The Honorable Frank R. Wolf, Chair
The Honorable Alan B. Mollohan, Ranking Member
Science, State, Justice and Commerce and Relates Agencies Subcommittee
House Committee on Appropriations
H-309 Capitol Building
Washington, DC 20515-6017

Dear Chairman Wolf and Ranking Member Mollohan:

On behalf of the members of the University Corporation for Atmospheric Research (UCAR) and the atmospheric sciences community, we write to urge you to reverse funding cuts to NASA that have the potential to impede this nation’s scientific progress and threaten our international leadership position in science and technology.

As constituents and as scientists, we urge you to restore funding to NASA’s Research and Analysis grants, restore funding to Earth science programs which support the cadre of missions focused on answering some of Earth’s most pressing environmental challenges, and restore funding to the small and medium sized competitive missions that train the next generation of scientists and have produced some of the greatest scientific discoveries in the last twenty years.

NASA’s Earth science program leads directly to major societal benefits to the country, including: improved weather forecasts and warnings; climate outlooks; management of natural resources; and mitigation of natural disasters such as drought, floods, landslides, and volcanoes. In addition, NASA’s unmanned space science programs have provided a wealth of information about space weather, solar driven storms that affect communications and the lives of astronauts, and the atmosphere of other planets.

Of particular concern in Earth science is the fact, as noted by the National Research Council, that, “the nation’s system of environmental satellites is at risk of collapse.” With budget proposals to cancel Hydros and the Deep Space Climate Observatory, delay the Global Precipitation Mission for two and a half years, delay the NPOESS Preparatory Program mission for a year and a half, and make significant cuts to NASA’s Research and Analysis account, the nation is facing a serious problem. NASA satellite observations are central to an improved understanding of the Earth, and span a number of research areas including the Earth’s ozone, air quality, and climate. NASA is the only agency with the capacity to undertake such an ambitious program the results of which are fundamental to our understanding of the health of our planet, upon which all our lives and our children’s lives depend.
Given budget pressures on the country as well as the funding needed to implement the Administration’s vision for manned missions to the Moon and Mars, the temptation may exist to curtail existing programs and missions and cancel new starts. However, once a mission is selected through competition, years and significant resources are invested to ensure that the mission will be successful and contribute to new frontiers of scientific discovery. By cutting the program or suspending funding on missions that are already years into development, NASA is sending the message that it is an unreliable partner to the research and university communities and does not respect peer-review or other competitive processes. This also undercuts the important investment that has already been made by the taxpayer, industry, international partners, and academia, and it eliminates the programs that serve as a key avenue through which much of the technical workforce serving in industry is trained and receives needed experience.

As the Administration’s new vision for U.S. space exploration unfolds, we urge you to protect the vibrant NASA science accounts and missions, current and planned, that make possible the study of our own planet and the environment that sustains life on Earth.

Thank you very much for your attention to this critical issue. We must not stand by quietly while this country’s unique scientific capabilities are diminished. [Copies of this letter are being sent to all Members of the Subcommittee.]

Sincerely,

Richard A. Anthes
President
University Corporation for Atmospheric Research

Tim Garrett
Assistant Professor
University of Utah

William L. Smith
Professor Emeritus
University of Wisconsin-Madison

Paul O. Wennberg
Professor
California Institute of Technology
Robert Gillies
Associate Professor
Utah State University

Lawrence Hipps
Professor
Utah State University

Robert Street
Professor
Stanford University

Fred E. Stafford
Senior Director, Special Projects
The University of Chicago

Alan Robock
Professor
Rutgers University

Ernest M. Agee
Professor
Purdue University

Russell R. Dickerson
Professor and Chairman
Dept. of Atmospheric and Oceanic Science
University of Maryland

Gregory R. Carmichael
Dean
University of Iowa

Shi Tsan Wu
Professor Emeritus
University of Alabama

William Gallus
Associate Professor
Iowa State University

Lisa N. Murphy
Graduate Research Assistant
Dept. of Atmospheric & Oceanic Science
University of Maryland
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Wallace A. Hogsett
Research Assistant
Dept. of Atmospheric & Oceanic Science
University of Maryland

Semyon A. Grodsky
Associate Research Scientist
University of Maryland

Matthew H. Hitchman
Professor
University of Wisconsin-Madison

Richard C. J. Somerville
Distinguished Professor
University of California, San Diego

Richard E. Orville
Professor
Texas A&M University

Thomas Reichler
Assistant Professor
Department of Meteorology
University of Utah

Chidong Zhang
Professor
University of Miami

Judith A. Curry
Chair
School of Earth and Atmospheric Sciences
Georgia Institute of Technology

