

**Environmental Protection Agency
Annual Peer Review Report
Fiscal Year 2010 (October 1, 2009 – September 30, 2010)**

Purpose

This annual report is a requirement under the Office of Management and Budget's (OMB) Final Information Quality Bulletin for Peer Review. The report provides information for peer reviews that EPA conducted in Fiscal Year (FY) 2010 that were subject to reporting under the Bulletin. This report contains up-to-date information as of the date of the report.

Background

EPA

On December 16, 2004, OMB issued its Final Information Quality Bulletin for Peer Review. This Bulletin asks all federal agencies to submit an annual report to OMB's Office of Information and Regulatory Affairs providing information on peer reviews that were subject to the Bulletin and conducted during the previous fiscal year. The Bulletin establishes minimum peer review provisions for all non-exempt "influential scientific information" and "highly influential scientific assessments." The Bulletin defines "influential scientific information" as "scientific information the agency reasonably can determine will have or does have a clear and substantial impact on important public policies or private sector decisions." A scientific assessment is an evaluation of a body of scientific or technical knowledge that typically synthesizes multiple factual inputs, data, models, assumptions, and/or applies best professional judgment to bridge uncertainties in the available information. The Bulletin considers a "scientific assessment" to be "highly influential" if the agency or OMB determines that the dissemination could have a potential impact of more than \$500 million in any one year on either the public or private sector, or that the dissemination is novel, controversial, precedent-setting, or has significant interagency interest.

For the purposes of this report, a peer review was considered completed if the reviewers' final comments were received during FY10, regardless of whether the Agency has completed the response to the comments or incorporated revisions based on the comments into the final product. This report includes the peer reviews identified by the EPA offices as having met the Bulletin's definitions for "influential scientific information" and "highly influential scientific assessments".

More information on the Bulletin can be found at

<http://www.whitehouse.gov/omb/memoranda/fy2005/m05-03.pdf> and in the EPA's *Peer Review Handbook, 3rd Edition* at <http://www.epa.gov/peerreview/>.

I. Summary Page for Department (if Applicable) (Section I is not applicable.)

II. Agency Report

GENERAL INFORMATION

Agency U.S. Environmental Protection Agency

Agency Contact for Implementation of the Peer Review Bulletin

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URL for Agency's Peer Review Agenda http://cfpub.epa.gov/si/si_public_pr_agenda.cfm

What pathway(s) can a member of the public use to find the Agency's peer review agenda if she/he did not have this URL?

- Link from Departmental or Agency home page – Link to Peer Review home page (<http://www.epa.gov/peerreview/>), which then links to Peer Review Agenda
- Link from Information Quality home page – Yes
<http://www.epa.gov/quality/informationguidelines/index.html>
- Link from science, research, or regulatory pages – Yes
 - Office of Research and Development/Office of Science Policy home page <http://www.epa.gov/osp/>
 - Science Inventory Home Page <http://cfpub.epa.gov/si/>
- Other (please describe) _____

Does the agenda provide links to peer review reports for all completed peer reviews?

Yes

INFORMATION ABOUT REVIEWS CONDUCTED

Number of peer reviews conducted subject to the Bulletin in FY 10.

Number of influential scientific information peer reviews (ISI) (not including highly influential scientific assessments): 24

List the title of each ISI. Indicate whether the Peer Review Report has been completed (Y/N) *add more lines as needed*

