Call For Abstracts

Submission Deadline: Monday, January 8, 2024

Submit your 300-word abstract at www.dfi.org/Annual2024 or scan the QR code.

DFI along with DFI49 Conference Chairs Dave Paul, P.E., (Paul GeoTek Engineering), Luca Barison (Nicholson Construction Company), and Program Co-Chairs Brad Long, P.E., (HDR) and Tom Pullen, P.G., (Brierley Associates) invite you to submit abstracts for original technical papers and panel sessions for DFI’s 49th Annual Conference on Deep Foundations (#DFI49) to be held October 7-10, 2024, in Colorado. The theme of this international conference is Water - Resiliency - Infrastructure. This conference will feature two concurrent technical tracks, one specifically focused on all things water in our industry.

All accepted papers will be published in the Conference Proceedings and select papers, based on draft submissions, will be presented orally by the author during the technical sessions. Proposals for panel sessions are welcomed and encouraged. Please describe the panel topic and list the proposed speakers in the abstract. Paper format guidelines are available at www.dfi.org/Annual2024.

Presentation Themes

Abstracts are being accepted on the following topics:

- **Sustainability and Resiliency in Practice:** Accounting for effects of climate change, reducing water consumption in geotechnical construction, coastal rehabilitation, climate resiliency, renewables, reuse, remediation, construction for offshore wind, alternative energy sources
- **Surface Water:** Advances in embankment or dam core construction, advances in dam and levee safety monitoring, water rights/allocation including policy, cutoff walls, transportation infrastructure projects for flooding, challenges of retaining water
- **Deep Foundation Advancements:** Special construction methods, ground improvement, water conveyance/ground improvement/rehabilitation in tunneling, high-wall stabilization in mining, advances in open-pit mining, very large and/or deep foundation elements
- **Groundwater:** Protection, below-ground storage of all types of water, hydraulic deficiencies, rehabilitation of existing water infrastructure, underwater construction/inspection/repairs
- **Evolving Practice with National, State and Local Codes:** Unifying design and construction requirements between entities, collaborating with multiple agencies to establish design expectations and requirements
- **Innovation in Equipment and Materials:** Natural mud slurry, ground conditioning, Type 1L cement, electric equipment, robotics, AI in design and construction
- **Advances in Data Management, Testing and QA/QC:** Monitoring, load testing, alternatives to CSL, using CPT for QC of ground improvement or soil mixing, planning and executing QA/QC
- **Working with Geo and Natural Hazards:** Seismic lessons learned, slope and rock fall stabilization, flooding, debris flows, swelling and collapsible soils, flowing sand, wildfires
- **Project Delivery:** Procurement methods, safety, working platforms, risk management, workforce development, regulations, European water policy and project development process
- **Case Histories:** Alpine construction, challenges of higher-elevation projects, dense urban construction, lessons learned on regional and national projects

Important Dates:

- **Abstracts Due:** Monday, January 8, 2024
- **Draft Papers Due:** Monday, April 15, 2024
- **Final Papers Due:** Monday, July 8, 2024

For inquiries, contact:
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