

New Risk and Contracts Committee

DFI announces the formation of its 26th technical committee—the DFI Risk and Contracts Committee. The goal of the committee is to raise awareness of risk management through programs and promotion. Key objectives for the committee are to:

- Establish the fundamental requirements for geotechnical risk management for all entities involved in the geotechnical project's life cycle.
- Cooperate with all DFI technical committees in establishing risk management standards and providing suggested guidance for all types of geotechnical products and techniques.
- Harmonize the risk management knowledge of DFI with the knowledge of other deep foundation organizations.

The committee's first project is to research and produce *The Book of Risks for Geotechnical Projects*. The book is being organized to reflect the four major categories of risks of geotechnical projects:

1. Internal Risks
2. Legal Risks
3. External Risks
4. Geotechnical-Exploration Risks

Risk identification will cover all geotechnical products of interest to DFI members, all types of project delivery (e.g., design-bid-build, design-build, PPP, etc.) and all types of owners (private and public).

The chair of the committee is Alexander Filotti, M.B.A., P.E., risk controller of Underpinning and Foundation Skanska. Filotti has 19 years of experience with engineering work and technical development related to deep foundation projects as well as development of computer 3D modeling applications for deep foundation projects. His current activity focuses on risk management and ethics. He teaches the Design of Foundations course at Hofstra University School of Engineering and Applied Science, and starting in the spring



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semester of 2020, he will be teaching a Risk Management course for the Engineering Management Masters program. He is the chair of the PDCA Contracts and Risk Committee and serves as a member on the Geo-Industry Risk Working Group comprised of members from ADSC, DFI, Geo-Institute, Geoprofessional Business Association and PDCA. He is a frequent presenter of risk topics at DFI and PDCA conferences and seminars. He holds a degree in mechanical engineering from the Polytechnic University of Bucharest (Diplomat Engineer) and an Executive M.B.A. from Hofstra University.

The vice chair of the committee is Richard D. Kalson, Esq., partner in the Construction Law Group of Benesch. Kalson is well versed in deep foundation construction projects and contracts as risk management tools. He provides counsel to subcontractors, suppliers and project owners in litigation and business consultation matters, including many ENR 400 contractors and ENR 600 specialty contractors, on all phases of the construction process on projects throughout the U.S. Kalson is a frequent speaker on risk at industry conferences including participating in DFI's Invited Panel on Risk: A Rational Discussion in both 2017 and 2018. He is a member of the ADSC-IAFD Board of Directors and holds a B.A. from the University of Wisconsin and a J.D. from the University of Minnesota.



Industry professionals involved in risk management are encouraged to join the committee. To learn more about the committee visit: www.dfi.org/commhome.asp?DRSK.



CO-CHAIRS: DAVID R. KLUG AND JIM MORRISON, P.E.

Tunneling and Underground Committee

DFI's recently established Tunneling and Underground Committee has formed eight Technical Groups to address specific areas of interest associated with the tunnel industry. Each Technical Group will collaborate and share information on specific topics related to tunneling design and construction. The chairs welcome everyone with an interest in the tunneling industry to join the DFI Tunneling

and Underground Committee and become a member of a Technical Group. The committee will provide a professional forum to identify current industry needs and facilitate the advancement of new methods and technologies for design, construction, inspection, maintenance and operation of tunnels and underground systems. The committee will foster technology transfer among owners, designers, contractors, material and equipment suppliers, researchers/academics and other global tunneling associations involved in the use and construction of tunnels and underground structures.



DFI Technical Committee Chairs

DFI-ADSC Anchored Earth Retention

Co-Chair: Ed Laczynski, P.E.
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Co-Chair: Jeff Segar, P.E., S.E.
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Augered Cast-in-Place

Chair: Jonathan Huff, P.E.
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BIM/ Digitalisation (DFI Europe)

Chair: Jason Boddy, C.Eng MICE
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Codes and Standards

Chair: Daniel Stevenson, P.E.
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Deep Foundations for Landslides and Slope Stabilization

Chair: Chris Ramsey, P.E.
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Chair: Paul Axtell, P.E., D.GE
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Driven Pile

Chair: Pollyanna Cunningham, M.B.A.
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Electric Power Systems Foundations

Co-Chair: Peter Kandaris, P.E.
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Co-Chair: Steve Davidow, P.E., S.E., P.Eng.
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Energy Foundations

Chair: Tony Amis
GI Energy
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Ground Improvement

Chair: Tanner Blackburn, Ph.D., P.E.
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Helical Piles and Tiebacks

Chair: Gary Seider, P.E.
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International Grouting

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Manufacturers, Suppliers and Service Providers

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Marine Foundations

Chair: Rick Ellman, P.E.
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DFI-ADSC Micropile

Co-Chair: Steve Davidow, P.E., S.E., P.Eng.
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Co-Chair: Terence P. Holman, Ph.D., P.E.
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Project Information Management Systems

Chair: Massimo Mucci
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Risk and Contracts

Chair: Alexander Filotti, M.B.A., P.E.
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Seepage Control

