

2024 AWRA, UCOWR, NIWR 60th ANNIVERSARY JOINT WATER RESOURCES CONFERENCE ABSTRACT CODES



The following topical sessions, panels, and workshops have been selected for the conference. Please enter the Topical Letter Code (which is the letter before each title of the session, panel, or workshop) when submitting your abstract (example: A, B, C, AA....):

TOPICAL SESSIONS CODES:

- A.** Managing Non-traditional Water Sources: from Theory to Practice
- B.** Septic Systems for Wastewater Management: Modern Stresses on an Ancient Method
- C.** Best of the Best II: Impact, Outcomes, and Challenges from the USDA-NIFA Water for Agriculture CAP Grants
- D.** Improving Water Quality in Priority Watersheds across Northwest Arkansas and Northeast Oklahoma
- E.** Investigating the Distribution and Value of Water-related Benefits and Burdens in Mississippi River communities: Community-engaged Approaches to Research and Policy Evaluation
- F.** Reuse Stormwater by Utilizing Natural Forces
- G.** Using Ground-based Time-lapse Imagery in Ecohydrological Studies: Data, Software, and Applications
- H.** Urban Flash Flooding: St. Louis
- I.** Flow Dynamics and Ecological Interactions in Aquatic Ecosystems
- J.** Mississippi River Navigation
- K.** Tools & Approaches for Managing Changing Water Resource Availability in the Upper Colorado River Basin
- L.** Building Bridges to Achieve Sustainable Water Outcomes in the West
- M.** Applications of Surface Water and Ocean Topography Mission Data for Addressing Water Resources Challenges
- N.** Groundwater Management, Science & Policy in the Western US
- O.** River to Sea: Integrated Inland and Coastal Flood Analysis Applications
- P.** Artificial Intelligence for Watershed Analysis
- Q.** Evaluating and Quantifying Streambank and In-Stream Erosion as a Source of Nutrient Loss
- R.** Advances in Cold Regions Hydrology Under Changing Climate and Ecosystem
- S.** Community Benefits – Social Good Meets Regulatory Requirements
- T.** Managing in the Face of Uncertainty
- U.** Emerging Solutions for Flood Preparedness and Response by Integrating AI tools with Operations Plan
- V.** From Space to Solutions: Leveraging Satellite Earth Observations for Effective Water Resources Management

PANEL CODES:

- AA.** Developing a Scientific Framework for Large-scale Watershed Restoration in the Mississippi River Basin
- BB.** Putting Private Wells on the Map: Testing and Outreach Programs Around the U.S.
- CC.** From Practitioner to the Public: Lessons Learned Through Development and Delivery of Watershed-based Training

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- DD.** Exploring Program Design, Outputs, and Possibilities for Citizen Science Groundwater Quality Monitoring: Panel Discussion
- EE.** Community Leadership in Water Projects
- FF.** NASA Satellite Data Products for Practical Water Resources Applications
- GG.** Scaling Water Equity: Cross Sector Solutions to Key Water Challenges
- HH.** Water Career Panel and Networking Session

WORKSHOP CODES:

- AAA.** CE-QUAL-W2 Version 5.0 Water Quality Modeling Workshop
- BBB.** Intentionally Assessing, Prioritizing, (part, Deep Dive into a Critical Issue(s), and Action Planning for Your Living Integrated Toolbox
- CCC.** River Water Quality Modeling with the Latest Version of HEC-RAS Software
- DDD.** Leading Across Generations: Managing a Multigenerational Workplace
- EEE.** Tackling Regional Water Issues: Challenges and Opportunities for Regional Connections

NOTES:

1. If you are submitting an abstract for a specific topical session, panel, or workshop in which you are a confirmed presenter, please enter the **Topical Session Letter Code** in the abstract submission.
2. If you are submitting an abstract and want to be considered for a Topical Session, please enter that **Topical Session Letter Code** in your abstract submission. Acceptance is not guaranteed.

In addition, we invite you to submit abstracts on land and water topics including, but not limited to:

- Advanced Monitoring
- Agriculture Best Management Practices
- Aquatic Invasive Species
- Artificial Intelligence & Water
- Bridging Science and Policy
- Climate Change
- Coastal Issues
- Communicating Water Science
- Drinking Water Equity
- Drought
- Emerging Contaminants
- Extreme Events
- Flood Management
- Forests & Water
- Geographic Information Systems
- Groundwater Management
- Harmful Algal Blooms
- Hydrologic Connectivity
- Hydrologic Modeling
- International Water Issues
- Remote Sensing
- Stream and Wetland Restoration Strategies
- Sustainable Irrigation Systems
- Transboundary Water Issues
- Tribal Water Issues
- Urban Water Management
- Water & Health Connections
- Water Conservation Strategies
- Water Diplomacy
- Water Economics
- Water Energy Nexus
- Water Governance
- Water Infrastructure
- Water Quality
- Water Resource Extension & Education Programs
- Water Resources Management
- Water Resources Policy & Legal Challenges
- Water Social/Environmental Justice
- Water Treatment