



# The Nature of Water

MARCH 6TH & 7TH, 2023  
MLK JR. BUILDING, WEST PAULEY BALLROOM, 2ND FLOOR  
2495 BANCROFT WAY, BERKELEY, CA 94720

## PROFESSOR DAVID SEDLAK

*Plato Malozemoff Professor, Department of Civil & Environmental Engineering, UC Berkeley*



## BIOGRAPHY

David Sedlak is the Plato Malozemoff Professor in the Department of Civil & Environmental Engineering at UC Berkeley where he is the Co-Director of the Berkeley Water Center. Sedlak is a member of the National Academy of Engineering and recipient of numerous awards including the Paul Busch Award for Innovation in Applied Water Quality Research and the Clarke Prize for Excellence in Water Research. He is also the author of "Water 4.0: The Past, Present and Future of the World's Most Vital Resource" and the forthcoming book, "Water for All".

Professor Sedlak's research focuses on the development of innovative ways to use chemical, physical and biological processes to provide safe and affordable water. Over the past three decades his team's research has included the development of oxidation technologies for removing toxic contaminants like PFAS and nitrosamines from contaminated groundwater and recycled wastewater as well as ways of manipulating natural systems to create conditions conducive to microbial breakdown of contaminants. His research exemplifies the ways that principles of chemistry can be applied to address real-world problems related to water supply, protection of public health and preservation of the environment.

## TALK TITLE

**Adventures  
in Water  
Decontamination**

## QUOTE

*"If water is the essential ingredient of life, then water supply is the essential ingredient of civilization."*

Prof. David Sedlak

SPECIAL THANKS TO

