



Scientists' Luncheon

*Organized by WEF and AEESP
Monday, October 2, 2017, 12:00-1:30 pm*

The Journey: 50 Years of Environmental Science and Engineering 1967-2017 *Turning Obstacles Into Opportunities*

The Water Environment Federation and the Association of Environmental Engineers and Science Professors is pleased to announce the WEFTEC 2017 Scientists' Luncheon speaker, **William J. (Bill) Cooper**. Bill is a Professor in the Department of Civil and Environmental Engineering at the University of California, Irvine. Just prior to WEFTEC, Bill will be completing a four-year stint at the National Science Foundation. Register for this luncheon and network with fellow engineers and scientists while listening to the insights Bill has gleaned from his fascinating career.

Cooper received his B. S. in Chemistry from Allegheny College in 1968 (actually didn't leave until March of 1969). He then studied Organic Geochemistry at Penn State and received his M. S. in 1971. His Ph. D. is in Marine and Atmospheric Chemistry from the University of Miami, 1988 where he spent approximately 6 months doing research at sea. He has held various appointments at Florida International University (1980 – 1997), such as Director of the Drinking Water Research Center and Associate Professor of Chemistry, and at the University of North Carolina, Wilmington (1997 – 2006), as Chair of Chemistry for the first three years and then Professor. He went to UC Irvine as the Director of the Urban Water Research Center as a Professor of Civil and Environmental Engineering in July 2006. He held appointments in Chemical Engineering, and the Department of Policy, Planning and Design in the School of Social Ecology. From Sept 2013 August 2017, he held the position of Program Director, Environmental Engineering, at the US National Science Foundation. His present research interests include photochemically mediated carbon cycling in oceanic and fresh waters, the application of free radical chemistry, advanced oxidation processes, for the treatment of pollutants, and, the environmental photochemical fate of emerging chemicals of concern (pharmaceuticals). He was also part of a large team studying the use of ozone for ballast water treatment to control of invasive species. His recent studies, in the environmental fate of pharmaceuticals, suggest that constructed wetlands may offer a low-cost sustainable approach to treating pharmaceuticals and other emerging chemicals of concern. He has published over 215 papers in peer reviewed journals and 45 chapters in books, and edited 8 books. In November 2011, he was elected as a Fellow of the American Association for the Advancement of Science (AAAS) and in 2014 he was elected Fellow of the Association of Environmental Engineers and Science Professors.

Space is still available for this luncheon. Register at <http://www.weftec.org>



***AEESP is grateful to Brown and Caldwell
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