

CALL FOR ABSTRACTS

2025 Mine Water Management Symposium ~ January 27-28, 2025
in conjunction with the 2025 NWRA Annual Conference

Nugget Casino Resort
1100 Nugget Avenue • Sparks, NV 89431

Share your knowledge and expertise, and learn something new! Format participation includes panel discussions, technical presentations, and poster presentations. Please follow submittal guidelines carefully on the NWRA website at www.nvwra.org — incomplete submissions will be returned. The abstract and 1-page biography must be prepared in Microsoft Word format using the electronic form. Submit abstracts electronically by Friday, September 13, 2024 to admin@nvwra.org. Abstracts and presentations will be published as online conference proceedings at www.nvwra.org. For additional information please contact Tina Triplett at admin@nvwra.org or visit us online at www.nvwra.org. Please note: Abstract submittals for the 2025 NWRA Annual Conference being held January 28-30, 2025, require a separate submission process (which can be found at <http://www.nvwra.org>). All presenters will be required to complete a paid registration for the Symposium.

SUGGESTED PRESENTATION TOPICS INCLUDE (BUT ARE NOT LIMITED TO) ...

- **Innovative Mine Water Management and Treatment Technologies:** Highlighting new approaches to managing and treating mine water
- **Sustainable Mine Water Use and Conservation Strategies:** Best practices for reducing water usage and increasing efficiency in mining operations
- **Acid Mine Drainage (AMD) Prevention and Treatment:** Novel methods and technologies for controlling and mitigating AMD
- **Community and Tribal Collaboration in Mine Water Management:** Strategies for involving local and indigenous communities in decision-making
- **AI and Data Analytics for Water Management in Mining:** Leveraging technology for optimized water resource management
- **Environmental and Social Governance (ESG) in Mining:** Exploring the role of ESG principles in sustainable water use and mining practices
- **Water-Related Innovations in Dust Suppression:** Technological advancements for controlling dust at mining sites
- **Mine Closure and Water Management:** Addressing water issues during and after mine closure for sustainable environmental restoration
- **Circular Economy and Mining-impacted Water:** Opportunities for resource recovery and reuse from mine water
- **Passive Treatment Systems for Mine Water:** Developments in low-energy water treatment solutions
- **Aquifer Storage and Recovery in Mining Regions:** Techniques for groundwater replenishment and storage
- **Geochemistry and Hydrology of Mine Waters:** Insights into mine-impacted water's chemical and hydrological dynamics
- **Tailings Management and Sustainable Disposal Practices:** Innovations in tailings processing and disposal for reduced environmental impact
- **Mine Water and the Circular Economy:** Exploring the reuse of mine water in other sectors and processes
- **Legislation and Policy Impact on Mine Water Management:** Understanding the regulatory environment and its impact on mining practices
- **Mine Water Reuse in Agriculture and Industry:** Case studies and opportunities for using treated mine water
- **Emerging Challenges in Mine Water Management:** Addressing new and unforeseen issues in the field
- **Technology and Infrastructure for Leak and Evaporation Reduction:** Solutions for conserving water in mine operations
- **Environmental Impact Assessments for Mine Water Projects:** Best practices and methodologies for evaluating environmental impacts
- **Case Studies in Mine Water Management:** Real-world examples of successful mine water management strategies
- **Sustainable Water Management in Mining for Green Energy Minerals:** Explore strategies for managing water sustainably in the extraction of minerals critical to the green economy, such as lithium, cobalt, and rare earth elements, which are essential for solar panels, wind turbines, and batteries for electric vehicles.
- **Balancing Water Risks and Rewards in the Transition to Alternative Energy:** Focused on the dual challenge of securing the raw materials for alternative energy technologies while protecting water resources, this topic will examine the water-related risks inherent in mining operations for green economy minerals, i.e., how to balance the urgent need for minerals with the imperative to safeguard environmental and community water resources

Calling all
unique, interesting
project presentations!
See below for
inspiration but the sky
is the limit! Bring
it on!