



2016 AWRA Summer Specialty Conference GIS and Water Resources IX

Hilton Sacramento Arden West, Sacramento, CA
July 11-13, 2016

TECHNICAL & POSTER SESSIONS-AT-A-GLANCE

• MONDAY ~ JULY 11 •

8:30 AM-10:00 AM
OPENING PLENARY SESSION

KEYNOTE SPEAKER

ANNE J. CASTLE
UNIVERSITY OF COLORADO
BOULDER, COLORADO

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 1-4

- 1 What's New With NHDPlus
- 2 Big Data Processing
- 3 Where the Wild Things Are
- 4 Cloud-Based Groundwater Resource Mgmt.

1:30 PM-3:00 PM
CONCURRENT SESSIONS 5-8

- 5 Development of NHDPlus High Resolution
- 6 Overcoming "Big Data, Big Analysis" Challenges for Flood Risk Mgmt. Decision Making
- 7 Use of National GIS Data & Stream Monitoring Measurements for Spatially-Explicit Watershed & Stream Network Analysis-I
- 8 Tethys Platform: A Scripting Approach to Developing Water Resources Web Apps

3:30 PM-5:00 PM
CONCURRENT SESSIONS 9-12

- 9 NHD Applications
- 10 Panel: Building Capabilities for Big Data & Advanced Analytics
- 11 Use of National GIS Data & Stream Monitoring Measurements for Spatially-Explicit Watershed & Stream Network Analysis-II
- 12 Trinity River Authority

8:30 AM-6:30 PM
POSTER SESSION

12:00 NOON-1:30 PM
LUNCH BREAK (ON YOUR OWN)

12:00 NOON-1:15 PM
AWRA TECHNOLOGY TECHNICAL COMMITTEE MEETING

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

• TUESDAY ~ JULY 12 •

8:30 AM-10:00 AM
CONCURRENT SESSIONS 13-16

- 13 OWDI Network Linked Data
- 14 Flood Hazards: Decision-Makers, First Responders, & Science Engage
- 15 Conservation of Least Chub in Utah: How Data & GIS Are Being Used to Inform Endangered Species Act Decisions
- 16 JAWRA: Writing a Great Article

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 17-19

- 17 Unifying Hydrographic Information Frameworks Through Generalization
- 18 Regional to Continental Scale Flood Modeling & Mapping
- 19 Water Quality Modeling Tools

1:30 PM-3:00 PM
CONCURRENT SESSIONS 20-22

- 20 Applications of the National Water Census Data Resources & Portal
- 21 Floodplain Mapping & Analysis-I
- 22 Water Quality Analyses

3:30 PM-5:00 PM
CONCURRENT SESSIONS 23-25

- 23 Panel: What Will Hydrography Look Like in Five Years?
- 24 Floodplain Mapping & Analysis-II
- 25 Riparian Areas Inventory

8:30 AM-3:30 PM
POSTER SESSION

12:00 NOON-1:30 PM
LUNCH BREAK (ON YOUR OWN)

12:30 PM-1:15 PM
NHDPLUS USER GROUP MEETING

5:15 PM-9:00 PM / FIELD TRIP
GOING BATTY IN THE BYPASS:
MEXICAN FREE-TAILED BATS
AND YOLO BYPASS

• WEDNESDAY ~ JULY 13 •

8:30 AM-10:00 AM
CONCURRENT SESSIONS 26-28

- 26 Open Source Data: A Pathway to Efficient Model Development
- 27 Hydro Modeling Frameworks and Tools
- 28 Water Resources Information Systems

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 29-31

- 29 StreamStats: The Past, Present, Future, Nuts & Bolts
- 30 Hydro Analyses
- 31 Remote Sensing Applications

1:30 PM-3:00 PM
CONCURRENT SESSIONS 32-34

- 32 All About the Automated Geospatial Watershed Assessment (AGWA) Tool
- 33 Data Development & Assessment-I
- 34 Urban Applications

3:30 PM-5:00 PM
CONCURRENT SESSIONS 35-37

- 35 Fire & Water: Assessing Wildland Fire Watershed Hydrology
- 36 Data Development & Assessment-II
- 37 Water Use Management

12:00 NOON-1:30 PM ~ SPECIAL EVENT ~ CONFERENCE LUNCHEON

GUEST SPEAKER ~ DAWN WRIGHT ~ ESRI CHIEF SCIENTIST ~ REDLANDS, CALIFORNIA

"BRIDGING THE GAP BETWEEN SCIENTISTS AND POLICY MAKERS: WHITHER WATER RESOURCES?"