

**DISTINGUISHED SCHOLAR SEMINAR**

**Thursday, April 4, 2019  
3:30 – 4:30 PM, Bless Auditorium  
Williamson Hall Room 100**

**William (Bill) J. Cooper, Ph.D.**

Professor Emeritus, Department of Civil and  
Environmental Engineering University of California, Irvine

**Current Understanding of Natural Organic Matter  
Photochemistry and Implications in Constructed  
Wetlands, Environmental Fate and Coastal Studies**



Dr. Cooper's research focuses on better understanding the sunlight-mediated photochemistry of pharmaceuticals and other compounds of emerging concern in surface waters. The ultimate goal of this research is to provide the scientific basis for designing and optimizing constructed wetlands. The kinetic data that result from such studies can also be used to evaluate the environmental fate of organic compounds, and to better understand processes in coastal streams and wetlands.

*Co-sponsored by the Department of Geological Sciences, CLAS and The Environmental Engineering Sciences Department, ESSIE, and hosted by Water Institute Affiliate faculty members Drs. Mark Brenner (brenner@ufl.edu) and David Kaplan (dkaplan@ufl.edu).*