

Water Resources Coordinating Conference
and
Surface Water Quality Workshop
April 26 -27, 2006
Woodland, California

Poster Session Legend

1. **Elemental Mercury Balance of a San Francisco Bay Dominant Tidal Plant Species, *Salicornia virginica***
Jenny Jensen

2. **Lessons Gleaned From Hands-On Fertigation Classes**
Aziz Baameur *UCCE Farm Advisor, Santa Clara County &*
Mike Cahn *UCCE Farm Advisor, Monterey County*

3. **The Significance of Indirect Deposition on Seasonal Changes of PAH Concentrations in Northern California Surface Waters**
Daekyun Kim *Agricultural and Environmental Engineering Graduate Group*
& Thomas M. Young, PhD., *Associate Professor, Dept. of Civil and*
Environmental Engineering, UC Davis

4. **Nitrate Concentration Trends and Processes Leading to Load Reductions in the Pajaro River, Central Coastal CA: The Influence of Surface Water – Ground Water Interactions.**
Marc Los Huertos, Ph.D. *Environmental Studies, UC Santa Cruz*
Andy Fisher, Chris Ruehl, Christine Hatch, Scott Wankel, Greg Stemler, Chris
Wheat, Carol Kendall, Carol Shennan, Jim Constantz, Jonathan Lear &
Robert Sigler

5. **Stream Temperature Monitoring and Evaluation in Northeastern California**
D.L. Lancaster *UCCE County Director, Modoc County*, K.W. Tate & D.F. Lile

6. **Using Constructed Wetlands to Mitigate Nutrient Runoff in Irrigated Agriculture**
A.T. O'Geen PhD. *Assistant Soil Resource Specialist – Land, Air & Water*
Resources UC Davis, J.J. Maynard, N. Brauer, J. Deng & R.A. Dahlgren

7. **Year-Round IPM Programs from the University of California**
Mary Louise Flint, *Director – IPM Education and Publications UC Statewide*
IPM Program and Extension Entomologist – UC Davis, Carolyn Pickel,
Joyce Strand, Jodi Azulai, Barbara Ohlendorf & Peter Goodell

8. **Pesticide Choice in Alfalfa Hay May Protect Water Quality**
Rachael Long, *UCCE, Yolo/Solano/Sacramento Counties*

9. **Sediment-Bound Pyrethroid Pesticide Analysis**
Tessa Fojut, *PhD. Candidate in Agricultural and Environmental Engineering & Thomas Young, Associate Professor, Dept. of Civil Engineering and Environmental Engineering, UC Davis*
10. **Diuron in California's Water Supply: Transformation and Associated Risks**
Wei-Hsiang Chen, *PhD. Student, Dept. of Civil and Environmental Engineering, UC Davis*
11. **The Real-Time Data and Forecasting Project (RTDF)**
Ted Swift, *PhD., Environmental Scientist – DWR Municipal Water Quality Investigations Branch*
12. **Uncertainty Analysis for Complex Watershed Models: Determining Science-Based Margin of Safety (MOS) for Pesticide TMDLs**
Yi Zheng, *PhD. Candidate, Bren School of Environmental Science & Management, UC Santa Barbara*
13. **Sorption and Desorption of Atrazine and Diuron onto Primary Soil Particles**
Peng Wang and Arturo A. Keller, *Bren School of Environmental Science and Management, UC Santa Barbara*
14. **Quantitative Microbial Source Tracking Using *Bacteroidales*: Comparison of Incidence of *Bacteroidales* with that of *E. Coli***
Sung Woo Bae, Belinda McSwain & Stefan Wuertz, *Dept. of Civil and Environmental Engineering, UC Davis*
15. **Quantitative Microbial Source Tracking Using *Bacteroidales* and Human Virus Monitoring in Calleguas Creek Watershed**
Beverly Kildare, Mario Lorente and Stefan Wuertz, *Dept. of Civil and Environmental Engineering, UC Davis & Dustin Bambic, Larry Walker Associates, Lafayette, CA*
16. **Using Forages and Livestock to Manage Drainage Water in the San Joaquin Valley**
Steve Kaffka, *CE Agronomist, UC Davis*, Murshidul Hoque, *UC Davis*, Dennis Corwin, *GEB Jr. Salinity Lab*, Jim Oster, *UC Riverside*, Bruce Roberts, Ceil Howe, *Westlake Farms*
17. **Farm Water Quality Planning**
Julie Fallon, *Program Rep., UCCE San Luis Obispo Co.*
18. **Natural Wetlands Mediate Non-Point Source Pollution in Runoff from Irrigated Pastures**
A.K. Knox & R.A. Dahlgren, *Land, Air and Water Resources – UC Davis* & K.W. Tate, *Plant Sciences, UC Davis*

19. **Leaching Risk of Micro-Pollutants During Wastewater Irrigation**
F. Ernst, *Staff Research Associate, UC Riverside*, S. Bondarenko, *Postdoctoral Scientist, UC Riverside*, S. Bries, *Postdoctoral Scientist, UC Riverside*, & J. Gan, *Professor and Water Quality Specialist, UC Riverside*
20. **Survey for Synthetic Pyrethroids Within the San Diego Creek/Newport Bay Watershed**
R. Budd, *Graduate Student, UC Riverside*, S. Bondarenko, *Postdoctoral Scientist, UC Riverside*, & J. Gan, *Professor and Water Quality Specialist, UC Riverside*
21. **Automatic Water Flow Measurement in Flumes**
F. Ernst, *Staff Research Associate, UC Riverside*, J. Gan, *Professor and Water Quality Specialist, UC Riverside*, J. Newman, *Farmer Advisor, UCCE Ventura County*, B. Faber, *Farm Advisor, UCCE Ventura County*, & Laosheng Wu, *Professor and Water Quality Specialist, UC Riverside*
22. **Automatic Sensing and Sampling Storm Water Runoff**
F. Ernst, *Staff Research Associate*, L.S. Wu, *Professor and Water Quality Specialist, UC Riverside*, J. Lu, *Project Scientist, UC Riverside*, J. Newman, *Farmer Advisor, UCCE Ventura County*, B. Faber, *Farm Advisor, UCCE Ventura County*, J. Gan, *Professor and Water Quality Specialist, UC Riverside*
23. **University of California Water quality Program to Assist Nursery Growers in Reducing Pesticide Runoff**
Kristine Gilbert, Julie Newman, Dale Zurawski, Amy Ellis & Ben Faber, *all affiliated with UCCE Ventura County*, J. Gan, *Professor and Water Quality Specialist, UC Riverside*, Laosheng Wu, *Professor and Water Quality Specialist, UC Riverside*, & Don Merhaut, *Dept .of Botany & Plant Sciences, UC Riverside*
24. **University of California Water quality Programs for Floriculture & Nursery Growers in Ventura and Los Angeles County**
Kristine Gilbert, Julie Newman, Dale Zurawski, Amy Ellis & Ben Faber, *all affiliated with UCCE Ventura County*, J. Gan, *Professor and Water Quality Specialist, UC Riverside*, Laosheng Wu, *Professor and Water Quality Specialist, UC Riverside*, & Don Merhaut, *Dept .of Botany & Plant Sciences, UC Riverside*

Table top poster: What You Use In Your Garden Affects Our Water

Karey Windbiel-Rojas & Mary Louise Flint, *University of California Statewide IPM Program, UC Davis*
able top poster – Mary Lou Flint