Interagency Collaborative for Environmental Modeling and Monitoring

**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.

**Point Of Contact:** Pierre Glynn, pglynn@usgs.gov

The Interagency Collaborative for Environmental Modeling and Monitoring (ICEMM) is a U.S. federal government group chartered through a Memorandum of Understanding that includes six federal agencies. The purpose of ICEMM 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.

**Contact:** Pierre Glynn, pglynn@usgs.gov

**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. Environmental Protection Agency, Office of Research and Development
- National Science Foundation, Geoscience Directorate

**ICEMM Public Meetings**

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**Agenda. Abstracts and Biographical Information. Description of the meeting.** Please contact Pierre Glynn by email (pglynn@usgs.gov) for further information or questions.

**March 17 presentations/links:**

- Welcome (Geoff Plumlee, USGS)
- **ICEMM 2020 Meeting:** Background, Meeting Aims, and Defining Poems (USGS, Pierre Glynn);

**March 18 presentations/links:**


Working Group Presentations:

WG2 presentation on Data Assimilation, Uncertainty Assessment and Environmental Model Confirmation (Tom Nicholson, USNRC).

WG3 presentation on Ecosystem Services and Functions (Ken Bagstad, USGS; Pat Deliman, USACE; Brenda Rashleigh, EPA).


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2018 Meeting: Rockville, MD, Theme: Monitoring and Modeling Data Fusion


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2016 Meeting: Washington, DC. Theme: Interagency Collaboration for Modelling and Monitoring

Presentations: EPA, DOE, ACE, NRC, USGS, Water Modeling Workgroup, Data Assimilation Workgroup, Integrated Modeling and Monitoring Workgroup

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

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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

Minutes of ICEMM Calls


Links & Upcoming Conferences

International Environmental Modelling & Software Society (IEMSS) – Conference 24-28 June 2018, Fort Collins, Colorado USA

International Society for Ecological Modelling (ISEM) – Conference 27-21 September 2017, Jeju, Korea

Resources