



**2017 AWRA ANNUAL CONFERENCE ~ NOVEMBER 6-9, 2017
RED LION ON THE RIVER-JANTZEN BEACH HOTEL ~ PORTLAND, OREGON**

TECHNICAL & POSTER SESSIONS-AT-A-GLANCE

• MONDAY ~ NOVEMBER 6 •

8:15 AM-10:15 AM
OPENING PLENARY SESSION

KEYNOTE SPEAKER
ERIC QUAEMPTS
DIRECTOR • DEPT. OF NATURAL RESOURCES • CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION
PENDLETON, OREGON

GUEST SPEAKER
TIMOTHY PALMER
PHOTOGRAPHER & HISTORIAN
OREGON
*WILD & SCENIC RIVERS:
AN AMERICAN LEGACY*

10:45 AM-12:00 NOON

**PLENARY
LIGHTNING
TALKS**

**PREVIEWS
OF THE
WEEK**

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

- 1** Lightning Talks: Hydro Informatics
- 2** Aquifer Storage & Recovery: Innovative Approaches to Water Management
- 3** Drought & Disadvantaged Communities
- 4** Place-Based Water Planning
- 5** Preparing Your Manuscript for Journal Submission

3:30 PM-5:00 PM
CONCURRENT SESSIONS 6-10

- 6** Lightning Talks: Field Technologies & Data Collection
- 7** Groundwater Governance
- 8** Road to Brasilia-I: Climate Change Impacts
- 9** Panel: Accessing Water Supply From Federal Projects: Challenges & Opportunities
- 10** Road to Brasilia-II: The Water-Energy Nexus

8:30 AM-6:30 PM
POSTER SESSION

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

4:45 PM-5:00 PM
**STUDENT ATTENDEE
CONFERENCE ORIENTATION**

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

• TUESDAY ~ NOVEMBER 7 •

8:30 AM-10:00 AM
CONCURRENT SESSIONS 11-15

- 11** Sharing & Integrating Water Data for Sustainability-I
- 12** Groundwater Dependent Ecosystems-I: Hydrogeology, Ecology & Management
- 13** Panel: California Water: Winning With the WIIN Act?
- 14** Road to Brasilia-III: WRF Research on Integrated Water Management & Water Supply Diversification
- 15** Marshes, Wetlands, & Lakes: Data, Processes, & Restoration

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 16-20

- 16** Decision Support for Water Resources Management
- 17** Groundwater Dependent Ecosystems-II: Hydrogeology, Ecology, & Management
- 18** Drought: State & Regional Responses
- 19** Road to Brasilia-IV: Integrated Water Resources Management: Analysis, Tools, & Application
- 20** Ecosystem Restoration & Management

1:30 PM-3:00 PM
CONCURRENT SESSIONS 21-25

- 21** Evolution of NHD: The National Hydrologic Dataset
- 22** Coastal & Estuary Processes & Restoration
- 23** Road to Brasilia V: Climate Change: Assessing Future Needs & Risks
- 24** Mining: Its Impacts & Legacy
- 25** Adaptive Management

3:30 PM-5:00 PM
CONCURRENT SESSIONS 26-30

- 26** Evapotranspiration & Crop Water Use: Current Research & Application
- 27** First Floods & River Vision
- 28** Drought: Impacts, Resilience, & Persistence
- 29** State Water Law & Management
- 30** Project WET: Hands-On Educational Experience

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

12:00 NOON-1:30 PM
LUNCH & LEARN: PRESENTATION & BOOK SIGNING
BILL & ROSEMARY ALLEN ~ HIGH AND DRY

6:00 PM ~ SPECIAL EVENT
**A SPECIAL EVENING
IN PORTLAND**



2017 AWRA Annual Conference

November 5-9, 2017 - Portland, OR
Red Lion on the River - Jantzen Beach Hotel

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TECHNICAL & POSTER SESSIONS-AT-A-GLANCE

