



Monitoring progress of *Egeria* control efforts

Tracking curlyleaf pondweed



Participants

- USDA-ARS Exotic & Invasive Weeds Research Unit
- UC Davis (four departments)
- NASA Ames Research Center
- California Department of Parks and Recreation – Division of Boating and Waterways
- California Department of Food & Agriculture
- Sacramento-San Joaquin Delta Conservancy
- County mosquito vector control districts

For more information

ucanr.edu/sites/DRAAWP/



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DRAAWP

Delta Region Areawide Aquatic Weed Project

A partnership for combatting aquatic weeds in the Sacramento – San Joaquin River Delta system



Aquatic weeds invading the Sacramento-San Joaquin Delta

- Alter habitat quality
- Impede pumping and irrigation
- Hinder navigation
- May provide breeding habitat for mosquitos

DRAAWP Components

Operational

- Improve the planning and deployment of management activities

Assessment

- Detect and quantify aquatic weeds using remote sensing
- Prioritize management sites based on models, remote sensing, and water resource needs
- Assess the effectiveness of management activities and assess impacts on water resources & non-target organisms including native plants, fish, and mosquitos

Research

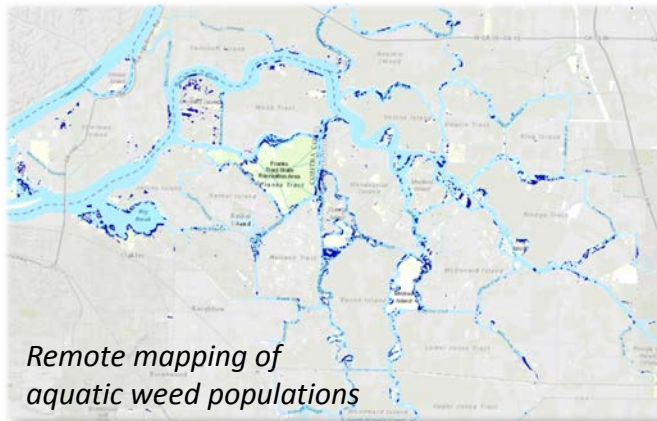
- Develop & evaluate management techniques for waterhyacinth, egeria, arundo, and other aquatic weeds
- Model pesticide loading, plant growth & movement to predict management impacts

Outreach

- Report progress in meetings for the public, stakeholders, and the scientific community
- Develop communication products, information sheets, brochures
- Webpage (ucanr.edu/sites/DRAAWP/)



Monitoring movement of waterhyacinth

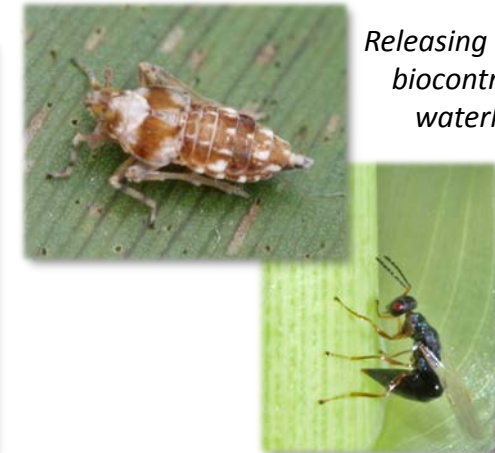


Remote mapping of aquatic weed populations

Monitoring dissolved O₂ following management



Evaluating effects of aquatic weeds on mosquito populations



Releasing and tracking biocontrol agents on waterhyacinth and arundo

Evaluating management using herbicides

