



Algal blooms: Why They Matter and What To Do

Tuesday, November 5, 2019

5:30pm Registration and Refreshments; **6:15pm** Presentation and Discussion; **7:30pm** Wrap Up

GWU Science and Engineering Hall, Room B1270, [800 22nd St. NW, Washington, DC 20052](#)

George Washington University Dept. of Civil & Environmental Engineering - Event Co-sponsor

(Enter at corner of H St NW & 22nd St NW. Take lobby stairwell down one level)

Welcome

Leila Farhadi, PhD – Assistant Professor for George Washington University's Department of Civil & Environmental Engineering

Event Speakers

Matt Harper – Head of the Aquatic Resources Management Unit , Montgomery County Parks

Matt Harper is an Aquatic Ecologist with Montgomery County Parks with over 15 years of experience in the field. As the head of the Aquatic Resources Management Unit, he manages the stewardship of 457 miles of streams, wetlands distributed throughout 26,000 acres of forest, and more than 500 lakes, ponds and stormwater management facilities in the 36,895-acre Maryland park system. Matt runs parks' biological monitoring program and specializes in environmental review of stream restoration and stormwater projects on parkland. He holds a B.S. in Entomology and a B.S. in Ecology and Evolutionary Biology from Cornell University.

Kevin Sellner, Ph.D. – Senior Scholar in Hood College, Maryland

Trained as a biological oceanographer and phytoplankton ecologist, Kevin focused his initial research career on phytoplankton dynamics and fate of primary production in fresh and marine waters. His interests expanded to harmful algal blooms (HABs) in the mid-1980's which he continues to pursue in his retirement as a Senior Scholar in Hood College's Center for Coastal and Watershed Studies through cyanobacteria monitoring and mitigation projects in western Maryland. He is a member of the national Interstate Technology and Regulatory Council's Strategies for Preventing & Managing Harmful Cyanobacterial Blooms (HCBs) Team which will provide web guidance and options on mitigating freshwater cyanobacteria blooms. Kevin has published >100 papers, reports, and factsheets and as a Frederick County, MD resident, he is a member of the Frederick County Sustainability Commission and advises county and city officials on local water quality, land use, and future conditions and options to respond to our changing climate.

REGISTRATION is only \$10 for members and students or \$15 for non-members. Professional Development Hour (PDH) certificates provided for attendance. Tickets will be available at the door or online.

Please register by Friday, Nov 1st at <http://www.awrancrs.org/events.html>

or email Mathini Sreetharan/Membership Chair at natcapawra@gmail.com and pay at the door. (Make checks payable to AWRA-NCR Section)

Become a member at <http://www.awrancrs.org/membership.html>