Joint
9th Federal Interagency Sedimentation Conference
And
4th Federal Interagency Hydrologic Modeling Conference

June 27 – July 1, 2010

Riviera Hotel, Las Vegas, Nevada

CALL FOR PAPERS

Abstracts due July 1, 2009

THEME: Hydrology & Sedimentation for a Changing Future: Existing and Emerging Issues

BACKGROUND: The Federal Interagency Sedimentation Conferences (FISC) began in 1947, and the Federal Interagency Hydrologic Modeling Conferences (FIHMC) began in 1998. These highly successful conferences (including the First Joint Federal Interagency Conference (JFIC) held in Reno, NV in 2006), have produced over 2100 papers, and will again be held jointly in June of 2010. The JFIC will provide Federal and non-Federal scientists and managers from various disciplines the opportunity to discuss recent accomplishments and progress in research and on technical developments in the physical, chemical, and biological aspects of sedimentation and the development and use of models addressing surface water quality and quantity issues. The JIFC will follow a mixed set of formats including formal presentations, poster sessions, mini-workshops, and model demonstrations.

TOPICS: About 270 papers and 100 posters and computer model demonstrations, incorporating results of recent research and technology development and/or applications and case studies, will be solicited for presentation on the following subjects as well as additional Sediment and Hydrologic Modeling related topics:

Subthemes	TOPICS
Measurement, Management, and Prediction of Sediment in Water and Watersheds	**Dam Removal /Rehabilitation** **Fluvial Geomorphology** **Gully Erosion** **Instrumentation Monitoring** **Remote Sensing** **Reservoir Sedimentation**
Dam Removal, Dam Rehabilitation, and Stream Restoration	**Sediment Impacts on Wildlife and Habitat** **Sediment Surrogates and Sediment Research** **Sediment Yield and Transport Modeling**
Climate Changes that Affect Erosion and Sedimentation Processes: Local, Regional, Global	**Stream Restoration** **Turbidity/Sediment Sources** **Watershed Sediment Management**

Subthemes	TOPICS
Climate Variability and its Impact on Water Resources Management	**Hydroecological Modeling** **Environmental River Management** **Climate Variability/Impact** **Sustaining and Restoring River Environments**
Quantity and Quality of Surface Water - Ground Water Interaction	**SW/GW Interaction Models** **Flood Hydrology** **Water Supply and Water Resources** **Aquatic Ecosystem Modeling**
Roles of Models in Water Resources Management and Decision Making	**Modeling of Major River Systems** **LID Model Development** **Modeling Water Quality Transport** **GIS Technology in Water Resources** **Management and Decision Making Models**

FIELD TRIPS and SHORT COURSES are planned for before and after the conference.

Hydrology & Sedimentation for a Changing Future: Existing and Emerging Issues

- Papers and posters which address the theme of the Joint Conference and directly support the responsibilities and missions of the Member Originations of the Subcommittees on Sedimentation and Hydrology of the Federal Advisory Committee on Water Information will be given preference.
- Authors wishing to present papers, posters, and/or participate in the computer model 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 Jerry Webb (Jerry.W.Webb@hq02.usace.army.mil), or the FIHMC send to Don Woodword (dew7718@comcast.net). Abstracts are to be submitted by email (as message text only, no attached file).
- Abstracts are due by July 1, 2009. Indicate which topic area the paper is to be considered for, and whether it will be an oral or poster presentation, or be part of the computer model demonstration session.
- Authors will be notified of selection and provided with format instructions by August 1, 2009. Papers are due December 30, 2009.
- Final acceptance of papers will be provided to authors by January 30, 2010. Final camera ready papers are due March 1, 2010.
- Authors are responsible for obtaining clearance and approval of papers by their agencies and organizations prior to submission. Authors will be required to sign a clearance for publication. Joint Conference Proceedings will be printed and available at the start of the conference. Papers must be presented at the conference to be included in the proceedings.

Conference and Exhibit Information
http://www.jfic2010.org

CONFERENCE
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EXHIBITS
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9TH FISC ABSTRACTS
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4TH FIHMC ABSTRACTS
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EXHIBITS: An exhibit hall is planned. 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 land 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. Contact Joe Treadway (jbtread@usgs.gov) for more information.

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

ORGANIZING COMMITTEE
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Paula Makar, Joint Operations Chair; DOI-BOR, PO Box 25007, 86-68240, Denver CO 80225, 303/445-2555, pmakar@do.usbr.gov
Jerry Bernard, 9th FISC Chair; USDA-NRCS, PO Box 2890, Washington, DC 20013, 202/720-5356, jerry.bernard@wdc.usda.gov

Don Frevert, 4th FIHMC Chair; DOI-BOR, 2034 South Xenon Court, Lakewood, CO 80228 303/989-4270 dkfrevert@netzero.net