Pollen Record,” *Mountain Research and Development* 18 (1998): 159-172.


Alex J. Chepstow-Lusty, Cambridge University


Martin Iriondo, University of Santa Fe, Argentina


Blas Valero-Garces, Institute of Ecology-CSIC, Zaragosa, Spain
A. Delgado-Huertes, Experiment Station El Zaidin-CSIC, Granada, Spain
N. Ratto, University of Buenos Aires, Argentina,
A. Navas, Experiment Station Aula Dei-CSIC, Zaragoza, Spain
L. Edwards, University of Minnesota


M. Rietti-Shati, Weizmann Institute, Rehovot, Israel
Aldo Shemesh, Weizmann, Institute, Rehovot, Israel
Wibjorn Karlen, University of Stockholm


Peter D. Tyson, University of Witwatersrand, South Africa
Karin Holmgren, University of Stockholm
Wibjorn Karlen, University of Stockholm
G. A. Heiss, German Advisory Board on Climate Change
O. Svenared, University of Stockholm


Karin Homlgren, University of Stockholm
Wibjorn Karlen, University of Stockholm
S. E. Lauritzen, University of Bergen
J. A. Lee-Thorpe, University of Cape Town
T. C. Partridge, University of Witwatersrand
S. Piketh, University of Witwatersrand
John Stone, University of Washington
Gregory Balco, University of Washington
David E. Sugden, University of Edinborough
Mark C. Caffee, Lawrence Livermore Lab
Louis C. Sass III, Colorado College
Seth G. Cowdery, Colorado College
Christine Siddoway, Colorado College

Walter E. Dean, USGS
J. Pratt Bradbury, USGS
Roger Y. Anderson, University of New Mexico
Cathy Barnosky, Carnegie Museum of Natural History, Pittsburgh

R. E. Vance, Simon Fraser University, Canada
R. W. Mathews, Simon Fraser University
John Clague, Simon Fraser University


P. F. Schuster, USGS
David L. Krabbenhoft, USGS
David L. Naftz, USGS
M. L. Olson, USGS
J. F. Dewild, USGS
J. R. Green, USGS
M. L. Abbot, USGS

S. L. Forman, Ohio State
Alexander H. F. Goetz, Ohio State
Robert Yukas, Ohio State

Daniel R. Muhs, USGS
Vance T. Holliday, University of Wisconsin
William R. Boggess, Duke University

Constance I. Millar, U.S. Forest Service
David M. Meko, University of Arizona
Charles W. Stockton, University of Arizona
William R. Boggess, Duke University.

R. F. Madole, *Stratigraphic Evidence of Desertification in the West Central Great Plains within the Past 1,000 Years,*” *Geology* 22 (1994): 483-86
Richard F. Madole, USGS

J. C. Knox, University of Wisconsin

William H. Quinn, Oregon State University, (deceased)

Hans Neuberger, emeritus, Penn State University

Steven McIntyre, www.climateaudit.org
R. McKitrick, www.climateaudit.org

Eugenia Kalnay, University of Maryland
Ming Cai, Florida State University

Jorgen Berge, University Centre in Svalbard
Geir Johnsen Norwegian University of Technology and Science
Frank Nilsen, University Centre in Svalbard

Miguel A. Goni, University of South Carolina
Mark P. Woodworth, University of South Carolina
Heather L. Aceves, University of South Carolina
Robert C. Thunell, University of South Carolina
Eric Tappa, University of South Carolina
David Black, University of Akron, Ohio
Frank Muller-Karger, University of South Florida
Yrene Aster, Fundacion La Salle de Ciencias Naturales, Porlamar, Venezuela
Studies on the Sun-Climate Connection

Henrik Svensmark, Danish Space Research Institute

Paul Brekke, European Space Agency

Minze Stuiver, University of Washington

Charles A. Perry, USGS
Kenneth J. Hsu, Tarim Associates, Zurich

Drew T. Shindell, NASA
Gavin A. Schmidt, University of Virginia
Michael E. Mann, University of Massachusetts
David Rind, NASA
Anne Waple, University of Massachusetts

Shindell, Drew T., NASA
Nambeth Balachandran, NASA
Judith Lean, U.S. Naval Research Laboratory

Nigel D. Marsh, Danish Space Research Institute
Henrik Svensmark, Danish Space Research Institute

Joanna Haigh, Imperial College, UK

Richard Lindzen, MIT
Ming-Dah Chou, Goddard Institute
Arthur Hou, Goddard Institute

Y. C. Sud, Goddard Institute
Greg K. Walker, Goddard Institute
William K-M Lau, Goddard Institute
Junye Chen, Columbia University
Barbara Carlson, Goddard Institute
Anthony Del Genio, Goddard Institute

Bruce Weilicki, NASA Langley
Takmeng Wong, NASA Langley
Richard P. Allen, Hadley Centre, UK
Anthony Slingo, Hadley Centre, UK
Jeffrey T. Kiehl, NCAR
Brian J. Soden, NOAA
C.T. Gordon, NOAA
Alvin K. Miller, NOAA
Shi-Keng Yang, NOAA
David A Randall, NASA
Joel Susskind, Goddard
Herbert Jacobowitz, NOAA