Chair: Michael Kynett, P.E.
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Seismic and Lateral Loads

Chair: Kwabena Ofori-Awuah, P.E., ENV SP
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Slurry Wall

Chair: Giovanni Bonita, Ph.D., P.E., P.G.
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Soil Mixing

Chair: David Miller, P.E.
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Sustainability

Currently Unchaired

Subsurface Characterization for Deep Foundations

Chair: Victor Donald, P.E.
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Testing and Evaluation

Chair: Gerald Verbeek
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Tunneling and Underground

Co-Chair: David Klug
David R. Klug & Associates
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Co-Chair: James Morrison, P.E.
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Women in Deep Foundations

Chair: Maysill Pascal, P.E.
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Join a Committee

As a member of DFI you can participate in one of our many technical committees and collaborate with your peers, influence the profession, build consensus, develop leadership skills and extend your network. If you are interested in joining a committee, please email a letter on your company letterhead to staff@dfi.org, indicating which committee you want to join, why you want to join the committee and describe your involvement in that technology/discipline.

The following is a list of the DFI Tunneling and Underground Committee Executives, Advisory Board members and the chairs and co-chairs of the Technical Groups who will identify and guide the committee efforts.

DFI Tunneling and Underground Committee – Executives

Co-Chair David R. Klug, president, David R. Klug & Associates
Co-Chair James Morrison, vice president, COWI North America
Trustee Liaison Conrad Felice, president, C.W. Felice
Technical Director Brian Fulcher, principal & tunnel practice leader, McMillen Jacobs Associates

DFI Tunneling and Underground Committee – Advisory Group

Colin Lawrence, P.E., vice president, Mott MacDonald Engineers
Frank Arland, P.E., partner, Mueser Rutledge Consulting Engineers
Les Bradshaw, president/owner, Bradshaw Construction Corp.
Rick Lovat, P.Eng., president and owner, Lovat Tunneling Solutions
Matt Swinton, senior vice president - Underground District, Kiewit Infrastructure Co.
Sanja Zlatanic, P.E., chairman - National Tunnel Practice, HNTB
Steve Minassian, P.E., senior vice president, Parsons
Mechanical Tunneling Technical Group
Co-Chair Shane Yanagisawa, project director, Lane Healy JV

Co-Chair Richard McLane, chief mechanical engineer, Traylor Bros.

Conventional Tunneling Technical Group

Chair Robert Stier, area manager, Drill Tech

Precast Tunnel Linings Technical Group

Chair Verya Nasri, vice president and global tunnel lead, AECOM

Support of Excavation in Tunnel Construction Technical Group

Co-Chair Frank Arland, partner, Mueser Rutledge Consulting Engineers
Co-Chair Jan Cermak, associate partner, Mueser Rutledge Consulting Engineers

Tunnel Waterproofing Technical Group

Chair Stefan Lemke, deputy CEO, Renesco/Marti

Shotcrete in Tunnels Technical Group

Chair Paul Madsen, project manager, Kiewit Infrastructure Co.

Tunnel Construction Safety Technical Group

Chair Gerry Anderson, project environmental & safety manager, Kiewit Infrastructure Co.

Tunnel Industry Outreach, Training and Education Technical Group

Chair Amanda Elioff, vice president and national practice lead tunnels, WSP Americas

COMMITTEE CHAIR CHRIS RAMSEY, P.E.

Deep Foundations for Landslides/Slope Stabilization Committee



DFI's Deep Foundations for Landslides and Slope Stabilization Committee is currently involved in a number of items. The most exciting is assisting in planning for S3: Slope – Support – Stabilization (see page 37). We have several committee members active in the planning process, along with members from other teaming committees. The conference takes place August 6-8, 2019, in Minneapolis, Minn., and opens with a fundraiser for the Women in Deep Foundations Fund at Target Field to see the Minnesota Twins play the Atlanta Braves. The technical program features a variety of compelling presentations. The conference, as in previous years, will continue to feature a software problem presentation with a panel discussion.

The committee is working to put together a special issue of the *DFI Journal* to be published in 2020. The special issue will feature several technically-based papers as well as papers based on project case histories, all in the spirit of applications used to stabilize landslides or slopes.

Lastly, we are currently working jointly with the Anchored Earth Retention Committee to complete a deliverable for the Committee Project Fund (CPF). The project is for Developing Guidance for Factoring Structural Resistance for Landslide Stabilization and Excavation Support, led by Dr. Erik Loehr, P.E., and Andy Boeckmann, P.E., of the University of Missouri and Paul Axtell, P.E., of Dan Brown and Associates. The research takes a look at the problem where factoring structural resistance may increase cost associated with construction of structural elements for slope stabilization and excavation support as compared to alternative techniques. This exciting kind of research is the reason that the CPF was initiated. We are anxiously awaiting the results.

We are happy to welcome new members to the committee. The next meeting for the committee will take place during the S3 Conference in August. Visit www.dfi.org/groups.asp?join for information to join the committee.