Office	Title	PR Report Completed
OAR/OTAQ	DEVELOPMENT OF HEAVY-DUTY VEHICLE EMISSION RATES FOR MOVES2009 MODEL	No
OAR/OTAQ	DEVELOPMENT OF EVAPORATIVE EMISSIONS CALCULATIONS FOR MOVES2009	No
OAR/OTAQ	STUDY OF VEHICLE CHOICE MODELS FOR ESTIMATING IMPACTS OF FUEL ECONOMY REGULATIONS	Yes
ORD/NCEA	PROJECT OVERVIEW: IRIS TOXICOLOGICAL FOR TRICHLOROACETIC ACID	Yes
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR CIS AND TRANS 1,2-DICHLOROETHYLENE	Yes
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR UREA (EXTERNAL REVIEW DRAFT)	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR POLYCYCLIC AROMATIC HYDROCARBON (PAH) MIXTURES	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR DICHLOROMETHANE	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR HEXACHLOROETHANE	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR DIOXIN	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR FORMALDEHYDE	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR INORGANIC ARSENIC (CANCER)	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR CHLOROPRENE	Yes
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR 1,1,2,2-TETRACHLOROETHANE	Yes
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR HYDROGEN CYANIDE	Yes
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR ETHYL-TERTIARY BUTYL ETHER (ETBE) (FIRST REVIEW)	Yes
ORD/NCEA	AN ASSESSMENT OF DECISION-MAKING PROCESSES: THE FEASIBILITY OF INCORPORATING CLIMATE CHANGE INFORMATION INTO LAND PROTECTION PLANNING (EXTERNAL REVIEW DRAFT)	Yes
ORD/NCEA	ICLUS V1.3 USER'S MANUAL: ARCGIS TOOLS AND DATASETS FOR MODELING US HOUSING DENSITY GROWTH (FINAL) 2010	Yes
ORD/NCEA	CADDIS (CASUAL ANALYSIS/DIAGNOSIS DECISION INFORMATION SYSTEM) 2010	Yes
ORD/NCEA	REVISED EXPOSURE FACTORS HANDBOOK (EXTERNAL REVIEW DRAFT)	Yes

Office	Title	PR Report Completed
ORD/NCEA	A FIELD-BASED AQUATIC LIFE BENCHMARK FOR CONDUCTIVITY IN CENTRAL APPALACHIAN STREAMS (EXTERNAL REVIEW DRAFT)	No
ORD/NCEA	THE EFFECTS OF MOUNTAINTOP MINES AND VALLEY FILLS ON AQUATIC ECOSYSTEMS OF THE CENTRAL APPALACHIAN COALFIELDS (EXTERNAL REVIEW DRAFT)	No
ORD/NCEA	NANOMATERIAL CASE STUDIES: NANOSCALE TITANIUM DIOXIDE IN WATER TREATMENT AND IN TOPICAL SUNSCREEN	No
ORD/NHEERL	CORAL REEF BIOLOGICAL CRITERIA: USING THE CLEAN WATER ACT TO PROTECT A NATIONAL TREASURE	No

Number of highly influential scientific assessments (HISA): 4

List the title of each HISA. Indicate whether the Peer Review Report has been Completed (Y/N) *add more lines as needed*

Office	Title	PR Report Completed
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW FOR TRICHLOROETHYLENE (TCE) (EXTERNAL REVIEW DRAFT)	No
ORD/NCEA	IRIS TOXICOLOGICAL REVIEW OF TETRACHLOROETHYLENE (PERCHLOROETHYLENE) (EXTERNAL REVIEW DRAFT)	Yes
ORD/NCEA	INTEGRATED SCIENCE ASSESSMENT FOR PARTICULATE MATTER	Yes
ORD/NCEA	INTEGRATED SCIENCE ASSESSMENT FOR CARBON MONOXIDE	Yes

Provide the titles of ISIs and HISAs for which Waivers (W), Deferrals (D), or Exemptions (E) were invoked or Alternative Procedures used (A). *If deferral is marked, please indicate the duration of the deferral.*

No waivers, deferrals, or exemptions were invoked.

Number of peer reviews that included at least one peer reviewer appointed pursuant to any exception to the applicable independence or conflict of interest standards of the Bulletin, including determinations by the Secretary or Deputy Secretary pursuant to Section III (3) (c)? 0

Number of peer review panels that held public meetings:

Number of ISIs (not including highly influential scientific assessments): 16

Number of HISAs: 4

Number of peer review panels that allowed public comment:

Number of ISIs (not including highly influential scientific assessments): 19

Number of HISAs: 4

Number of public comments provided on the agency's peer review plans during FY 10, regardless of whether the peer review was actually completed during FY 10: 0

Number of times agency specifically solicited peer reviewer nominations from professional societies. 3*

If such nominations were solicited, were any recommendations provided? No

*Nominations were solicited from the public, including professional societies.