

Aquatic Ecology

Aquatic ecology group studies ecological interactions between biota and their environment in freshwater and marine ecosystems. The group focuses particularly on the ecological interactions and their underlying ecological processes necessary to sustain ecosystem structure and function in their natural state. A unified theme for our researches is to integrate sound ecological researches into environmental management and policy. On-going research topics include: consequences and control of aquatic species invasions, ecophysiology of cyanobacterial blooms, effective design and implementation of marine protected areas, watershed disturbance predictive models, the effectiveness of wetland mitigation,



Faculty and staff

Pan
Rueter
Larson
Maser
Granek
Sytsma
Waite
Carpenter
Kelly
Edwards
Christy
Bauer

PhD Students

Rouhe
Parker

Affiliated centers or institutes

Center for Lakes and Reservoirs

Example Graduate Courses

ESM 524	Wetland Ecology
ESM 526	Ecology of Streams and Rivers
ESM 573	Phytoplankton Ecology
ESM 575	Limnology and Aquatic Ecology
ESM 577	Limnology Field Lab
ESM 578	Aquatic Vascular Plants
ESM 580	Coastal Marine Ecology

