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## LECTURE: ADVANCING SUSTAINABILITY IN THE GEOTECHNICAL INDUSTRY

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UCBerkeley CSI  
Webinar Series



MAIN  
SPEAKER

Kimberly  
Martin

PhD, PE, Senior Engineer  
– Innovation and  
Sustainability, Keller



Friday March 1, 2024  
9:00–10:00am Pacific Standard Time

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## Webinar Description

Although the term "sustainability" is becoming more widespread, it can be challenging to know what tangible things we can do as geotechnical engineers and contractors to further sustainable development goals. This talk aims to advance our understanding by providing a brief background on sustainability, demonstrating how geotechnical engineers and contractors can significantly impact environmental sustainability, particularly through the use of the EFFC/DFI Carbon Calculator, and offering ideas and insights to push our industry forward on social sustainability.

## Speaker Bio



**Kimberly Martin, PhD, PE**

**Senior Engineer – Innovation and Sustainability, Keller**

Dr. Kimberly Martin executes Keller's sustainability strategy across North America. Her responsibilities include driving innovation initiatives to advance Keller's carbon reduction targets, as well as developing and advising on Keller's internal and external social initiatives. Kimberly was previously a lead geotechnical engineer in the oil and gas industry, contributing her expertise to development projects worldwide. In addition to her professional role, Kimberly is actively engaged in industry groups. She previously served as the chair of the Arizona Geo-Institute chapter and is the secretary for the Geo-Institute's Sustainability in Geotechnical Engineering Committee. Her involvement extends to the DFI's sustainability committee, where she co-chairs the EFFC-DFI Sustainability Guides Task Group. Kimberly is also a member of the editorial panel for Engineering Sustainability, a journal published by the Institute of Civil Engineers. Her scholarly contributions include publishing more than ten peer-reviewed journal and conference papers. Kimberly holds a Bachelor of Science in Civil Engineering from the University of Arizona, a Master of Science from The University of Texas at Austin, and a Doctorate from Arizona State University, where she was an active member of the Center for Bio-mediated and Bio-inspired Geotechnics.