

CEQ 5



UNITED STATES DEPARTMENT OF COMMERCE
The Assistant Secretary of Commerce
for Oceans and Atmosphere
Washington, D.C. 20230

November 14, 2005

The Honorable James M. Inhofe
United States Senate
722 Hart Senate Office Building
Washington, DC 20510

Dear Senator Inhofe,

On October 17, you requested detailed information regarding the Climate Change Science Program (CCSP). On October 28, I responded to your letter addressing questions 3 – 8 and stated that I would respond to the first two questions in a separate communication. This letter specifically responds to questions 1 and 2.

- 1. Please provide me with the names of CCSP staff (including contractual employees), their professional and academics backgrounds, as well as their formal education, degrees held, scientific credentials, awards, previous positions held both in and outside of government service, and a list of articles they have authored and the journals, books, and other publications in which these articles have appeared.**

Below is information on CCSP staff that is currently maintained by the CCSP Office. In addition to this list (organized alphabetically), a second list provides information on two other individuals who occupy space at the CCSP Office but who are not directly working on CCSP matters.

David Allen

Position: International Programs Specialist

Responsibilities: David Allen oversees activities related to national/international global change research programs and provides senior level staffing support to the Federal Interagency Working Group on International Research and Cooperation (WG/IRC). He also chairs the Staff Group of the International Group of Funding Agencies for Global Change Research (IGFA). In this capacity, he works with and advises the Senior Staff Associate for International Affairs in the National Science Foundation Geosciences Directorate in promoting effective international implementation of global and climate change research programs, prepares technical reports, agendas, issue papers, and background materials, analyzes interagency responses, and disseminates information to appropriate personnel. In working with the Senior Staff Associate, Allen also identifies ways to improve the effectiveness of the WG/IRC and ways to improve interagency interaction regarding international global change research and research-related programs, as well as promoting and encouraging effective U.S. interaction with and support for these programs.



Robert J. Curran, Ph.D.

Position: Senior Staff Scientist

Responsibilities: Robert Curran has served as senior staff scientist in the Climate Change Science Program Office since August 2005. He is seconded to this position from the University of Maryland, Baltimore County (UMBC) through an Intergovernmental Personnel Act (IPA) agreement funded by NASA Headquarters. Curran was previously Director of the Goddard Earth Sciences and Technology Center at UMBC. He has experience in all facets of satellite and aircraft remote sensing of the Earth's atmosphere and surface, and use of these measurements in climate research through more than 30 years of NASA related work at NASA Headquarters and the Goddard Space Flight Center. He is currently responsible for development, initial production and distribution of *Our Changing Planet*. He also supports the Atmospheric Composition Interagency Working Group (IWG). The IWG for Atmospheric Composition is composed of the federal agency program managers having budgetary authority to implement research programs related to Atmospheric Composition. The IWG has the further responsibility to oversee the development of integrated science and implementation plans relevant to Atmospheric Composition and Climate Change. Curran, because of his background and understanding of the research in this element, provides the coordination and integration of this element to the broader CCSP community.

David Dokken

Position: Deputy Director of Operations

Responsibilities: David Dokken serves as focal point for the secretariat component of the Climate Change Science Program Office (CCSPO), and is responsible for ensuring that the office meets objectives outlined by senior agency principals representing the diverse needs and mandates of the 13 federal agencies participating in the program. He has copyedited and produced many major publications on behalf of CCSPO -- including the Strategic Plan for the U.S. Climate Change Science Program and The U.S. Climate Change Science Program: Vision for the Program and Highlights of the Scientific Strategic Plan. Dokken serves as the CCSPO representative on the Financial Operations Group (FOG) to identify financial requirements to execute program plans. On behalf of the FOG and the CCSPO Director, he also works with other activities funded through the interagency distributed cost mechanism to develop and integrate proposals for support on an annual basis. These activities include the National Academy of Science/National Research Council, U.S. support for IPCC scientific activities, and U.S. support for international science coordination.

Roger B Hanson, Ph.D.

