



Presents a two-morning webinar on:

Current Trends in Construction Management

**Wednesday Mornings
September 23 and October 7, 2020**

Web-based Seminar

The ASCE Inland Empire Section is pleased to present a two-part, one-half-day-each workshop on project bidding, construction, and inspection management and other project management related topics.

The seminar will include presentations on:

- UAV Surveys as a Construction Management Tool
- Use of PMWeb, ProCore, and other Software for Project Management Tools
- Automated Tools and Forms for Inspection Reporting
- Using Go Formz to produce quality reports in a timely manner
- The Geo-Institute's geotechnical data interchange initiative known as 'DIGGS'

Presenters for the workshop include:

- Paul Riener, Baker Construction and Development, Inc.
- Kyle Twohig, City of Spokane
- Kara Heatherly, Westcott Consulting Group
- Tim Loucks, PE, Garco Construction
- John Finnegan, PE, GE, LHG, Budinger
- Tom Black, PE, Budinger
- Andrew R. Balavage, CET, Budinger
- Ray De La Cruz, CET, Budinger
- Kara Harwood, Budinger
- Jed Thompson, PE, Stantec
- Justin Moyer, Stantec

This course qualifies for 5 PDH continuing education hours.

Agenda

September 23, 2020

8:45 to 8:50 **Welcome and Introduction**
- Alan Gay, Stantec

8:50 to 9:40 **Bridging the Gap Between Owners and Engineers with PM Software: Procore and Others**
- Paul Riener, Baker Construction

9:55 to 10:40 **Monitoring Quantities at the Midnight Mine with UAVs**
- Jed Thompson and Justin Moyer, Stantec

10:40 to 11:30 **Vacant**
- May be added prior to webinar

October 7, 2020

8:45 to 8:50 **Welcome and Introduction**
- Alan Gay, Stantec

8:50 to 9:40 **Construction Project Management Software – Opportunities and Challenges**
- Tim Loucks, Garco Construction

9:45 to 10:35 **Daily Reporting Made Easier: GoFormz and DIGGS**
- John Finnegan, Tom Black, Andrew Balavage, Ray De La Cruz & Kara Harwood, Budinger

10:40 to 11:30 **Spokane's Use of PMWeb to Integrate Project Communications**
- Kyle Twohig, City of Spokane, Kara Heatherly, Westcott Consulting Group

Session Key:

9/23 **10/7**

Instructor Bios

Paul Riener was introduced into the construction industry at a young age and has over 20 years of experience working construction. He started as a Laborer and moved into commercial framing. From framing, he moved into estimating and a superintendent roll. Hired by Baker Construction in 2013, Paul moved into a Project Manager position. Paul is from Walla Walla, WA and moved to Spokane in 2004.

Jed Thompson is an environmental engineer with over 20 years of professional experience in environmental services and mining. He is passionate about working on unique and challenging projects for the betterment of communities. He's been Stantec's field services manager for the Midnight Mine reclamation project since 2017, and has worked on numerous mining reclamation projects throughout the western United States. Jed is always on the lookout for innovative labor-saving techniques to improve operational efficiency, quality and safety on his projects.

Justin Moyer is a construction field consultant with 10 years of experience in general construction and 5 years of experience in environmental remediation. Justin worked his way through college in the construction industry and graduated from Washington State University with a degree in Construction Management in 2015. He started piloting unmanned aerial vehicles four years ago when he saw a need for faster and safer data collection for active stockpiles. He has been working with Stantec for 3 years on the Midnite Mine remediation project located on the Spokane Tribe of Indians Reservation. a construction field technician and unmanned aerial vehicle drone pilot. Justin has been working with Stantec for 3 years on the Midnite Mine remediation project located on the Spokane Tribe of Indians Reservation.

Kyle Twohig is a 20-year veteran of the construction industry and currently serves as the City of Spokane's Director of Engineering Services. Kyle started his construction career working in contractor shops, framing residences, and as a laborer on a large FAFB project. He received his BA from Loyola Marymount University and MBA from Gonzaga University. From the project at Fairchild he took on entry level construction management roles working on the air base improvements before moving into multi-family construction and development where he held both project management and development positions prior to joining the City of Spokane. In the past 7+ years at the City of Spokane, he has led the Engineering Services team through the largest push in capital project delivery via generational investments in the Combined Sewer Overflow program. The City team designs and delivers the capital program with projects from sewers to streets to trails and bridges. As a Spokane native, there is little more satisfying than improving the place we live, work, and play for all to enjoy.

Kara Heatherly is the Owner of Westcott Consulting Group and a Project Manager by trade. She received her undergraduate degree from Whitworth University and her MBA from Gonzaga University. With nearly a decade of experience in project delivery and process development, Kara has built a career around understanding and improving the environments in which we work and the ways we do business. Kara believes that designing and improving processes reduces waste, allows organizations to focus on critical work, and ultimately, maximizes the capacity of our most valuable resources - our people.

Tim Loucks is a 30-year industry veteran and currently Vice-President-Civil Division for Garco Construction of Spokane, WA. Tim started in construction as a laborer in 1990 and worked as a carpenter and cement finisher through college. He received a BSCE from the University of Idaho in 1994, and has been a project engineer, superintendent, project manager, and operations manager until achieving his current role in early 2014. Since graduation, he has managed construction of projects in 10 states throughout the U.S., including numerous Spokane-area projects such as the NSC/US395 from US2 to Wandermere and NSC/US395 Francis Avenue Overcrossing projects for WSDOT, Combined Sewer Overflow tanks at CSO 34-1, I-04, and 26 and the University District Gateway bridge (City of Spokane), and Lower Granite Dam Juvenile Fish Facility Phase 1A fish passage project (USACE). Tim has spent the majority of his career in heavy civil construction, with an emphasis in construction and modification of bridges and dams. Through these efforts, he has developed specific expertise in reinforced concrete, structural steel, complex earth shoring, and heavy lifting. He has been a licensed Professional Engineer in Washington since 2005, and in Idaho since 2009.

John Finnegan, PE, GE, LHG is the geotechnical services manager and principal engineer. He is a past-president of the ASCE IE section.

Tom Black, PE is the construction services manager. He currently serves on the Greater Spokane Area Building Officials and Special Inspection Firm Collaboration Committee.

Andrew R. Balavage, CET is the Idaho area construction services manager and senior special inspector.

Ray De La Cruz, CET is also a senior special inspector and leads the internal QC program for special inspections.

Kara Harwood is the construction services administrator and is responsible for dispatch and client reports, including internal QC.

Registration

Cost: \$40 for only the September 23rd presentations

\$60 for only the October 7th presentations

\$90.00 for presentations on both days (includes webinar only, no lunch provided!)

Full time students are entitled to a reduced enrollment fee of \$25.00.

Education Credit:

0.5 CEUs (5 PDHs) for attendance of this course.

Deadline Notice:

To ensure participation, enroll early.

Regular Registration will close on September 21st, 2020.

Registration Process:

Go to <https://ascetechnicalseminar.eventbrite.com> to register and provide payment
Webinar Meeting Link and Credentials will be sent on September 22nd.

For more Information:

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