Integrated Assessment of Climate Change Includes Economics

The U.S. Department of Energy (DOE), Integrated Assessment of Climate Change Research Program funds research that contributes to integrated assessment of climate change, and in particular, research to develop and improve methods and tools that focus on specialized topics of importance to integrated assessments. The program supports research that evaluates the economic costs and predicted responses to options that would mitigate the long-term increase in carbon dioxide and other greenhouse gases.

Priority research topics include: (1) Technology Innovation and Diffusion--research to improve the ability of integrated assessment models to represent technological changes as a function of variables that are determined by the model rather than postulated as static input to the model are of particular interests; and

(2) Evaluation of Scenarios Used to Drive Integrated Assessment Models--various possible directions for future development used as input is detailed in the Special Report on Emission Scenarios which can be found on the Web at: http://www.ipcc.ch/pub/reports.htm#sprep. These scenarios describe various possible directions for future development and are used as input in the assessment models. The scenarios include projections of economic growth, population dynamics and technology development that vary by time and locale.

Methodology and Measurement in the Behavioral and Social Sciences

NIH invites research on methodology and measurement in the behavioral and social sciences. This program encourages research that will improve the quality and scientific power of data collected in the behavioral and social sciences, relevant to the missions of the NIH Institutes and Centers.

This program announcement encourages applications in four general areas of methodology and measurement research in the social and behavioral sciences. These areas, discussed in detail in the program announcement, include the processes that underlie research design, data collection techniques, measurement and data analysis techniques. Applicants are strongly encouraged to contact the appropriate program that most closely matches their research focus to determine interest in the research topic.

Deadline(s): June 1, October 1, February 1 each year through February 1, 2005

Research or Forums on Approaches to Improve Effectiveness of Government

PricewaterhouseCoopers Endowment for the Business of Government grants are awarded to examine new approaches to improving the effectiveness of government at all levels. Proposals are accepted for both research and Thought Leadership Forums on one of the following topics: (1) E-Government; (2) Financial Management; (3) Human Capital; (4) Managing for Results; (5) New Ways to Manage; and (6) Transforming Organizations.
Research grants are for $15,000. Grantees produce a 30-40 page research report on one of the topic areas noted above. Organizations receiving grants for Thought Leadership Forums are responsible for designing, implementing and hosting a two- to three-day forum bringing together 25-30 participants in an appropriate setting for an executive conference. Forum grants are for $25,000.

Previous research grants include: Evaluating Public Private Partnerships, RAND Graduate School; and Financial Risk Management in the Federal Government: Overview, Practice and Recommendations, University of Texas at Arlington, Department of Finance and Real Estate.

Deadline(s): June 28 or October 31, 2002, and February 28, 2003

Research on Lodging Industry

The American Hotel and Lodging Foundation serves the lodging industry by supporting educational and research projects, the results of which are of benefit to the operation of lodging facilities. Subject areas of interest include: management and conservation of natural resources; public safety and security issues; career awareness; impact of developing industry trends; study of challenges currently being experienced by the industry; professional advancement and personal development; methods of advancing technological innovation; innovative use of organizational development (effective management practices and efficient use of workforce); and programs focusing on diversity in the lodging industry.

A total of $180,000 is allocated for research grants in 2002. Previous awards include: Development of a Marketing Framework to Increase Sales on the Internet for Lodging Properties, Iowa State University; and Quantifying the Condominium Segment of the Hospitality Industry, California State Polytechnic University.

Grants range from $1,000 to $75,000.
Deadline(s): September 1, March 1.

Planning and Control of Operations in Manufacturing Enterprises

Formerly called the Production Systems Program, NSF’s Manufacturing Enterprise Systems (MES) program addresses focused research on design, planning and control of operations in manufacturing enterprises, from shop floors to the associated procurement and distribution supply chains. Among the categories of research supported are the following:

1. Tools for planning and scheduling of manufacturing and distribution operations including those in extended, spatially distributed enterprises with diverse management, and those offering make-to-order products in environments such as e-commerce.

2. Methods for evaluation, comparison, and optimization of designs for manufacturing systems and facilities, especially in the presence of massive uncertainty and risk about the target operating environment.

3. Systems for design, planning and control of procurement and distribution supply chains, including those in extended enterprises with diverse management. Among topics are size and positioning of inventories, tools for intermediation such as e-markets and auctions, et al.


5. Methods for personnel planning in manufacturing and distribution operations control, including novel systems for staff assignment and cross-training.

MES research typically is performed with the guidance or collaboration of appropriate industrial partners to validate the impact of the results on the intended application. The program does jointly fund some projects with other programs such as Decision, Risk and Management Science.

Deadline(s): October 1, February 1