
Subsurface Utility Engineering Advances

(Half day program)

Chair: [Peter Srajer](#)

Description: This program encompasses a wide range of topics, including effective collection of subsurface utilities data, sophisticated mapping and modeling techniques tailored for SUE, and the application of geospatial technologies in utilities collection and mapping. It will also delve into critical infrastructure protection, focusing on the latest sensor technologies such as ground penetrating radar, and the integration of AI and machine learning for enhanced data analysis. Furthermore, the track will address crucial regulatory and governance issues, adhering to ASCE and CSA standards.

Program components: 1 keynote, 1 panel, 4 talks

Day 3 - Talks in theatre 3, panel in panel theatre

Time	Speaker/Talk	Length	Activity
Wednesday October 30 09:00 AM - 09:30 AM	Santosh Saride - 3D GIS Mapping is key for Future Utility Damage Prevention	30 min	Talk
Wednesday October 30 09:45 AM - 10:15 PM	Andrew Walter - City of Kelowna How Can You Manager Your Assets If You Don't Have the Data?	30 min	Talk
Wednesday October 30 10:30 AM - 11:00 AM		30 min	Break
Wednesday October 30 11:00 AM - 11:30 PM	Marvin Mudahy - Utility Mapping With Terraflow	30 min	Talk
Wednesday October 30 12:00 PM - 12:45 PM	Panel: Unlocking the Value of SUE: Standards, Liability, and Integration with SUMDEX	30 min	Panel
Wednesday October 30 12:15 PM - 01:15 PM		60 min	Lunch
Wednesday October 30 01:15 PM - 01:45 PM	Steve Slusarenko - Why the World needs a Subsurface Utility Map Data Exchange	30 min	Talk
Wednesday October 30 02:00 PM - 02:30 PM	Peter Srajer - Subsurface Utility Data – From Field Collection to 3D Modelling	30 min	Keynote