

United States Underground Construction Association

UCA of SME Membership: 1,100



2016 – ACTIVITIES



**George Fox Conference –
New Tunneling
Technologies**
NYC, NY,
January 26, 2016

**World Tunnels
Congress –
Unifying the Industry**
San Francisco, CA
April 22-28, 2016

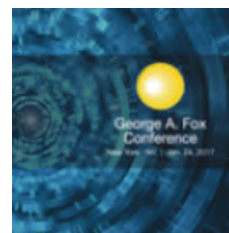
**Cutting Edge
Conference –
Advances in
Tunneling Technology**
Los Angeles, CA,
November 6-9, 2016



ONGOING ACTIVITIES

- Become the primary American resource for Underground Construction issues and information requests
- Improve the image of underground construction in the minds of the public, government, owners and all key constituents
- Improve the effectiveness/efficiency of our industry
- Continue to work closely with ASCE to foster student and young professional outreach; recently implemented MOU to further our connectivity with more students and to encourage a greater understanding of the tunneling industry.
- Created and continue to support a program whereby student attendees can attend UCA technical conferences with \$1,000 scholarships – evaluated by our Young Professionals Committee
- Contribute \$7,500 annually to the Engineering Festival

2016 – ACTIVITIES



**George Fox Conference –
New Tunneling Technologies**
NYC, NY, January 24, 2017



**Rapid Excavation and
Tunneling Conference –
San Diego, CA**
June 4-7, 2017



**Cutting Edge
Conference, Seattle,
WA**
November 13-15, 2017

2017 Publications:
History of Tunneling in the United States

- A recently completed book on the illustrated history of tunneling in the U.S.



Above: History of Tunneling in the United States, just published and available now.

Quarterly Magazine:

- The UCA publication with a distribution of over 15,000



Above right: Tunneling and Underground Construction

ONGOING / UPCOMING MAJOR UNDERGROUND PROJECTS

Transit/Highway

- East Side Access, NY
- Second Avenue Subway, NY
- Gateway Project, NJ-NY
- Central MUNI Subway, SF
- Alaskan Way Viaduct Replacement Tunnel
- LA Metro Subway Expansion Program
- Sound Transit Program, Seattle
- Parallel Thimble Shoal Tunnel, VA
- Amtrak Baltimore ByPass Tunnel
- Third Harbor Crossing, VA

Water/Wastewater

- Rondout-West Branch Bypass Tunnel
- DigIndy CSO Tunnel Program
- Anacostia River Tunnel, DC
- Northeast Boundary Tunnel, DC
- Seattle CSO Control Program
- Columbus CSO Program
- Dugway Storage Tunnel, Cleveland
- Westerly CSO Tunnel, Cleveland
- London Road Relief Sewer, Cleveland
- St Louis CSO Program

Working Group	Committee Members
Young Members Group WG – 2 Research WG – 3 Contractual Practices WG – 5 Health and Safety in Works WG – 6 Maintenance and Repair of Underground Structures WG – 9 Seismic Effects WG – 11 Immersed and Floating Tunnels WG – 12 Sprayed Concrete WG – 14 Mechanized Tunnelling WG – 15 Underground and Environment WG – 17 Long Tunnels at Depth WG – 19 Conventional Tunnelling WG – 20 Urban Problems - Underground Solutions WG – 21 Life Cycle Asset Management	Anthony Bauer William Hansmire*, Conrad Felice, Verya Nasri Randall Essex*, William Edgerton, David Caiden Steven Brandon* Henry Russell Ruopen Donikian Christian Ingerslev* Michael Murray Brian Fulcher, Jamal Rostami, Brad Grothen Michael Mooney* Brad Grothen* Vojtech Gall*, Lok Home Harvey Parker*, Arthur Silber, Amanda Elioff TBD

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