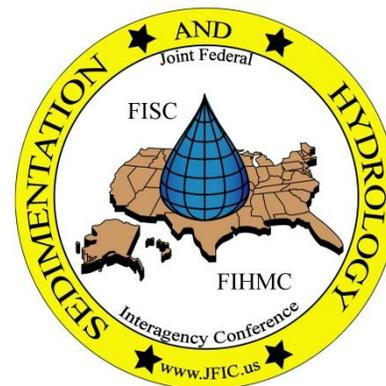


SEDHYD 2014 Joint Conference

10th Federal Interagency Sedimentation Conference *and* 5th Federal Interagency Hydrologic Modeling Conference

March 23 – 27, 2014
Peppermill Hotel, Reno, Nevada



CALL FOR PAPERS

Abstracts due March 15, 2013

THEME: *Sustainable Water Resources in a Changing Environment*

BACKGROUND: The first Federal Interagency Sedimentation Conference (FISC) was held in 1947, and the first of the Federal Interagency Hydrologic Modeling Conferences (FIHMC) was held in 1998. Because these two conferences had similar and overlapping content and participants, they were combined, and the First Joint Federal Interagency Conference (JFIC) was held in Reno, NV, in 2006. This first joint conference was highly successful, and a second was held in Las Vegas, NV, in 2010. More than 2,500 papers have been published in the proceedings for these two conferences. The joint SEDHYD 2014 Conference will again bring together Federal and non-Federal scientists, engineers, and managers from various natural resources disciplines. Papers will include recent accomplishments and progress in research, technical developments in the physical, chemical, and biological aspects of sedimentation, and the development and use of computer models addressing issues of surface water quality and quantity, and sediment transport. The conference will consist of mixed formats including formal presentations, poster sessions, mini-workshops and model demonstrations. A competition for the best student paper is also planned.

TOPICS: Conference planners anticipate about 270 papers, 100 posters, and computer model demonstrations. Papers should incorporate results of recent research, technology development, and/or applications and case studies on the following subjects. Other Sedimentation and Hydrologic Modeling related topics of importance may be selected as well.

Subthemes	10 th FISC TOPICS	Subthemes	5 th FIHMC TOPICS
<i>Innovation in Measurement, Management, and Prediction of Sediment in Water and Watersheds</i>	<p>Surrogates of Sediment: Acoustic, Optical, Chemical, Radiological, etc.</p> <p>Dam Removal /Rehabilitation</p> <p>Fluvial Geomorphology</p> <p>Gully Erosion</p>	<i>Adaptive Management</i>	<p>Alluvial Fans: Hydrology, Hydraulics, and Sediment Aspects</p> <p>Aquatic Ecosystem Modeling</p> <p>Climate Change, Variability, and Impact</p> <p>Environmental River Management</p> <p>Flood Hydrology</p>
<i>Dam Removal, Dam Rehabilitation, and Stream Restoration</i>	<p>Physical Measurement and Monitoring of Sediment Characteristics</p> <p>Regional Watershed Sediment Mgt.</p> <p>Remote Sensing</p>	<i>Climate Variability and Its Impact on Water Resources Management</i>	<p>GIS Technology in Water Resources</p> <p>Hydroecological Modeling</p> <p>LID Model Development</p> <p>Management and Decision-Making Models</p>
<i>Climate Changes that Affect Erosion and Sedimentation Processes: Local, Regional, Global</i>	<p>Reservoir Sedimentation and Sustainability</p> <p>Sediment Impacts on Wildlife and Habitat</p> <p>Sediment Yield and Transport Modeling</p> <p>Stream Restoration</p> <p>Sediment Source Tracking, "Fingerprinting"</p>	<i>Quantity and Quality of Surface Water - Groundwater Interaction</i>	<p>Modeling of Major River Systems</p> <p>Modeling of Water Quality Transport</p> <p>Restoring and Sustaining River Environments</p> <p>SW/GW Interaction Models</p> <p>Water Supply and Water Resources</p> <p>Innovation in Hydrologic Data Measurements</p>
		<i>Roles of Models in Water Resources Management and Decision Making</i>	

 **FIELD TRIPS and SHORT COURSES** are planned to be held both before and after the conference.

SEDHYD 2014: Sustainable Water Resources in a Changing Environment

- ❑ Preference will be given to papers and posters that address the theme of the conference and directly support the responsibilities and missions of the Subcommittees on Sedimentation and Hydrology of the Federal Advisory Committee on Water Information.
- ❑ Authors wishing to present papers, posters, and/or participate in the computer modeling demonstration session are requested to submit an abstract of not more than 500 words. If you wish your work to be considered for the FISC, send the abstract to Marie Marshall Garsjo (garsjosedhyd@gmail.com); for the FIHMC, send the abstract to Claudia Hoeft (claudia.hoeft@wdc.usda.gov). Abstracts are to be submitted by email (as message text only, no attached file). Please provide complete contact information, including email address.
- ❑ Abstracts are due by March 15, 2013. Indicate the topic area; whether the paper will be presented orally or as a poster; or if it is to be part of the computer modeling demonstration session. Current students, and students who graduated as recently as Spring or Summer 2013, are eligible for the student paper competition.
- ❑ Authors will be notified of their selection and provided with format instructions for preparing technical papers and posters by July 1, 2013. Papers are due for review by September 1, 2013.
- ❑ A notice of final acceptance of papers will be provided to authors by October 21, 2013. Final papers are due November 21, 2013.
- ❑ Authors are responsible for getting their papers cleared and approved by their agencies and organizations prior to submission. Authors will be required to sign a clearance for publication. Joint Conference abstracts will be printed and available at the conference. Full conference proceedings will be provided in digital format to registrants. **Presenters must register for the conference, and papers must be presented at the conference to be included in the proceedings.**

Conference and Exhibit Information <http://www.jfic.us>

CONFERENCE

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EXHIBITS

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10TH FISC ABSTRACTS

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5TH FIHMC ABSTRACTS

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BECOME AN EXHIBITOR: Exhibitors are being solicited in the following areas: surface-water discharge, sediment, and water-quality data collection; recording and analysis equipment and software; laboratory equipment; erosion control products; computer hardware and software for collection, distribution, and/or analysis of hydrologic data; surveying equipment, both for ground surface and underwater use; computer models related to sedimentation and hydrology; and any other related equipment, services, or organizations, including professional societies, related to the theme of the Joint Conference. The Joint Conference provides exhibitors opportunities to meet directly with scientists, practicing engineers and environmental specialists, and researchers. Contact Doug Glysson (gglysson@usgs.gov) for more information.

WHO SHOULD ATTEND: Federal, state, and local agency personnel, consultants, researchers, equipment manufacturers, and service suppliers associated with hydrologic, hydraulic, sediment transport, or non-point source pollution modeling; and those involved in water-resources, water-supply, or water-conservation assessment or management.

ORGANIZING COMMITTEE

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