

GIS AND WATER RESOURCES IX

AWRA Summer Specialty Conference ~ July 11-13, 2016 ~ Sacramento, California

TECHNICAL SESSIONS BY TRACK

TRACK #1: National Datasets and Data Initiatives

<u>Session No. and Title</u>	<u>Mon. – July 11</u>	<u>Tue – July 12</u>	<u>Wed. – July 13</u>
1 What's New with NHD Plus	10:30 am-12:00 n		
5 Development of NHDPlus High Resolution	1:30-3:00 pm		
9 NHD Applications	3:30-5:00 pm		
13 OWDI Network Linked Data		8:30-10:00 am	
17 Unifying Hydrographic Information Frameworks through Generalization		10:30-12:00 n	
20 Applications of the National Water Census Data Resources & Portal		1:30-3:00 pm	
23 PANEL: What will Hydrography Look Like in Five Years?		3:30-5:00 pm	

TRACK #2: Big Data

<u>Session No. and Title</u>	<u>Mon. – July 11</u>	<u>Tue – July 12</u>	<u>Wed. – July 13</u>
2 Big Data Processing	10:30-12:00 n		
6 Overcoming "Big Data, Big Analysis" Challenges for Flood Risk Mgmt. Decision Making	1:30-3:00 pm		
10 PANEL: Building Capabilities for Big Data and Advanced Analytics	3:30-5:00 pm		

TRACK #3: Eco-Hydrology

<u>Session No. and Title</u>	<u>Mon. – July 11</u>	<u>Tue – July 12</u>	<u>Wed. – July 13</u>
3 Where the Wild Things Are	10:30-12:00 n		
7 Use of National GIS Data & Stream Monitoring Measurements for Spatially-Explicit Watershed & Stream Network Analysis I	1:30-3:00 pm		
11 Use of National GIS Data & Stream Monitoring Measurements for Spatially-Explicit Watershed & Stream Network Analysis II	3:30-5:00 pm		
15 Conservation of Least Chub in UT: How Data & GIS Are Being Used to Inform Endangered Species Act Decisions		8:30-10:00 am	
19 Water Quality Modeling Tools		10:30-12:00 n	
22 Water Quality Analysis		1:30-3:00 pm	
25 Riparian Areas Inventory		3:30-5:00 pm	

TRACK #4: Flood Analyses

<u>Session No. and Title</u>	<u>Mon. – July 11</u>	<u>Tue – July 12</u>	<u>Wed. – July 13</u>
14 Flood Hazards: Decision Makers, 1 st Responders, & Science Engage		8:30-10:00 am	
18 Regional to Continental Scale Flood Modeling & Mapping		10:30-12:00 n	
21 Floodplain Mapping & Analysis I		1:30-3:00 pm	
24 Floodplain Mapping & Analysis II		3:30-5:00 pm	

TRACK #5: Data and Water Resources Modeling

<u>Session No. and Title</u>	<u>Mon. – July 11</u>	<u>Tue – July 12</u>	<u>Wed. – July 13</u>
4 Cloud-Based Groundwater Resource Management	10:30-12:00 n		
8 Tethys Platform: A Scripting Approach to Develop Water Res. Web Apps	1:30-3:00 pm		
12 Trinity River Authority	3:30-5:00 pm		
16 JAWRA: Writing a Great Article		8:30-10:00 am	
26 Open Source Data: A Pathway to Efficient Model Development			8:30-10:00 am
27 Hydro Modeling Frameworks and Tools			8:30-10:00 am
28 Water Resources Information Systems			8:30-10:00 am
29 StreamStats: The Past, Present, Future, Nuts & Bolts			10:30-12:00 n
30 Hydro Analyses			10:30-12:00 n
31 Remote Sensing Applications			10:30-12:00 n
32 All About the Automated Geospatial Watershed Assessment (AGWA) Tool			1:30-3:00 pm
33 Data Development & Assessment I			1:30-3:00 pm
34 Urban Applications			1:30-3:00 pm
35 Fire & Water: Assessing Wildland Fire Watershed Hydrology			3:30-5:00 pm
36 Data Development & Assessment II			3:30-5:00 pm
37 Water Use Management			3:30-5:00 pm