Position: Director for the U.S. Carbon Cycle Science Program Office

Responsibilities: Roger B. Hanson has served as Director for the interagency U.S. Carbon Cycle Science Program since January 2005. He recently served eight years as Director of the Joint Global Ocean Flux Study (JGOFS) International Project Office in Bergen, Norway. In this position, he provided overall leadership in the daily operations of the

JGOFS, managing up to half million-dollar budget annually and a staff of three. He also contributed scientific, administrative and financial support to the Scientific Steering Committee in the investigation of past trends and emerging issues in global ocean biogeochemistry. He currently provides direct support to the chairpersons of the Carbon Cycle Interagency Working Group on matters such as annual budgets, financial issues, and funded projects inventories. He also represents the interagency group on carbon cycle science issues with the U.S. Climate Change Science Program and U.S. Climate Change bilateral agreements with identified carbon cycle science. Hanson also acts as a liaison with international carbon cycle science programs under Earth System Science Partners. In other capacities, he supports the interagency working group in preparing topic white papers, science plans, and program accomplishments, analyzing the scope of funded U.S. carbon cycle research projects, informing the interagency group on project status, needs, and opportunities for enhancing research coordination among research scientists and agencies, and communicating significant new findings to decision makers and the public.

Fiona Horsfall, Ph.D.

Position: CCSP Workshop Planning and Support Coordinator/Decision Support Product Management and Development

Responsibilities: Fiona Horsfall has served as CCSP Workshop Planning and Support Coordinator since June, 2005. She is seconded to this position from the Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Weather Service, Climate Services Division. Horsfall's primary responsibility has been planning and organizing the CCSP Workshop: Climate Science in Support of Decision Making. She works closely with the Workshop Steering Committee, senior member-agency officials, and other CCSP office staff to develop and implement plans for the workshop, including developing workshop agendas and other promotional materials; solicit and review contributed presentations; work with synthesis and assessment product leads and other speakers to prepare background papers and presentations; recruit and organize support for the workshop, including rapporteurs and moderators; and prepare summary workshop proceedings.

Following the workshop, Horsfall's responsibilities will shift to decision support product management and development in which she will support the CCSP agencies/departments and interagency groups responsible for oversight and implementation of CCSP decision support activities. Horsfall will support interagency oversight and review processes, ensuring a feedback link between decision support and research planning. Specific responsibilities include prospectus development, including contributing to and commenting on draft prospectuses; technical advice on stakeholder identification and interaction; senior technical advice on drafting issues; technical review on drafts, with special attention to linkages with other products; supporting compliance with agency interpretation of the Information Quality Act and the OMB Peer Review Bulletin.

Richard H. Moss, Ph.D.

Position: Director, Climate Change Science Program Office

Responsibilities: Moss has served as director of the coordination office for the U.S. Global Change Research Program and the Climate Change Science Program since May 2000. He reports to the CCSP Director and the CCSP Interagency Committee and is seconded to his position from the Department of Energy's Pacific Northwest National Laboratory. He coordinated preparation of CCSP's 10-year Strategic Plan (published in 2003). He coordinates program planning, implementation, and evaluation; oversees coordination of CCSP Synthesis and Assessment Products; prepares CCSP reports; provides leadership for CCSP interactions with the National Academy of Sciences; represents the CCSP Director and Interagency Committee in public forums and meetings of CCSP Interagency Working Groups; and directs the CCSP Office.

Sean Potter

Position: Web and Communications Specialist

Responsibilities: Sean Potter has served as a Web and communications specialist for the U.S. Climate Change Science Program since July 2004. He is employed by the University Corporation for Atmospheric Research (UCAR). He is currently responsible for writing, editing, and distributing communications materials for both electronic and print dissemination to targeted general audiences. He assists in the overall production, monitoring and maintenance of Program Web sites, as well as the design, development and implementation of online tools for exchanging and sharing information. He also serves as a member of the Communications Interagency Working Group (CIWG) for the CCSP.

Gloria Rapalee

Position: Program Officer for Carbon Cycle and Ecosystem Research Elements

Responsibilities: Gloria Rapalee has served as Program Officer since 2003. She is an employee of University Corporation for Atmospheric Research (UCAR). She is currently responsible for providing administrative support and coordination for the Carbon Cycle (CCIWG) and Ecosystems (EIWG) Interagency Working Groups and the U.S. Carbon Cycle Scientific Steering Group. She works closely with the chairs of all three groups. In this capacity, she participates in teleconferences and assists in preparations for regular meetings by writing up and distributing meeting records and other materials related to the groups' work. For all three groups she has set up password-protected ftp sites to which she posts working group records and information available to each member of each group.

