

Solar Cooling and Global Warming: What's Natural and What's Not

By

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WANTED: Accessories to genocide

NCAR



Guy Brasseur



William Collins



Elisabeth Holland



Reto Knutti



Patricia Romero Lankao



Linda Mearns



Gerald Meehl



Kathleen Miller



Bette Otto-Bliesner



Kevin Trenberth

Stratus Consulting



Joel Smith



NOAA



Susan Solomon

NOAA Earth System Research Laboratory



David Fahey



Roger Pulwarty

CU's National Snow and Ice Data Center



Tingjun Zhang

Boulder's IPCC lead authors

On Friday, the Norwegian Nobel Committee announced that the 2007 Nobel Peace Prize would be shared between former Vice President Al Gore and the United Nations' Intergovernmental Panel on Climate Change. Most recently, the IPCC released its fourth assessment report on the state of climate change, which said humans are "very likely" the cause of global warming.

Dozens of scientists from Boulder contributed to the assessment, but 14 of them worked as lead authors on chapters for at least one section of the report, writing and incorporating feedback from thousands of comments from their peers.

Here are brief bios of Boulder's lead authors:

NCAR

Guy Brasseur, director of NCAR's Earth and Sun Systems Laboratory, is an atmospheric chemist who has worked on global models of atmospheric chemistry and chemical transport in the atmosphere.

William Collins studies the interactions of sunlight and heat with greenhouse gases and other constituents in Earth's atmosphere.

Elisabeth Holland, an NCAR

senior scientist, studies the link between the chemistry of the atmosphere and ecosystems on Earth.

Reto Knutti, an NCAR visiting scientist, is an expert on climate models. His work focuses on projections of future climate and estimating the uncertainty of model scenarios.

Patricia Romero Lankao is a sociologist who studies the causes and societal impacts of climate change, especially in cities.

Linda Mearns, an NCAR senior scientist and director of the center's Institute for the Study of Society and Environment, specializes in the regional impacts of climate change, the potential effects of global warming on agriculture, and variability and uncertainty in climate-change studies.

Gerald Meehl, a senior scientist at NCAR, studies projections of future climate change and tropical climate variability.

Kathleen Miller is an economist who studies the policy implications of climate change on water supplies, aquatic ecosystems, marine fisheries and wildfire hazards.

Bette Otto-Bliesner uses climate models to investigate past

climates and climate variability, with an emphasis on changes in temperature and sea level.

Kevin Trenberth is an NCAR senior scientist and head of the center's Climate Analysis Section. His specialties include global climate change, climate variability and El Niño, the hydrological cycle and climate observations.

NOAA Earth System Research Laboratory

David Fahey is a physicist whose research at NOAA includes using unmanned aircraft systems and the effects of aircraft exhaust on climate.

Roger Pulwarty is a senior scientist at NOAA and the program manager for the U.S. National Integrated Drought Information System. He studies the role of climate and weather in society-environment interactions.

CU's National Snow and Ice Data Center

Tingjun Zhang is an NSIDC senior scientist who specializes in permafrost and its possible impacts on climate.

Stratus Consulting

Joel Smith, vice president of Stratus Consulting, analyzes climate-change impacts and adaptation issues.