

## Peer Review Plan for a NCEA Scientific or Technical Work Product

**NCEA Product Title:** Synthesis and Assessment Product 4.6: Analyses of the Effects of Global Change on Human Health and Welfare and Human Systems

**Principal Investigator/Chemical Manager:** Janet Gamble

**Peer Review Leader:** Janet Gamble

X **This is a proposed plan for:** (Check all that apply)

- X Internal Review
- X External Review
- G Agency Review
- G Public Availability

X **ORD Peer Review Category according to the ORD Standard Operating Procedures for Peer Review:** (Check only one)

- X 1 Major product - directly supports Agency rule-making, enforcement, regulatory, or policy decisions. Includes products of significant national interest.
- G 2 Important product - has high programmatic relevance and is expected to provide complementary support to Agency rule-making, regulatory, or policy decisions.
- G 3 Demonstration of proof of concept or methods papers that will be submitted to peer reviewed journals.
- G 4 Basic, exploratory, or conceptual work. Includes internal agency reports, abstracts, posters and presentation materials.

X **OMB Peer Review Category:** (Check only one)

*The White House Office of Management and Budget (OMB) issued final guidance on December 17, 2004, on peer reviews of scientific information by federal agencies. The Final Information Quality Bulletin for Peer Review encourages peer review of important scientific information to be peer reviewed before the information is disseminated by the federal government. The Bulletin broadly defines scientific information to include factual inputs, data, models, analyses, technical information, or scientific assessments. OMB categories:*

- X Highly Influential Scientific or Technical Assessment  
(The assessment could affect the public or private sector by more than \$500)

million in any one year or which are novel, controversial, or precedent-setting, are of significant interest to more than one agency, or has a cancer component.)

G Influential Scientific Information Product

(Information the agency reasonably can determine will have or does have a clear and substantial impact on important public policies or private sector decisions.)

G Other

**Document Summary** [provide brief descriptions]

**Product Description:**

This product will be a report produced under the auspices of the United States Climate Change Science Program (CCSP). The report is one of 21 synthesis and assessment products (SAPs) called for in the Strategic Plan of the CCSP to support policy making and adaptive management across the range of issues addressed by the CCSP.

**Purpose:** The purpose of this report is to analyze the effects of global change, especially climate variability and change and land use change, on human health, human welfare, and human settlements in the United States.

**Intended Audience:**

The primary audiences for this report are the public health community and urban planners and resource managers at the federal, state, and local level, non-governmental organizations, and others involved in protecting human populations from the effects of global change and maximizing opportunities for adaptation. The report will inform public health managers and urban planners and resource managers on the types of decisions that are sensitive to climate change and land use change, the types of adaptation options available for supporting resilience to climate change and land use change, the methods for evaluating the effectiveness of adaptation options, and approaches for applying adaptation options to their particular issues. Scientists, public health practitioners, engineers and other technical specialists will be able to use the information in this report to set priorities for future research and to identify decision support needs and opportunities. This report will also support government agencies at the federal, state and local level in the development of policy decisions that promote adaptation and increase society's adaptive capacity for human health, human welfare, and human settlements.

**Peer Review Plan**

[Check boxes that apply. See NCEA's Peer Review and Clearance Policy for guidance. If you

do not have specific information and enter @TBD,@ you will need to update the plan at a later date and submit the updated plan to the peer review coordinator]

X **Peer Consultation** - Internal Review Draft to be reviewed:

X within NCEA  
[List proposed NCEA peer consultants or mark TBD]:

Michael Slimak, Anne Grambsch, John Thomas, Chris Weaver, Rebecca Romsdahl, Chris Pyke

X with EPA staff outside of NCEA  
[List proposed EPA peer consultants and Office affiliation or mark TBD]:

TBD

G with EPA workgroup that includes EPA stakeholders  
[List proposed peer consultants and affiliation or mark TBD]:

X **Internal/Agency Review** - Internal Review Draft to be reviewed by:

X Internal letter peer review by independent experts within ORD, EPA Program Offices and EPA Regions:

[List proposed EPA reviewers and EPA affiliation or mark TBD]:

\_\_\_\_\_TBD\_\_\_\_\_

G standard IRIS Agency Review / Consensus Review of draft health assessments

G independent group/ad hoc panel from within EPA

[List proposed group or panel of EPA reviewers and affiliation or mark TBD]

\_\_\_\_\_

Other:

Comment: \_\_\_\_\_

X **External Review**

Peer Review Mechanism/Rationale: [Panel or Letter]

Panel

**External Review Draft to be reviewed by:**

- G mail out (letter) review by independent experts (minimum of three)
- G mail out (letter) review by independent experts (minimum of three) with teleconference
- G independent expert(s)/group(s)/ad hoc panel meeting (in person)
- G independent expert(s)/group(s)/ad hoc panel meeting (by teleconference)
- G EPA-sponsored peer review workshop
- X EPA-based Federal Advisory Committee
- G EPA Science Advisory Board
- G Interagency committee
- G Committee of another agency
- G National Academy of Sciences/National Research Council
- G Non EPA-based group \_\_\_\_\_
- G Other \_\_\_\_\_

X **Public Availability and Public Comments**

G **Public View** - The availability of an External Review Draft will be announced in the *Federal Register* for public view.

