



**2016 AWRA ANNUAL CONFERENCE ~ NOVEMBER 13-17, 2016
FLORIDA HOTEL & CONFERENCE CENTER ~ ORLANDO, FLORIDA**

TECHNICAL & POSTER SESSIONS-AT-A-GLANCE

• MONDAY ~ NOVEMBER 14 •

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

WATER RESOURCES
RESILIENCY IN THE
UNITED STATES

8:30 AM-6:30 PM
POSTER SESSION

12:00 NOON-1:30 PM
LITERARY LUNCH
WITH AUTHOR
CYNTHIA BARNETT
RAIN: A HISTORY
FOR STORMY TIMES

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 1-6

- 1 **Panel: Resilience to Climate Change Impacts on Water Resources: Maximizing Resilience Value Across Asset Review Design & Implementation**
- 2 **How Drought Uniquely Affects the Coast**
- 3 **Public Information & Stakeholder Involvement-I**
- 4 **Integrated Water Resources Management-I**
- 5 **Panel: A Unique Delaware Watershed Project: Making It Even Better in Phase 2**
- 6 **Panel: Creating Resiliency in the Southeast: The One Water Approach in Action**

1:30 PM-3:00 PM
CONCURRENT SESSIONS 7-12

- 7 **Environmental Impacts of Sea Level Rise-I**
- 8 **Drought Planning for Water Supply & Forecasting Drought Conditions**
- 9 **Public Information & Stakeholder Involvement-II**
- 10 **Integrated Water Resources Management-II**
- 11 **Panel: Wall It Up Or Pump It Out: Urban Flood Mitigation & Sea Level Rise**
- 12 **Water Allocation Policy & Institutions**

3:30 PM-5:00 PM
CONCURRENT SESSIONS 13-18

- 13 **Environmental Impacts of Sea Level Rise-II**
- 14 **Economics, Finance, & the Value of Water**
- 15 **Water Resources Education**
- 16 **Panel: Women in Water Resources**
- 17 **Climate Change & Environmental Impacts**
- 18 **Panel: National Water Model in Florida**

4:00 PM-4:30 PM
STUDENT ATTENDEE CONF. ORIENTATION

4:30 PM-5:00 PM
STUDENT NETWORKING EVENT

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

• TUESDAY ~ NOVEMBER 15 •

8:30 AM-10:00 AM
CONCURRENT SESSIONS 19-24

- 19 **Panel: Feasible? Reclaimed Water & Consumptive Use Permitting**
- 20 **Panel: Florida Water Resources From Lake Okeechobee to the Estuaries: A Water Management Balancing Act**
- 21 **Restoration of Florida's Iconic Springs: Legislative, "Turn Dirt" & Scientific Solutions**
- 22 **Panel: Tampa Bay Nitrogen Management Consortium: A Partnership for Progress**
- 23 **Reservoir Sedimentation & Sustainability**
- 24 **Lightning Talks: Advances in Water Resources Technology-I**

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 25-30

- 25 **Panel: Potable Reuse Success Stories From Across the Country**
- 26 **Panel: Big Cypress National Preserve: Another Missing Piece of the Puzzle**
- 27 **Stormwater Detention Treatment Ponds: The Southwest Florida Experience**
- 28 **Planning & Adaptation for Climate Change Impacts**
- 29 **Reservoir Design & Operation**
- 30 **Lightning Talks: Advances in Water Resources Technology-II**

1:30 PM-3:00 PM
CONCURRENT SESSIONS 31-36

- 31 **Water Reuse for Potable Applications**
- 32 **Agriculture & Water Resources: The Florida Experience**
- 33 **Restoring America's Everglades: Recent Progress & Future Opportunities**
- 34 **Advances in Hydrology Data Collection, Management, & Modeling**
- 35 **Recent Innovations in Aquifer Recharge**
- 36 **Big Data & Data Visualization**

3:30 PM-5:00 PM
CONCURRENT SESSIONS 37-42

- 37 **Panel: Integrated Water Resources Management: A Discussion With the AWRA IWRM Committee**
- 38 **Panel: The Central Florida Water Initiative: Collaborative Water Supply Planning**
- 39 **Water Management Strategies in Everglades Restoration**
- 40 **Climate Change Forecasting, Hydrologic Impacts, & Data Analysis**
- 41 **Aquifer Recharge: Experiences Around the U.S.**
- 42 **Panel: 90 Minutes With a Water Wonder Woman & Three Water Wise Men**

8:30 AM-3:30 PM
POSTER SESSION

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

6:30 AM-8:00 AM
AWRA 5K FUN RUN/
RAH SCHOLARSHIP FUNDRAISER

5:30 PM-9:30 PM / SPECIAL EVENT
SCAVENGER HUNT NETWORKING
DISNEY SPRINGS/WALT DISNEY WORLD



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TECHNICAL & POSTER SESSIONS-AT-A-GLANCE