Vanessa Richardson

Position: Coordinator for Analysis and Assessments

Responsibilities: Vanessa Richardson is on a one-year detail from the National Science Foundation as Coordinator for Analysis and Assessments for the Climate Change Science

Program Office. As Coordinator for Analysis and Assessments, Richardson provides management level expertise for a) coordinating the preparation of Our Changing Planet and b) developing and coordinating administrative processes associated with the review of CCSP Synthesis and Assessment Reports. In addition, she serves as the Chair of the Financial and Administrative Committee of the Inter-American Institute for Global Change Research (IAI). Richardson has worked at the National Science Foundation since 1983 when she was hired as an economist in the NSF Division of Science Resources Studies. She worked in the Office of the Assistant Director for Scientific, Technological and International Affairs and the Office of the Assistant Director for Education and Human Resources prior to joining the Office of the Assistant Director for Geosciences in 1992. Richardson has served as Director of Operations and Analysis since 1993.

Rebecca J. Romsdahl, Ph.D.

Position: AAAS Science & Technology Policy Fellow

Responsibilities: Rebecca Romsdahl has been seconded to the US Climate Change Science Program (CCSP), for the time frame of October 2005 – August 2006, from the Global Change Research Program in the National Center for Environmental Assessment with the US Environmental Protection Agency. Romsdahl acts as support staff for and works with the CCSP Human Contributions & Responses interagency working group. In this capacity, she acts as a central point of contact for working group members and provides general support in coordinating meetings, responding to queries, and reviewing documents. She also operates as liaison between CCSP and the National Academies Committee on the Human Dimensions of Global Change (CHDGC) and the Climate Research Committee. Romsdahl has assisted in the CCSP Workshop: Climate Science in Support of Decision Making by communicating with Workshop participants, serving as a rapporteur, and implementing the uploading of select presentations. Following the Workshop, she will organize electronic copies of the participants' presentations and posters which will be archived on the CCSP website and in DVD format. She has published peer-reviewed articles on topics of communicating human dimensions of environmental change and has conducted previous research with the CHDGC.

Peter Schultz, Ph.D.

Position: Associate Director for Science Coordination

Responsibilities: Peter Schultz has served in this position since 2004. Before joining the Climate Change Science Program Office (CCSPO) staff, he worked at the National Academies/National Research Council, where he directed or co-directed a dozen scientific studies related to global environmental variability and change. He also directed the creation of the National Academies new museum exhibition on climate change. Prior to his work at the NRC, Schultz conducted research at NOAA and Penn State on issues ranging from remote sensing of vegetation to carbon and climate modeling. His primary responsibility at CCSPO is to facilitate program-wide scientific integration, planning, and prioritization through coordination with the program's principals and interagency working groups. He coordinates activities of the program's Climate Variability and Change and Modeling interagency working groups and serves as the Executive Secretary

to the CENR Sub-Committee on Global Change Research. Schultz also assists the CCSP and CCSPD Directors with strategic planning and implementation.

Nick Sundt

Position: Staff Associate

Responsibilities: Nick Sundt has served as the communications manager since 2000. He is an employee of the University Corporation for Atmospheric Research (UCAR). Since joining the staff, he has overseen the development of the program's Web sites, helping to establish them as significant sources of information on global change research. In addition to overseeing the Web sites, he is the principal liaison between the CCSP office and the interagency working group on communications. Activity related to the working group includes development of terms of reference for the working group and development and implementation of the working group's implementation plan.

Compton Tucker, Ph.D.

Position: Senior Staff Scientist

Responsibilities: Compton Tucker has been assigned to the Climate Change Science Program Office (CCSPO) by NASA Headquarters. Tucker will spend 80% of his time at CCSPO in fiscal year 2006. His specific responsibilities include co-chairing the CCSPO Interagency Observations Working Group, providing support to the CCSPO Interagency Working Group on Land Use and Land Cover Change, and participating in the CCSPO Interagency Working Groups on (1) the Carbon Cycle and (2) Ecosystems. These four areas are areas where Tucker has extensive research experience and has published scientific papers in the referred literature. Other duties and responsibilities include reviewing CCSPO documents such as Our Changing Planet, supporting development of selected Synthesis and Assessment Reports, and assisting as requested in any other CCSPO activities.