X **Opportunity for Public Comment/Public Comment Period** - Request for public comment will be announced in the Federal Register for a comment period of **45** days.

G **View Public Comments** - Peer review comments will be made available for viewing on the Agency's electronic docket system before reviewers conduct their review.

X **Public Comment will be allowed to be presented at the panel review**

X **Selection of Peer Reviewers (Applicable to Panel Reviews Only)**

X **Who will select the Peer Reviewers?**

- G **Contractors**
- X **EPA**
- G **EPA Science Advisory Board**
- G **FACA**
- G **Committee of another agency**
- G **National Academy of Sciences/National Research Council**
- G **Outside Organization/Other** \_\_\_\_\_

X **Will the public, including scientific or professional societies be asked to nominate peer reviewers?**

- G No
- X Yes

X **Number of External Peer Reviewers**

- G 3 or fewer
- X 4 to10
- G More than 10
- G Other \_\_\_\_\_

X **Primary Disciplines Needed in the Peer Review:**

Public health practitioners, economists, sociologists, political scientists, urban planners, resource managers (land and water), ecologists, geographers, emergency management practitioners

G **Number of peer reviewers recommended by professional societies:**

\_\_\_\_\_

G Was a peer reviewer appointed pursuant to an exception to the independence or conflict of interest standards? *(Update after the panel selection if applicable)*

\_\_\_\_\_

X **Time Line** [Provide Projected Dates, Month/Year or Quarter/Year]

2<sup>nd</sup> Q/2006 - Prospectus posted on the CCSP web site for public comment (30 days)

2<sup>nd</sup> Q/2006 - Final (revised) prospectus posted on the CCSP web site

2<sup>nd</sup> Q/2006 - Author teams begin preparation of draft report

1<sup>st</sup> Q/2007 - EPA completes the first draft report, it is released publicly (45 day review period) and submitted to FACA review panel

2<sup>nd</sup> Q/2007 - FACA review panel meets to consider first draft

3<sup>rd</sup> Q/2007 - EPA completes response to review panel and public comments and prepares second draft. This second draft is submitted to FACA review panel and made available to the public along with the documentation of the disposition of comments

4<sup>th</sup> Q/2007 - FACA review panel meets to consider second draft

4<sup>th</sup> Q/2007 - EPA completes response to review panel and prepares third (final) draft to submit to CCSP and NSTC

**For IRIS products complete this section OR insert a printed schedule from IRIS Track and check the box below.**

G **Internal Review Draft will be available for review:** \_\_\_\_\_

G **External Review Draft will be available for review:** \_\_\_\_\_

- G External Review comments due by: \_\_\_\_\_
- G Final Draft will be completed by: \_\_\_\_\_
- G See attached IRIS Track Schedule

G **Briefings:** (include **projected Month/Year or Quarter/Year**, if possible) **TBD**

- G **Center Director** When: \_\_\_\_\_
- G **ORD Administrator** When: \_\_\_\_\_
- G **EPA Administrator** When: \_\_\_\_\_
- G **Other** \_\_\_\_\_ When: \_\_\_\_\_

## Peer Review Plan for a NCEA Scientific or Technical Work Product

*All signatures must appear on a single page and include: product title, plan date, and originator.*

**NCEA Product Title:** Synthesis and Assessment Product 4.6: Analyses of the Effects of Global Change on Human Health and Welfare and Human Systems

**Principal Investigator/Chemical Manager:** Janet L. Gamble, Ph.D.

**Plan Date:** February 24, 2006

**Note: If major changes are made to this plan, a revised plan must be submitted for approval.**(ie. change in Peer Review Mechanism or public vs. non-public review)

<b>Team Leader or Branch Chief (Optional)</b>	<b>Date</b>	<b>Concur</b>	<b>Non-Concur</b>
<b>Anne Grambsch, Acting Staff Director</b>	<b>Date</b>	<b>Concur</b>	<b>Non-Concur</b>
<b>IRIS Staff Director (For IRIS assessments only)</b>	<b>Date</b>	<b>Concur</b>	<b>Non-Concur</b>
<b>Michael Slimak, Assoc. Director for Ecology</b>	<b>Date</b>	<b>Concur</b>	<b>Non-Concur</b>
<b>Cheryl Itkin, NCEA, Peer Review Coordinator</b>	<b>Date</b>	<b>Concur</b>	<b>Non-Concur</b>
<b>George Alapas NCEA, Deputy Director</b>	<b>Date</b>	<b>Approve</b>	<b>Disapprove</b>

\* Send all proposed plans to Cheryl Itkin, NCEA Peer Review Coordinator, after the Division Director/Staff Director has signed the proposed plan.

By EPA Pouchmail  
Cheryl Itkin  
EPA/ORD/NCEA  
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Washington, DC 20460