Kerry H. Cook
Professor
Cornell University

Donald J. Wuebbles
Professor
University of Illinois
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Chris Harrma
Chris Harrison
Professor of Marine Geology and Geophysics
University of Miami

Mary Jo Richardson
Professor
Texas A&M University

William Vaughan, Ph.D.
William Vaughan
Professor
University of Alabama in Huntsville

Antonio J. Busalacchi
Antonio J. Busalacchi
Professor
University of Maryland

Charlie Zender
Associate Professor
University of California-Irvine

Virgil L. Sharpton, PhD
Vice Chancellor or Research,
University of Alaska Fairbanks

Hank Revercomb
Director
Space Science & Engineering Center
University of Wisconsin-Madison

Carole Knight
Associate Dean and Director
Research Services
St. Louis University

Jonathan A. Foley
Director
Center for Sustainability and the Global Env.
University of Wisconsin-Madison

Kelvin Droegemeier
Director
Center for Analysis & Prediction of Storms
University of Oklahoma
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Robert G. Ellingson
Professor & Department Chair
Department of Meteorology
Florida State University

Robert Dickinson
Professor
Georgia Institute of Technology

Len Pietrafesa
Associate Dean and Professor
North Carolina State University

Efi Foufoula
Distinguished McKnight University Professor
National Center for Earth-surface Dynamics
University of Minnesota

John M. Morrison
Professor
Dept. of Physics and Physical Oceanography
University of North Carolina Wilmington

Steven M. Lazarus
Assistant Professor
Dept. of Marine and Environmental Systems
Florida Institute of Technology

Joseph A. Zehnder
Professor
Center for Environmental Studies
Arizona State University

David Noone
Assistant Professor
Dept. of Atmospheric and Oceanic Sciences
CIRES
University of Colorado at Boulder

Jim Hansen
Assistant Professor
Earth, Atmospheric and Planetary Sciences
Massachusetts Institute of Technology
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C. David Whiteman
Research Professor
Department of Meteorology
University of Utah

Peter J. Webster
Professor
Georgia Institute of Technology

Laney Mills
Professor
Department of Physics and Astronomy
University of Charleston

John Helsdon
Institute of Atmospheric Sciences
South Dakota School of Mines and Technology

William J. Gutowski, Jr.
Professor of Meteorology
Iowa State University

Professor Anthony J. Broccoli
Director, Center for Environmental Prediction
Department of Environmental Sciences
Rutgers University

Steven L. Mullen
Head
Department of Atmospheric Sciences
University of Arizona

Jennie L. Moody
Research Associate Professor
Department of Environmental Sciences
University of Virginia

Barbara A. Feiner
Vice Chancellor for Finance and CFO
Washington University
Huiting Mao  
Research Assistant Professor  
Climate Change Research Center  
University of New Hampshire

Eric DeWeaver  
Assistant Professor  
Dept. of Atmospheric and Oceanic Sciences  
University of Wisconsin-Madison

Mark Abbot  
Dean  
College of Oceanic and Atmospheric Sciences  
Oregon State University.

Jim Coakley  
Professor  
College of Oceanic & Atmospheric Sciences  
Oregon State University

John Merrill  
Professor  
Graduate School of Oceanography  
University of Rhode Island

Noboru Nakamura  
Associate Professor  
Department of Geophysical Sciences  
University of Chicago

Gudrun Magnusdottir  
Associate Professor  
Department of Earth System Science  
University of California Irvine

Berrien Moore  
Director  
Institute for the Study of Earth, Oceans and Space  
University of New Hampshire

David Martin  
Honorary Fellow  
Space Science and Engineering Center  
University of Wisconsin-Madison

James C. (Chuck) Wilson  
John Evans Professor  
Department of Engineering  
University of Denver
Everette Joseph, Ph. D  
Associate Professor  
Department of Physics and Astronomy  
Howard University

Darryn Waugh  
Professor  
Dept. Earth and Planetary Sciences  
Johns Hopkins University

Susan L. Ustin  
Professor of Resource Science  
Director, Western Regional Center for  
Global Environmental Change  
Director, Calif. Space Institute Ctr. of Excellence  
University of California Davis

Donald R. Johnson  
Emeritus Professor  
University of Wisconsin-Madison

Julia Paegle  
Meteorology Department  
University of Utah

Eric Barron  
Dean  
College of Earth and Mineral Sciences  
Penn State University

Jose Maliekal  
Department of the Earth Sciences  
SUNY College at Brockport

Richard Großmann  
Professor of Climate Dynamics  
University of California Davis

Gary M. Lackmann  
Associate Professor  
Dept. of Marine, Earth & Atmospheric Sciences  
North Carolina State University