M. Tiwari, Physical Research Lab., Ahmedabad, India
R. Ramesh, Physical Research Lab., Ahmedabad, India
B. L. K. Jull, Physical Research Lab., Ahmedabad, India
A. J. T. Jull, University of Arizona
G.S. Burr, University of Arizona

Studies Show Sea Levels Not Rising Rapidly

Nils Axel Morner, Stockholm University

Owen K. Mason, University of Alaska Museum
James W. Jordan, Antioch New England Graduate School, Keene, NH

Martin Ekman, Swedish National Land Survey

Bruce Douglas, Florida International University
W. R. Peltier, University of Toronto

Studies Show Storms Not Worsening

James B. Elsner, Florida State
Kam-Biu Liu, LSU
Bethany Kocher, Florida State

Robert Balling, Jr., Arizona State University
Randall Cerveny, Arizona State University

Kenneth Kunkel, Illinois State Water Survey

R. H. Kripalani, Indian Institute of Meteorology
Ashwini Kulkarni, Indian Institute of Meteorology
S. S. Sabade, Indian Institute of Meteorology
M. L. Khandekar, consulting meteorologist, Unionville, Ont.

N. Fauchereau, University of Bourgogne, France
S. Trazaska, University of Bourgogne, France
M. Rouault, University of Bourgogne, France
Y. Richard, University of Cape Town, S. Africa

Stanley Changnon, University of Illinois
David Changnon, Northern Illinois University

Thomas P. Grazulis, The Tornado Project, St. Johnsbury, VT.

Harold E. Brooks, NOAA
Charles A. Doswell, Coop. Institute for Mesoscale Meteorological Studies, Norman, OK

Thomas R. Karl, NOAA
Richard W. Knight, NOAA

Jonathon Nott, James Cook University, Australia
Matthew Hayne, James Cook University, Australia

Keqi Zhang, University of Maryland
Bruce C. Douglas, University of Maryland
Stephan P. Leatherman, Florida International University
Matthew E. E. Hirsch, Cornell University
Arthur T. DeGaetano, Cornell University
Stephen J. Collucci, Cornell University

Wim Bijl, National Institute for Coastal and Marine Management, Netherlands
R. A. Flather, Bidston Observatory, UK
J. G. de Ronde, Netherlands Institute for Coastal and Marine Management,
Torben Schmith, Danish Meteorological Institute

**Studies Show Wild Species Adapting to Climate Change**

D. R. Kobluk, University of Toronto
Mary A. Lysenko, University of Toronto

Cynthia Lewis, University of Buffalo
Mary Ellen Coffroth, University of Buffalo

R. O. Lawton, University of Alabama/Huntsville
U. S. Nair, University of Alabama/Huntsville
R. A. Pielke, Sr., Colorado State University
R. M. Welch, Colorado State University

Craig Loehle, Argonne National Laboratory

Sherwood Idso, Center for CO₂ Science, Tempe, AZ
Craig Idso, Center for CO₂ Science, Tempe, AZ
Keith Idso, Center for CO₂ Science, Tempe, AZ

D. I. Axelrod, University of California

Ramakrishna Nemani, University of Montana
Charles D. Keeling, Scripps Institute of Oceanography
Hiroyo Hasimoto, Universities of Montana and Tokyo
William M. Jolly, University of Montana
Stephen C. Piper, Scripps Institute of Oceanography
Compton J. Tucker, NASA
Ranga B. Myneni, Boston University

David W. MacDonald, Oxford University


Cara Lowe, University of Montana


Cara Lowe, graduate student at Canterbury University, New Zealand, who reported on warm-water survival of an Antarctic fish species at the New Zealand Antarctic Conference at Waikato University in 2004. See “Antarctic Fish Set to Survive Warmer Seas,” *New Zealand Herald*, April 16, 2004.

R. J. Ladle, Oxford University


C. M. van Herk, University of Eindhoven, Netherlands,


A. J. Southward, Marine Biological Association


R. C. Smith, University of California/Santa Barbara
Ronald Lewis Smith, British Antarctic Survey

Matthew Sturm, U.S. Army Cold Regions Research
Charles Racine, U.S. Army Cold Regions Research
Kenneth Tape, U.S. Army Cold Regions Research

R. D. Sagarin, University of California/Santa Barbara
J. P. Barry, Monterey Bay Aquarian Research Institute
S. E. Gilman, University of California/Davis
C.H. Baxter, Hopkins Marine Station, Pacific Grove, CA

N.K. Johnson, University of California/Berkeley

Bruce Kimball, U.S. Department of Agriculture, Agricultural Research Service

Henrik Saxe, Royal Veterinary and Agricultural School of Denmark
David S. Ellsworth, University of Michigan
James Heath, Lancaster University, UK

Sherwood B. Idso, USDA-Agricultural Research Service
Donald Graybill, University of Arizona
Bjorn Gulliksen, Norwegian Fishery College, University of Tromso.
Dag Slagstad, SINTEF Fisheries and Aquaculture