

Workshop to Develop Research Priorities for Invasive Aquatic Plants
Working Groups

Invasive Plant Ecology and Interaction Native Plant Communities

Description. Evaluation of the autecological processes significant to the success and spread of invasive aquatic plants, their interaction with the physical environment, effects on native plant communities.

John D. Madsen (Mississippi State University), *Chair*

Interaction of Invasive Plants with Environment and Other Biota

Description. The effect of invasive plants on the littoral habitat for fish and other biota, environmental parameters (e.g., water quality), and ecosystem processes.

Eric Dibble (Mississippi State University – Wildlife & Fisheries), *Chair*

Invasive Plant Physiology and Photosynthesis

Description. Advances in research on physiology and photosynthesis as it relates to invasive plant ecology and management.

Lars Anderson (USDA-ARS Exotic and Invasive Weed Research), *Chair*

Invasive Plant Taxonomy

Description. Advances in both classical and molecular taxonomy of invasive aquatic plants, issues in invasive plant identification, and future role in invasive plant management.

Michael Moody (Indiana University). *Chair*

Invasive Plant Management: Biological Controls (Insect, Grass Carp, and Pathogens)

Description. Advances in research on insect or pathogen biological control agents, both classical and naturalized, future prospects for biological control, and integration into ongoing management programs.

Jim Cuda (University of Florida). *Chair*

Invasive Plant Management: Chemical Control: Herbicide technology and Nontarget Effects

Description. Advances in research on the use of herbicides to effectively control invasive aquatic plants, including new chemistry, new formulation, advances in detection, new

uses, product stewardship, and other issues. Advances in understanding the impact of herbicide use on aquatic organisms other than vascular plants.

Kurt Getsinger (USAERDC Vicksburg). *Chair*

Invasive Plant Management: Physical and Mechanical Control

Description. Management of invasive plants through the use of mechanical devices (harvesters, cutters, rotovators, diver-operated suction harvesters) or through alteration of their physical environment (dredging, dyes, light alteration, nutrient alteration, drawdown, fire).

Charles Boylen (Rensselaer Polytechnic Institute), *Chair*

Revegetation after Management: Planting Native Plants

Description. Advances in revegetation or restoration of native plants after management of invasive species, issues, and results.

Michael Smart (USAE-ERDC, Lewisville Aquatic Ecosystem Research Facility), *Chair*

Management of Invasive Aquatic Plants: Federal and State Management Issues

Description. Session for state invasive plant management coordinators to discuss region-specific issues they see that could be resolved through additional research, and their view of how research has improved the ability to manage invasive aquatic plants.

Pat Akers (California Department of Food & Agriculture), *Chair*