

Integrated Environmental Modeling and Monitoring Working Group

Description: A group to continue and strengthen a framework for facilitating cooperation and coordination among Federal agencies in research and development of multimedia environmental models, software and related databases.

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The Interagency Steering Committee on Multimedia Environmental Modeling (ISCMEM) is a U.S. federal government group chartered through a [Memorandum of Understanding](#) that includes six federal agencies. The purpose of ISCMEM is to continue and strengthen a framework for facilitating cooperation and coordination among Federal agencies in research and development of multimedia environmental models, software and related databases. Multimedia model development and simulation supports interagency interests in risk assessment, uncertainty analyses, water supply issues, and contaminant transport.

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Participating Agencies

U.S. Nuclear Regulatory Commission, Office of Nuclear Regulatory Research

U.S. Department of Defense, Army Corps of Engineers, Engineer Research and Development Center

U.S. Department of Energy, Office of Environmental Management

U.S. Department of the Interior, U.S. Geological Survey

U.S. Environmental Protection Agency, Office of Research and Development

National Science Foundation, Geoscience Directorate

ISCMEM Public Meetings

2016 Meeting: Dec 14, National Science Foundation, Washington, DC. *Theme: Interagency Collaboration for Modelling and Monitoring*

2015 Meeting: Davis, CA *Theme: Environmental Modeling for Complex Decision Analysis*

2014 Meeting: Baltimore, MD *Theme: Environmental Modeling in the Chesapeake Bay Watershed and Receiving Waters*

Workgroups

Watershed Modeling

Data Assimilation - [Webinar on Big Data and Data Assimilation: Kumar Presentation, Schaeffer Presentation](#)

Integrated Modeling and Monitoring

Ecosystem Functions and Services

Links

[International Environmental Modelling & Software Society \(IEMSS\)](#)

[International Society for Ecological Modelling \(ISEM\)](#)

Resources



ML13281A407_20...Fact_Sheet.pdf



ISCMEM MOU 2016 - signed.pdf