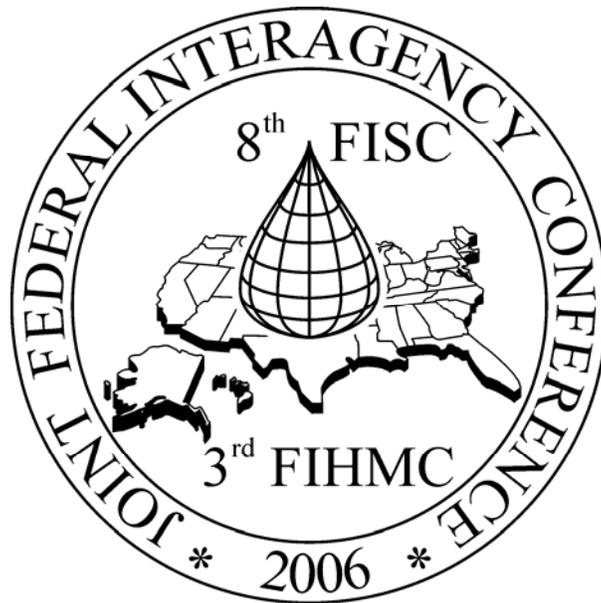


Proceedings of The

JOINT FEDERAL INTERAGENCY CONFERENCE

April 2–6, 2006
Reno, NV



Proceedings of the
3rd Federal Hydrologic Modeling
Conference

Proceedings of the
8th Federal Interagency
Sedimentation Conference

PREFACE

The Federal Interagency Sedimentation Conferences (FISC) began in 1947, and the Federal Interagency Hydrologic Modeling Conferences (FIHMC) began in 1998. These highly successful conferences, which together have produced over 1800 papers, were held jointly in April of 2006 under the theme “Interdisciplinary Solutions for Watershed Sustainability”. The objective of the Joint Conference is to provide Federal and non-Federal scientists and managers from various disciplines, the opportunity to discuss recent accomplishments and progress in research and 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 Joint Conference contains a mixed set of presentation formats, including formal oral presentations, poster sessions, mini-workshops, and model demonstrations.

The Subcommittee on Hydrology (SOH) held the Federal Interagency Workshop on Hydrologic Modeling Demands for the 90's in Fort Collins, Colorado in 1993. That highly successful workshop was limited to Federal participants. Subsequent to that Workshop, the SOH decided to hold a broader series of conferences and to open it to all interested parties. The First and Second Federal Interagency Hydrologic Modeling Conferences were held in 1998 and 2002 in Las Vegas, Nevada and covered models addressing surface water quality and quantity issues.

Federal Interagency Sedimentation Conferences were held in 1947, 1963, 1976, 1986, 1991, 1996, and 2001. As a continuation of these highly successful conferences, the 8th FISC again provides an interdisciplinary mix of scientists and managers from government agencies, academia, and the business community to make professional presentations on recent accomplishments and progress in research and on technical developments related to sedimentation processes and the impact of sediment on the environment.

The current Conference was held at the Silver Legacy Hotel and Casino in Reno, Nevada in April 2–6, 2006. About 260 papers and 80 posters and model demonstrations from the United States and several foreign countries, incorporating results of recent research and technology development and/or applications relating to surface water modeling, have been accepted for presentation and are included in these proceedings. These series of conferences have been regarded, and shall remain, one of the most important sources of references by researchers, engineers, managers, and policy makers in the fields of hydrology and sedimentation.

ORGANIZING COMMITTEE

Joint Federal Interagency Conference

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Francisco Simões, Proceedings Coordinator, US Geological Survey
Jeff Rieker, Registration Chair, US Bureau of Reclamation
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8th FISC

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3rd FIHMC

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US Geological Survey

FISC Member Organizations

Agricultural Research Service
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