• WEDNESDAY ~ NOVEMBER 8 •

8:30 AM-10:00 AM

CONCURRENT SESSIONS 31-35

- 31 Sharing & Integrating Water Data for Sustainability-II
- 32 Groundwater Systems: Characterization & Management
- 33 Climate Change & Floods in the Willamette River
- 34 Panel: Protecting Instream Flows & Meeting Water Supply Demands in Washington State: Part I - Conflicts
- 35 Panel: The Art of Good Communication: Be Bold, Speak Clearly

10:30 AM-12:00 NOON

CONCURRENT SESSIONS 36-40

- 36 Agricultural Data
- 37 Application of Streamflow Data for Research & Management-I
- 38 Flood Forecasting & Modeling
- 39 Panel: Protecting Instream Flows & Meeting Water Supply Demands in Washington State: Part II - Water Banking Solutions
- 40 Cultural/International Communications

1:30 PM-3:00 PM

CONCURRENT SESSIONS 41-45

- 41 Data Visualization
- 42 Application of Streamflow Data for Research & Management-II
- 43 Flood Forecasting & Mapping
- 44 Reservoir Operations, Levees, & Hydraulic Modeling
- 45 Educating the Next Generation of Water Resources Professionals

3:30 PM-5:00 PM

CONCURRENT SESSIONS 46-50

- 46 Oxbridge Academy Student Workshop
- 47 Sediment & Flow Modeling
- 48 Floods in the Mid-Atlantic Region: Forecasts & Characteristics
- 49 Source Water Quality
- 50 Water Demand & Conservation

9:00 AM-12:00 NOON
AWRA CAREER FAIR

12:00 NOON-1:30 PM • SPECIAL EVENT
ANNUAL CONFERENCE AWARDS LUNCHEON
SPEAKER • BRENDA LENNOX
PRESIDENT • AMERICAN WATER WORKS ASSOCIATION • DENVER, COLORADO

5:30 PM-7:00 PM
STUDENT & YOUNG PROFESSIONAL NETWORKING

• THURSDAY ~ NOVEMBER 9 •

8:30 AM-10:00 AM

CONCURRENT SESSIONS 51-55

- 51 Remote Sensing Technology Innovations
- 52 Resilient Stormwater Infrastructure
- 53 Occurrence & Fate of Contaminates of Emerging Concern in Protected & Unprotected Environments
- 54 Environmental Accounting & Ecosystem Services
- 55 Backflow Prevention, Smart Meters, & Your Irrigation System

10:30 AM-12:00 NOON

CONCURRENT SESSIONS 56-60

- 56 Nature-Based Solutions to River & Coastal Management Challenges
- 57 Green Infrastructure: Improving Resilience & Livability
- 58 Tips & Tools for TMDLs
- 59 Water Supply/Availability Programs & Case Studies
- 60 Dam Safety & Operations

1:30 PM-3:00 PM

CONCURRENT SESSIONS 61-65

- 61 Restoration & Cleanup
- 62 Groundwater Hydrology & Geochemistry of Columbia River Basalt Aqifers
- 63 Water Quality: *E. coli*, Pesticides, & Anti-microbial Resistance
- 64 Communication Tools & Considerations
- 65 Infrastructure Management

3:30 PM-5:00 PM

CONCURRENT SESSIONS 66-70

- 66 Monitoring: Water Quantity & Water Quality Programs
- 67 Stormwater Runoff, Infiltration, & Groundwater
- 68 Panel: Emerging Policies of the New Federal Administration on Water Resources, Climate Research, & Resiliency
- 69 Urban Water, Source Water & IWRM
- 70 The Role of Forests: Land Mgmt. as Water Mgmt.

6:30 AM-8:00 AM
FUN RUN

12:00 NOON-1:15 PM • LUNCH & LEARN
WILLAMETTE BASIN INTEGRATED MODELING – WILLAMETTE WATER 2100 EFFORT
ADELL AMOS & WILLIAM JAEGER • UNIVERSITY OF OREGON • EUGENE, OREGON