

Wetlands Monitoring Group Volunteer Monitoring Workshop

Dates: February 6-7, 2010

Richmond Field Station Building 445

Cost: \$30 (fee includes lunch and CRAM training booklet)

Event Sponsors

SFEI, SF RWQCB, SF Bay Joint Venture, and the Citizens Committee to Complete the Refuge.

Day 1 Morning

- 9:00 Welcome: The importance Volunteer monitoring capacity is needed: Adaptive management concepts, effective advocacy, CCMP, Upland Goals, MRP, etc.
[Andree Greenberg](#), Staff Environmental Scientist, San Francisco Bay Regional Water Quality Control Board.
15 min
- 9:15 Workshop Overview
[Meredith Williams](#), Senior Project Manager, Wetlands and Watersheds Programs, SFEI
- 9:30 Monitoring frameworks: Level 1-2-3, project scale, watershed scale, ambient scale
[Josh Collins](#) Senior Scientist, Wetlands Program Manager, SFEI
45 min
- 10:15 break
- 10:30 Program examples of Bay Area volunteer monitoring. Cover training requirements, protocols, etc.
[Julian Wood](#) Terrestrial Program Biologist PRBO Conservation Science 20 mins
[Michelle Luebke](#) Watershed Monitoring Coordinator, Contra Costa County, Community Development Department 20 mins
- 11:15 What's happening around the state? Volunteer monitoring in California
[Erick Burres](#) Citizen Monitoring Coordinator, SWRCB-SWAMP-Clean Water Team
30 minutes
- 11:45 lunch

Day 1 Afternoon

- 12:30 Panel discussion: Challenges for volunteer monitoring: volunteer continuity, QAQC, Funding streams, data management, monitoring priority (e.g. vs. restoration)
[Michelle Luebke](#)
[Julian Wood](#)
[Erick Burres](#)
60 mins
- 1:30 Introduction to CRAM: CRAM concepts, Uses of CRAM. What does it tell us? What is an ambient survey? What can you learn from using it?
[Letitia Grenier](#), Conservation Biology Program Manager, SFEI
75 min
- 3:00 Q & A and adjourn

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Day 2 Morning

- 9:00 Panel discussion: The different uses of CRAM: regulatory, management, science, education
[John Callaway](#) Professor, Environmental Studies | Environmental Science University of San Francisco
[Cliff Harvey](#) Environmental Scientist, Water Quality Certification and Wetlands Unit, Division of Water Quality
State Water Resources Control Board
[Meredith Williams](#)
75 min
- 10:15 CRAM classroom [Sarah Pearce](#) Geomorphologist, SFEI
75 min
- 11:30 Marsh field work considerations and precautions
- 11:45 Lunch
Head out to field

Day 2 Afternoon

- 12:30 CRAM field SFEI CRAM trainer and additional CRAM trainers [Sarah Pearce](#)
120 min
- 2:30 Head back to classroom
- 2:45 CRAM classroom wrap up [Sarah Pearce](#) and [Letitia Grenier](#)
30 min
- 3:15 Adjourn

