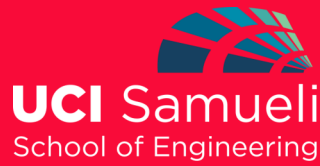




**Presented By:**  
**Rick Walsh, P.E., G.E.**  
**Business Development Manager**  
**Western Region**  
**Hayward Baker, Inc.**



**Department of**  
**Civil and Environmental**  
**Engineering**

# Civil Engineering Seminar Series

**Wednesday, May 17th, 2017**

**MDEA**

**9:30AM to 10:30AM**

## **Practical Applications of Ground Improvement, Structural Foundation & Earth Retention Methodologies**

The presentation will provide an overview of the techniques Hayward Baker is able to incorporate into the development of virtually any project site. This overview will discuss both ground improvement as well as structural applications for the construction of foundation elements for a wide variety of structures as well as earth retention applications. The presentation will provide a brief introduction to the most often employed ground improvement, structural foundation and earth retention methodologies employed by Hayward Baker in Southern California. These methodologies will be presented in such a manner so as to introduce what each entails, what types of sites they may be most beneficial on and a few project examples where these were implemented. Hayward Baker Inc. (HB) is North America's leading geotechnical contractor, offering the full range of pre and post construction services for foundation rehabilitation, settlement control, liquefaction mitigation, soil stabilization, groundwater control, slope stability, excavation support and underpinning. HB is ranked #1 Specialty Excavation/Foundation Contractor by Engineering News -Record, year after year.



Rick Walsh is currently the Business Development Manager for the Western Region of Hayward Baker Inc. The Western Region for Hayward Baker generally includes all areas west of the Rocky Mountains. He holds a degree in Civil Engineering from San Diego State University. Mr. Walsh is a registered civil and geotechnical engineer in California and has over 25 years of experience in geotechnical engineering and specialty geotechnical contracting. Approximately the first 13 years of his career were spent in geotechnical consulting where he held positions ranging from field technician through senior engineer. During his time in consulting he completed analysis and design for a wide variety of projects including mass grading, seismic hazard mitigation, forensic studies, as well as monitoring, analysis and repair of large landslides. During his time as a specialty geotechnical contractor he has held positions including estimator, project manager, regional manager and now business development manager. The variety of projects worked on during this time included all types of ground improvement, deep foundations and earth retention including landslide stabilization. He is active in the ASCE, DFI and ADSC as well as other regional industry groups. He participates in the ADSC and DFI committees for micropiles, drilled shafts and tiebacks and soil nailing. He is the immediate past president of the West Coast Chapter of the ADSC having served in this role from 2012-2015.

Questions? - [cee@uci.edu](mailto:cee@uci.edu) - (949) 824-7548