



**Joint 9th FISC / 4th FIHMC**  
**Hydrology and Sedimentation for a**  
**Changing Future: Existing and**  
**Emerging Issues**

# 9<sup>th</sup> Federal Interagency Sedimentation Conference

- Held in 1947, 1963, 1976, 1986, 1991, 1996, 2001, 2006, and 2010
- Sponsored by the Subcommittee on Sedimentation
- All 8 previous conference proceedings are on line for free downloading at [http://water.usgs.gov/pubs/misc\\_reports/FISC\\_1947-2006/](http://water.usgs.gov/pubs/misc_reports/FISC_1947-2006/)

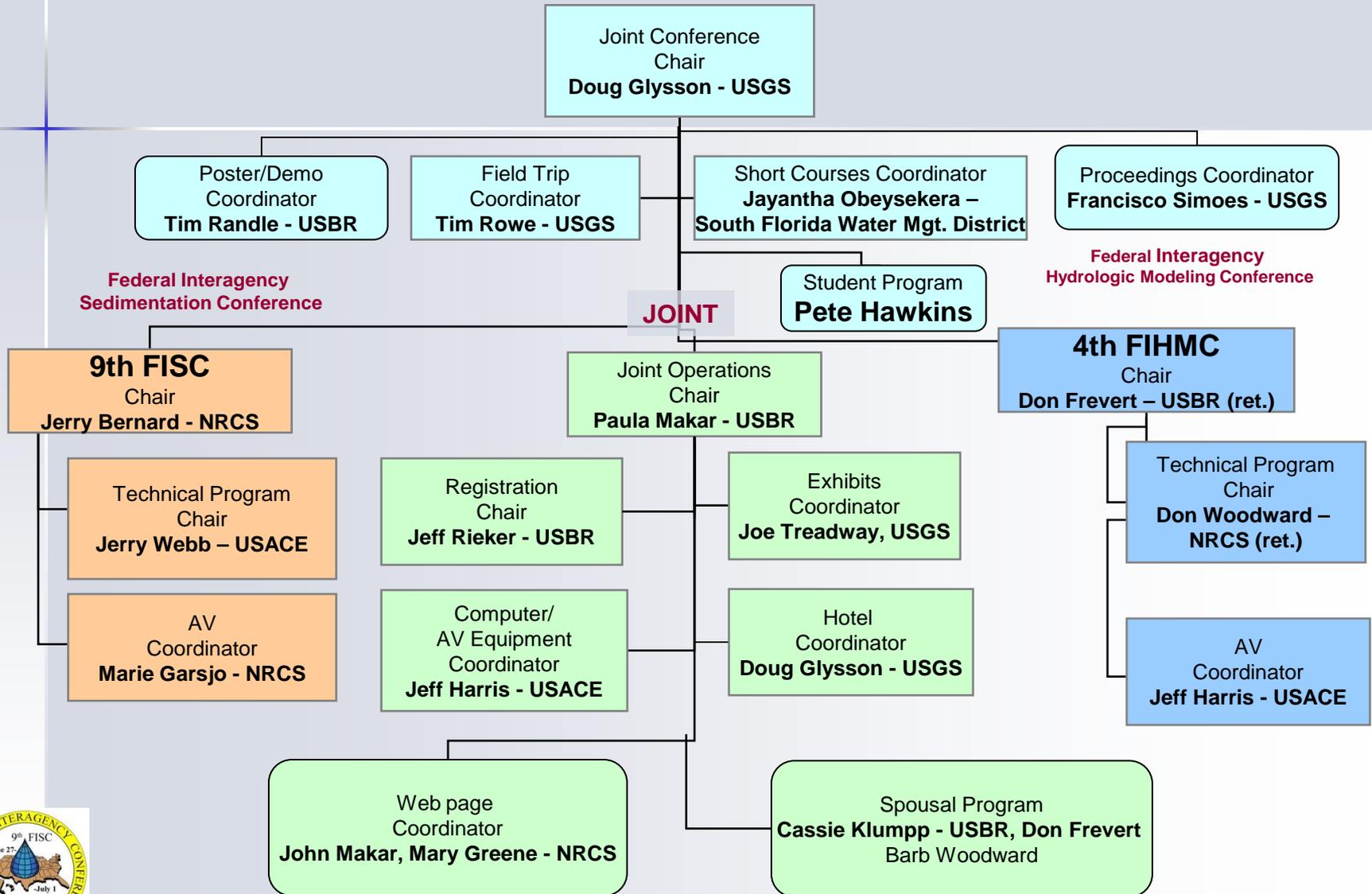


# 4<sup>th</sup> Federal Interagency Hydrologic Modeling Conference

- Federal Interagency Workshop on Hydrologic Modeling Demands for the 90's in Fort Collins, Colorado, in 1993
- Conferences were held in 1998, 2002, 2006, and 2010
- Conferences sponsored by SOH
- The previous 3 conferences' proceedings and the 1993 workshop can be downloaded free from  
<http://acwi.gov/hydrology/mtsconfwkshops/index.html>



# Planning Committee



# JFIC Activities

- Field Trips prior to the Conference
- Short Courses Sunday and Thursday
- Exhibits
- Student Program
- Technical Program
- Poster/Computer Modeling Demonstrations
- Conference Proceedings
- Spousal/Guest program



# Field Trips

- **Preconference Field Trip (Thursday, 6/24/10 to Sunday, 6/27/10). *The "Grand" Grand Canyon Tour (43)*** –
  - Hoover Dam
  - Grand Canyon National Park
  - Glen Cannon Dam
  - Float Trip on Colorado River
  - Zion National Park
- ***Hoover Dam and new Hoover Dam Bypass Project Bridge (28)***



# Short Courses (Sunday)

- ***Stream Restoration Design***
- ***SRH 2D*** (U.S. Bureau of Reclamation's two-dimensional hydraulic and sediment transport model-river hydraulics modeling)
- ***Curve Number Rainfall-Runoff: Professional Application.***
- ***Overview of Collection of Fluvial-Sediment Data.***



# Short Courses (Thursday)

- *Principles of Streambank Analysis and Stabilization*
- *Basic Principles and Data Needs of Sediment Transport Modeling*
- *EXCEL-LEnT Training for Water Managers*



# Exhibits

- The Exhibit Hall will contain about 33 booths and was open Sunday through Tuesday.
- Surface water, 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; hydrologic, sedimentation, climate variability/change, and decision support systems modeling firms;



# Student Program

- Travel Assistance (NSF)
- AV Assistants
- Special Poster Session (Monday evening)
- Paper (18) and Poster (17) Competition (NSF)
- Student Luncheon with SOS and SOH Agency presentations.



# Technical Program

- Opening Session
  - Keynote speakers
    - Blaine Leonard (Pres. ASCE)
    - Jerry Webb (USACE)
    - John Gray for Matt Larsen (USGS, Associate Dir. for Water)
- 6 Concurrent session
- 264 Oral Presentations
- 2 Poster Sessions



# Poster/Computer Modeling Demonstrations

- Wednesday 4:30 – 9:00 pm
- 14 computer-model demonstrations
- 34 posters, including sedimentation and hydrologic modeling



# Conference Proceedings

- Hardcopy booklet of abstracts
- CD
  - with papers of all oral presentations
  - with either paper or extended abstract of all poster and computer demo's
- Both available at the Conference
- Revised proceedings will be available for downloading after the Conference.



# SUMMARY

- 536 Total Attendance
- 43 Exhibitors
- 32 Students
- 71 Attended Field trips
- 118 Attended Short Courses





**More information and proceedings  
available at**

**[www.jfic.us](http://www.jfic.us)**