

Algal Identification in the Environment

Dr. Dail Laughinghouse, Assistant Professor and Mr. David Berthold, M.S., Biological Scientist – Applied Phycology, University of Florida/IFAS, Fort Lauderdale Research and Education Center.

Content may be adjusted for virtual workshop attendance. Please stay tuned to FLMS website for updates.

Part 1: Workshop Description:

This workshop is designed as an introduction to the general groups of freshwater algae, their ecology and diversity. We will review key features distinguishing the major algal groups: cyanobacteria, chlorophytes, diatoms, dinoflagellates, red algae, euglenophytes, etc. and spend some time looking at specimens under the scope.

Part 2: Workshop Description:

This workshop has a special focus on harmful and nuisance algae (focusing on cyanobacteria) in freshwater systems. We will dive into the ecology of both planktonic and benthic members of this group, while identifying major problematic taxa (genera and species). Together, we will identify morphological features that are used to discern these genera. Depending on time, aspects of toxicity and control will also be discussed.

More information about the workshop presenters can be found at the following link

<http://flrec.ifas.ufl.edu/faculty/h-dail-laughinghouse/>