The following two individuals work in the US CLIVAR (Climate Variability and Predictability - a project of the World Climate Research Program) Office. CLIVAR is not a part of CCSP. The co-location of these two individuals at the CCSP Office facilitates their collaboration on climate related topics.

David Legler, Ph.D. Position: Director, U.S. CLIVAR Office

Responsibilities: David Legler has served as Director of the US CLIVAR since February 2000. He is an employee of UCAR (Boulder, Colorado) and supported by NASA, NSF, and NOAA. He has many scientific interests, including ocean remote sensing, ocean-atmosphere interactions, and the use of climate information in agriculture. He has served on numerous national and international scientific committees. His scientific work has resulted in several awards, including the American Water Resources Association Boggess Award for best paper in 2003 and the American Meteorological Society Father James B. Macelwane Award for undergraduate research papers. He is currently working closely

with the scientific community, federal research agency program managers, the Climate Change Science Program (CCSP), and international programs to develop, advance, and coordinate scientific planning, as well as inter-agency consideration and implementation of CLIVAR within the United States. CLIVAR is a major contributor to the Climate Variability and Change element of the CCSP Strategic Plan. Legler also helps staff and support the Climate Variability and Change interagency working group.

Catherine Stephens

Position: Associate Scientist II for the U.S. CLIVAR Project Office

Responsibilities: Cathy Stephens has served as an Associate Scientist at the U.S. CLIVAR (Climate Variability and Predictability) Office since January 2004. She is an employee of UCAR (Boulder, Colorado). Stephens has published several scientific papers on El Nino, Pacific decadal variability and air-sea fluxes. She received a Gold Medal from the Department of Commerce in 2002 for her research on the warming of the world's oceans. She currently works closely with the scientific community, federal research agency program managers, the Climate Change Science Program (CCSP), and international programs to advance and coordinate scientific program development, program outreach, as well as inter-agency consideration and implementation of CLIVAR within the United States. CLIVAR is a major contributor to the Climate Variability and Change element of the CCSP Strategic Plan.

- 2. Please provide me with a list of all of CCSP's committees and working groups, the names of the persons that serve on each of these committees and working groups, the process by which the participants for each committee and working group are chosen, the organizational structure of these committees and groups, and the projects that each of these committees and groups have completed, are currently working on, and plan to undertake in the future.**

The CCSP Committee ("CCSP Principals" or OSTP Subcommittee on Global Change Research) is the CCSP interagency governing body. Its membership and responsibilities were provided in response to questions 3 and 4 – see October 28 letter. CCSP Committee members are appointed by their respective agencies. The appointment process is unique to each agency.

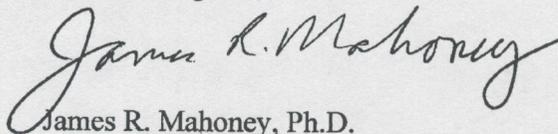
CCSP also has interagency working groups (IWGs) focusing on Atmospheric Composition, Carbon Cycle, Climate Variability and Change/Modeling, Communications, Ecosystems, Financial Operations, Human Contributions and Responses/Decision Support, International Research and Cooperation, Land Use/Land-Cover Change, Observations, Subgroup on Observations Data and Information Systems, and Water Cycle.

The members of the IWGs are listed in the enclosure.

IWGs (listed above) of program managers who have budget authority within their agencies to implement programs oversee development of integrated science and implementation plans for each of the CCSP IWGs. IWG members may also include agency scientists that address subjects covered by the IWGs (or in some cases, they are also the individual with budget authority). The members are submitted by individual agencies through a process unique to each agency.

IWGs commission preparation of science plans to provide overall guidance for the research, observations, and modeling needed to achieve program goals. IWGs themselves prepare implementation plans for the research program elements, which provide performance objectives. The implementation plans describe the priority scientific programs necessary to meet goals, the roles of the participating agencies, and joint agency initiatives, where needed. The plans also provide generalized timelines and budget estimates for the investments necessary to carry out the activities, noting any critical dependencies. The implementation plans also include priorities for the observations and/or observing systems necessary to meet the goals of the research as well as critical modeling efforts and/or information management issues. They also prepare relevant chapters to the annual publication, *Our Changing Planet*.

With best regards,

A handwritten signature in cursive script that reads "James R. Mahoney".

James R. Mahoney, Ph.D.
Assistant Secretary of Commerce for
Oceans and Atmosphere, and
Director, Climate Change Science Program

Enclosure