• WEDNESDAY ~ NOVEMBER 16 •

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| <p>8:30 AM-10:00 AM <u>CONCURRENT SESSIONS 43-48</u></p> <p>43 <u>Panel:</u> Proactive Flood & Drought Mgmt.: AWRA Policy Statement & Policy Committee Report Vol. III</p> <p>44 Estuary Management Research & Monitoring Programs in the Indian River Lagoon, Florida</p> <p>45 Tampa Bay Water: Environmental Monitoring Challenges for Regional Water Supply & Resource Protection</p> <p>46 Groundwater Conservation Through Pumping Restrictions</p> <p>47 Recent Development of the Soil & Water Assessment Tool</p> <p>48 Water Quality Assessment & Analysis</p> | <p>10:30 AM-12:00 NOON <u>CONCURRENT SESSIONS 49-54</u></p> <p>49 Flood Policies, Programs, & Socioeconomics</p> <p>50 Estuarine Ecosystem Assessment in the Indian River Lagoon, Florida</p> <p>51 Ecosystems, Restoration, & Biological Impacts</p> <p>52 <u>Panel:</u> Florida Water Management District Executive Directors Policy Roundtable</p> <p>53 Hydrologic Modeling & High Flows</p> <p>54 Water Quality Protection & Impacts, Nutrients, & Stormwater</p> | <p>1:30 PM-3:00 PM <u>CONCURRENT SESSIONS 55-60</u></p> <p>55 Modeling for Flood Forecasting</p> <p>56 Estuary Science in the Indian River Lagoon, Florida</p> <p>57 Ecosystems Restoration Case Studies</p> <p>58 Nutrient Impacts in a Large Freshwater Lake: Lake Okeechobee Watershed Assessment</p> <p>59 <u>Panel:</u> Gray & Green Stormwater Infrastructure: Quantifying the Benefits & Costs to Implementation</p> <p>60 Water Quality Assessment: Tools</p> | <p>3:30 PM-5:00 PM <u>CONCURRENT SESSIONS 61-66</u></p> <p>61 Forecasting & Reservoir Operations for Flood Responses</p> <p>62 Estuary Monitoring & Mgmt. Strategies in the Indian River Lagoon, Florida</p> <p>63 <u>Panel:</u> Economics of Coastal Projects in Times of Rising Sea Level</p> <p>64 Agricultural Nutrient Source Control Programs in the Southern Everglades Ecosystems</p> <p>65 <u>Panel:</u> Why P3 for the Delivery of Large Scale Water & Waste Water Infrastructure Projects</p> <p>66 The Interrelationship of Biota & Water Mgmt. in Florida</p> |
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12:00 NOON-1:30 PM
SPECIAL EVENT
ANNUAL CONFERENCE AWARD LUNCHEON

3:30 PM-5:00 PM
SPECIAL STUDENT SESSION PANEL
CAREER & PROFESSIONAL DEVELOPMENT FOR STUDENTS

5:30 PM-7:00 PM
STUDENT CAREER NIGHT
PANEL OF PROFESSIONAL DEVELOPMENT AND NETWORKING

• THURSDAY ~ NOVEMBER 17 •

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| <p>8:30 AM-10:00 AM <u>CONCURRENT SESSIONS 67-71</u></p> <p>67 Water Supply Planning & Management: National Programs & Large Datasets</p> <p>68 Ecosystem Restoration: Tools-I</p> <p>69 Water Quality Modeling & Assessment-I</p> <p>70 Water Quality: Bacteria</p> <p>71 Maintaining Data Quality in Planning, Field, Laboratory, & Validation Processes</p> | <p>10:30 AM-12:00 NOON <u>CONCURRENT SESSIONS 72-76</u></p> <p>72 Water Supply Planning & Management</p> <p>73 Ecosystem Restoration: Tools-II</p> <p>74 Water Quality Modeling & Assessment-II</p> <p>75 <u>Panel:</u> Microplastics in Aquatic Environments</p> <p>76 How Geophysics Can Be Implemented for Successful Water Resource Projects</p> | <p>1:30 PM-3:00 PM <u>CONCURRENT SESSIONS 77-81</u></p> <p>77 Water Supply & Sustainability</p> <p>78 Ecosystem Restoration: Quantifying Impacts</p> <p>79 Hydrology Modeling & Assessment</p> <p>80 Ecosystem Impacts: Modeling & Tools</p> <p>81 <u>Panel:</u> Flood Warning: Advances in Forecasting, Mapping, & Warning Support From USGS</p> | <p>3:30 PM-5:00 PM <u>CONCURRENT SESSIONS 82-86</u></p> <p>82 Energy/Water Nexus: Water Supply Planning for Energy Production/Extraction</p> <p>83 Ecosystem Preservation, Management, & Restoration</p> <p>84 Hydrology Modeling & Tools</p> <p>85 Water Conservation & Water Quality</p> <p>86 JAWRA: Writing a Great Article</p> |
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