

DEPARTMENT OF ENERGY

CHARTER

CLIMATE CHANGE SCIENCE PROGRAM PRODUCT DEVELOPMENT  
ADVISORY COMMITTEE

1. Committee's Official Designation:

Climate Change Science Program Product Development Advisory Committee  
(CPDAC)

2. Committee's Objectives and Scope of Activities and Duties:

- (a) The CPDAC will draft specific Climate Change Science Program (CCSP) Synthesis and Assessment Products at the request of the Department of Energy in accordance with the CCSP Guidelines for Producing the CCSP Synthesis and Assessment Products.
- (b) The CPDAC will update the Department of Energy on progress toward completion of the products and CPDAC will agree upon the contents of the products before advising the Department of Energy to adopt the language.
- (c) The CPDAC will comply with the Department of Energy's Information Quality Act guidelines in the development of the CCSP Synthesis and Assessment Products.

3. Time Period Necessary for the Committee to Carry Out Its Purpose:

The CPDAC will require approximately two years from the filing of this charter to carry out its purpose.

4. Official to Whom This Committee Reports:

The Committee reports to the Director, Office of Science.

5. Agency Responsible for Providing Necessary Support for This Committee:

The Department of Energy, within the Department, primary support shall be furnished by the Office of Science.

6. Description of Duties for Which the Committee is Responsible:

The duties of the Committee are solely advisory and are stated in paragraph 2, above.

- (b) Members shall be experts in pertinent fields such as: climate modeling, including uses of climate models, climate model sensitivity, feedbacks, and uncertainties; and scenarios of greenhouse gas emissions and concentrations, including their application.
- (c) Approximate number of Committee members: 30.
- (d) Each member shall be appointed for a term of 2 years, and will serve at the discretion of the Secretary. Should the Department undertake additional CCSP products, appointments are renewable if the member has expertise in fields relevant to the additional specified CCSP Synthesis and Assessment Products undertaken by the Department of Energy.
- (e) The Committee members will include full-time non Federal experts who will be appointed as special Government employees, and may include full-time Federal officials.
- (f) Members will be selected with a view toward achieving a balanced representation in members' expertise and scientific views and representation of organizations with interests in the products provided by the Committee, should the Committee's tasks require such representation.

12. Chairperson:

The Chairperson shall be chosen by the Secretary of Energy.

This Charter for the Advisory Committee named above is hereby approved on:

FEB 1 4 2006

Date



James N. Solit  
Advisory Committee Management Officer

FEB 1 4 2006

Date Filed

7. Estimated Annual Operating Costs in Dollars and Staff Years:

\$150,000; one-half staff year

8. Estimated Number and Frequency of Meetings:

The committee will meet at the call of the Designated Federal Officer, approximately twice a year.

9. Committee's Termination Date (If less than two years from date of establishment or renewal):

Not applicable.

10. Subcommittee(s):

To facilitate the functioning of the CPDAC, two subcommittees will be formed. The objective of one subcommittee is to draft an assessment report of climate models, their uses, limitations, sensitivity, feedbacks, and uncertainties.

The objective of the second subcommittee is to draft two reports, one that provides updated scenarios of greenhouse gas emissions and concentrations. This report will include: (1) a summary of the scenarios for interested non-specialists; (2) documentation and discussion of the scenarios; and (3) information about the integrated assessment models used to generate the scenarios, including pertinent, aggregate-level, numerical information reported consistently across all scenarios and associated "reference" cases, such as for example, emissions trajectories, energy contributions over time, and population trajectories.

The second report of this second subcommittee is to be a state-of-the-art review of the development and application of integrated scenarios of greenhouse gas emissions. The report will review and evaluate how the science and stakeholder communities define, develop, implement, and communicate scenarios in the global climate change context, and how this process might be enhanced or improved. It will include a review of past scenario development and application efforts.

All subcommittee members must be members of the full committee. Subcommittee meetings will comply with the open meeting and notice provisions of the Federal Advisory Committee Act.

11. Members:

- (a) Committee members shall be appointed by the Secretary of Energy.