AQUATIC WEED SCHOOL

November 1-2, 2006 ■ UC Davis

Learn about identification, biology, ecology, control and regulations for management of aquatic weeds

UC Weed Research & Information Center
http://wric.ucdavis.edu

The Aquatic Weed School is an intensive **two-day course** focusing on issues associated with developing weed management strategies in a variety of aquatic ecosystems.

The first day of the course will cover ecological classification, biology and impacts of aquatic weeds, physical and chemical characteristics of aquatic ecosystems, the biology of aquatic weeds, and hands-on aquatic weed identification including potentially new invasives.

On the second day, we will discuss management of aquatic weeds and the decision making process for selection of appropriate management options, physical and mechanical control methods, water management methods, biological and chemical control, and restoration and sustainable ecosystem management.

In addition, the course will also cover regulatory issues concerned with prevention strategies, updates on the Aquatic Nuisance Species State Plan and the National Pollutant Discharge Elimination System (NPDES) Permitting Program, and endangered species.

The school is designed for professionals in consulting, research and management of aquatic weed systems throughout the western United States. The topics are presented in a lecture and hands-on format. Lecture notes plus an identification diagnostic CD for grasses and the newly developed diagnostics for broadleaf weeds will be provided in a comprehensive notebook. The *Aquatic and Riparian Weeds of the West* book will also be available for purchase.

UC Cooperative Extension Weed Specialist Joe DiTomaso and USDA ARS Plant Physiologist Lars Anderson lead a faculty of top government and university scientists.

Day 1

(November 1, 2006)

Ecological classification and impacts of aquatic weeds
Aquatic ecosystems
Physical and chemical characteristics
Biology of aquatic weeds

- growth and dispersal of aquatic species
- fish/plant interactions

Laws and regulations

- prevention strategies
- update on Aquatic Nuisance Species State Plan
- update on NPDES
- legal aspects of endangered species (aquatic and riparian systems)

Aquatic weed identification and potentially new invasives

- diagnostic program and specimen observation and identification

Day 2

(November 2, 2006)

Decision making process for selection of appropriate management options
Physical and mechanical control methods

- hand held physical removal techniques
- bottom barriers
- large equipment for physical removal
- outdoor application equipment demonstration

Water management for aquatic weed control
Biological control (fish and insects)
Chemical control

- mode of action and degradation of aquatic herbicides
- algae control methods; chemical and non-chemical
- practical uses and application techniques for aquatic herbicides in aquatic and riparian systems
- potential new compounds through IR-4 program

Restoration and sustainable ecosystem management

- competition interactions among aquatic plants
- principles of and restoration
- case study for restoration in an aquatic system

Times and Locations

Day 1 Nov. 1, 2006 ▪ 8:30 AM–5 PM
University Club, UC Davis
Day 2 Nov 2, 2006 ▪ 8 AM–4:15 PM
Bowley Science Center, UC Davis

Course fee

$350 Early registration (received by 10/15/06)
$375 Registration (received after 10/15/06)
The course fee includes handout materials, refreshments and lunch each day.

Register

MAIL your completed registration form along check or credit card information to:
Weed Research & Information Center
University of California
Dept. of Plant Sciences—Mailstop 4
One Shields Avenue
Davis, CA 95616;

FAX your completed registration form along with your credit card information to: **(530) 752-4604**.

ONLINE
http://wric.ucdavis.edu/education/education.html

Only credit card payments accepted with faxed and online registration. Class size is limited, so early enrollment is suggested. Confirmation notices will be e-mailed within 5 working days.

Continuing Education Credit

The course is approved for 14 hours of DPR continuing education credit, including 2 hours of laws.

Refunds

Refunds (less a $50 processing fee) will be granted if a written request is received 14 calendar days before the start of the course. If you are unable to attend, you may send a substitute in your place.

We reserve the right to cancel or replace an instructor. Every effort will be made to notify enrollees of any changes or cancellations.

For more information

Visit **http://wric.ucdavis.edu** and click on "Aquatic Weed School" or contact the Weed Research & Information Center at **wric@ucdavis.edu** or (530) 752-1748.

One registrant per registration form.

AQUATIC WEED SCHOOL 2006 **REGISTRATION FORM**
November 1-2, 2006 ▪ UC Davis

NAME
COMPANY
ADDRESS
CITY, STATE, ZIP CODE
PHONE
FAX
E-MAIL

Method of payment:

☐ Check enclosed (payable to UC REGENTS)

☐ Charge to my credit card: ☐ VISA ☐ Mastercard ☐ American Express

ACCOUNT NUMBER	EXPIRATION DATE
CARD HOLDER NAME	SIGNATURE

☐ UC recharge account number

RECHARGE NUMBER

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