

## **Report for 2002HI6B: Technology Transfer**

There are no reported publications resulting from this project.

Report Follows:

## *WRRC Seminar Series*

The Seminar Series is designed to foster communication amongst WRRC researchers, students, and the research audience of government officials, private sector personnel and members of the public interested in water resources. A WRRC faculty member is appointed each semester to draw up and invite a list of speakers. Topics vary depending on interests of the coordinator and availability of speakers. Typically, the seminars include reports of WRRC projects and discussions by government officials of emerging water-related issues. A list of seminars presented during the reporting period follows.

### **Spring 2002 Seminar Coordinator: Phil Moravcik**

- 3/7/2002 Dr. Edward Laws  
Human Impacts on the Fluxes of nutrients and Sediment in  
Waimanalo Stream, Oahu, Hawaiian Islands
- 3/14/2002 Eric DeCarlo  
Sediment and Water Quality in Subtropical Watersheds: Focus  
on the Ala Wai Canal Watershed, Honolulu, HI
- 3/21/2002 June Harrigan  
What are Water Quality Standards, and How Have they Been  
Used and Misused in Water Quality Work?
- 4/4/2002 Dave Penn  
Impaired Waters and Total Maximum Daily Loads: Blessing or  
curse for Hawaii Water Quality?
- 4/18/2002 Melissa Farinas, Michael McMahon and Maile Bay  
Community-Based Watershed Planning and Implementation

### **Fall Semester 2002: Seminar Coordinator: Clark Liu**

- 9/5/2002 Aly El-Kadi  
Assessment and Protection Plan for the Nawiliwili Watershed  
(Kauai)
- 9/19/2002 William Tam  
Hawaii Water Code
- 10/3/2002 Lauren Hay  
Current and Future Prospects in Watershed Modeling
- 10/17/2002 Alan Murakami  
Reserved Hawaiian Water Rights
- 11/7/2002 Keoni Fairbanks  
Water Issues on Kahoolawe
- 11/21/2002 Paul Achitoff  
Waiahole Water Case
- 12/5/2002 Ezra Kanoho  
Water Rights Issues at the Legislature

**Spring Semester 2003: Seminar Coordinator: James Moncur**

01/27/2003 Charles Howe (Special Seminar)  
Economic Efficiency and Equity Considerations in Regional  
Water Transfers: A Comparative Analysis of Two Basins in  
Colorado

2/6/2003 Ka'eo Duarte  
Long-Term Discounting of Groundwater Resources for  
Sustainability

3/6/2003 Barry Usugawa  
Watershed Planning & Management

3/20/2003 Ross Tanimoto  
Water Treatment and Effluent Disposal

03/28/2003 Joel D. Blum and John D. MacArthur (Special Seminar)  
Forest Biogeochemistry of Calcium: Acid Rain, Mineral  
Weathering and a Whole-Watershed Calcium Addition

4/3/2003 James Roumasset  
Economic Modeling of Water Allocation

4/17/2003 Robert Ward  
Incorporating Sound Science into Water Quality Monitoring

5/1/2003 Denise DaCosta  
Water Conservation Education Programs

*WRRC Website: 2002-2003*

WRRC's website has undergone considerable revision, including changing the URL to [www.wrrc.hawaii.edu](http://www.wrrc.hawaii.edu). However, the site continues to provide current and historical information to people and agencies interested in water issues and problems, as well as water topics in general. The site includes conclusions generated through WRRC research projects, descriptions of current projects, background of faculty and extensive links to related University departments as well as federal, Hawaii and Pacific agencies and organizations.

The website is by nature a work in progress and is updated frequently. Increasingly, WRRC publications are posted on the site and hyperlinks provided to reports or related information. Abstracts of WRRC publications are provided at the website. Seminar announcements are posted on the website, and conference agendas and registration information is available there.

*WRRC Conference*

WRRC organized and hosted a conference January 15-16, 2003, under the title "Scientific, Regulatory and Cultural Factors Influencing Water and Environmental Issues in Tropical Pacific Islands." Speakers came from Hawaii state and local water and wastewater agencies, from UH faculty and the mainland U.S. and a contingent from the Pacific Water Association, dealing with

Pacific island nations' issues. Sessions were presented on:

- Issues facing drinking water utilities
- Issues facing wastewater management agencies
- Cultural, economic and legal impacts on water issues
- Water issues affected by climate, drought, floods and alternative sources of water
- Issues of groundwater/soil contamination and remediation
- Special water issues for small and remote Pacific islands
- Issues related to environmental water quality and watershed management
- Water issues related to crop and animal production

In addition, UH WRRC organized the March 2003 NIWR conference, held in Washington D.C., handling registration details as well as organizing the meeting presentations.

#### *WRRC Newsletters and Project Bulletins*

Researchers need channels of communication to potential users of their results. WRRC needs a means of publicizing its project results and other activities. Newsletters and project bulletins convey this information in an informal, non-technical manner. During the reporting period, one newsletter was produced. It can be viewed at [www.wrhc.hawaii.edu](http://www.wrhc.hawaii.edu).