



# 2012 AWRA Spring Specialty Conference

## Geographic Information Systems (GIS) and Water Resources VII

Sheraton New Orleans  
New Orleans, Louisiana  
March 26-28, 2012

### TECHNICAL SESSIONS-AT-A-GLANCE

• MONDAY ~ MARCH 26 • (SS DENOTES A "SPECIAL SESSION")

8:30 AM-10:00 AM

**OPENING PLENARY SESSION**  
**SPEAKER**  
**COLONEL ROBERT J. RUCH**  
**USACE**

**POSTER SESSION**  
8:30 AM-3:30 PM

**LUNCH ~ ON YOUR OWN**  
12:00 NN-1:25 PM

10:30 AM-12:00 NOON

**PLENARY PANEL**

1:30 PM-3:00 PM

**CONCURRENT SESSIONS**  
**1, 2, 3, 4**

- 1 **SS:** Water Resources Information Technologies: Directions, Drivers, & Opportunities
- 2 **SS:** Arc Hydro Groundwater
- 3 Urban Watershed Planning With GIS
- 4 Soil/Water Geospatial Modeling

3:30 PM-5:00 PM

**CONCURRENT SESSIONS**  
**5, 6, 7, 8**

- 5 **SS: Panel** – World Water Online
- 6 Integrated Surface & Groundwater GIS
- 7 Flood Loss Planning & Mitigation Tools
- 8 Modeling Sediment Transport & Impoundment

**OPENING NETWORKING RECEPTION**  
5:00 PM-6:30 PM

• TUESDAY ~ MARCH 27 • (SS DENOTES A "SPECIAL SESSION")

8:30 AM-10:00 AM

**CONCURRENT SESSIONS**  
**9, 10, 11, 12**

- 9 **SS:** National Hydrography Dataset (NHD)-1
- 10 **SS:** Hydrologic Information Systems (HIS)-1
- 11 **SS:** Atchafalaya Basin Resource Mgmt. Spatial Tools for Decisions
- 12 Decision Support/Water & Power

**POSTER SESSION**  
8:30 AM-3:30 PM

10:30 AM-12:00 NOON

**CONCURRENT SESSIONS**  
**13, 14, 15, 16**

- 13 **SS:** National Hydrography Dataset (NHD)-2
- 14 **SS:** Hydrologic Information Systems (HIS)-2
- 15 Coastal Applications
- 16 Multiagency Flood Information/Flood Mitigation Systems

**LUNCH ~ ON YOUR OWN**  
12:00 NN-1:25 PM

1:30 PM-3:00 PM

**CONCURRENT SESSIONS**  
**17, 18, 19, 20**

- 17 Updates: National Hydrography Dataset (NHD)
- 18 Hydrofracture/Mining Impact Assessment
- 19 **SS:** Decision Support/Coastal Systems
- 20 Decision Support/Forecasting

3:30 PM-5:00 PM

**CONCURRENT SESSIONS**  
**21, 22, 23, 24**

- 21 National Hydrography Dataset (NHD) Plus
- 22 Using Open Standards
- 23 Riparian
- 24 Watershed Planning & Outreach Information Systems

• WEDNESDAY ~ MARCH 28 • (SS DENOTES A "SPECIAL SESSION")

8:30 AM-10:00 AM

**CONCURRENT SESSIONS**  
**25, 26, 27, 28**

- 25 **SS:** Sharing the Black Box
- 26 Integrated Streamflow Simulation-1
- 27 LiDAR Enhanced Analysis-1
- 28 Total Maximum Daily Load (TMDL) Tracking & Assessment

10:30 AM-12:00 NOON

**CONCURRENT SESSIONS**  
**29, 30, 31, 32**

- 29 **SS:** Automated Geospatial Watershed Assessment (AGWA) Tool
- 30 Integrated Streamflow Simulation-2
- 31 LiDAR Enhanced Analysis-2
- 32 Land Use/Landscape Analysis

1:30 PM-3:00 PM

**CONCURRENT SESSIONS**  
**33, 34, 35, 36**

- 33 **SS:** Applications of the Hydrologic Schematic Processor
- 34 Climate Change-1: Impact Assessment
- 35 Real-Time Flood Awareness
- 36 Watershed Assessment for Environmental Mgmt.

3:30 PM-5:00 PM

**CONCURRENT SESSIONS**  
**37, 38, 39, 40**

- 37 National Hydrography Dataset (NHD)-3: Watershed Boundary Datasets
- 38 Climate Change-2: Hydrologic Forecasting
- 39 Integrated Assessment Frameworks
- 40 Using Infrastructure GIS With Business Data

**SPECIAL EVENT ~ CONFERENCE LUNCHEON ~ 12:00 NOON-1:15 PM**  
**SPEAKER ~ CHARLIE HENRY, NOAA**