

SoCal SETAC NEWS

Society of Environmental Toxicology and Chemists
Southern California Chapter

Volume 7, Issue 2

<http://wanspages.prodigy.net/socalsetac/>

August 2000

In This Issue:

- *Chapter News/
President's Corner*
- *SoCal Chapter Meeting
Summary*
- *TMDL Dinner Meeting Info*
- *2000-2001 Board/Officers*
- *Meet The Board*
- *California Coastal Cleanup*
- *Calendar of Events*

President's Corner...

Joseph R. Gully **SoCal SETAC President**

I need to start this article by thanking and acknowledging the tremendous efforts of our officers during the past year. Jack Anderson, Marilyn Schwartz, Lan Wiborg, and Chris Stransky who, with the help of the Board, have really rejuvenated the Chapter and put us on a course to become an active and effective entity in environmental issues important to Southern California and elsewhere. I also need to thank outgoing Board members Phil Markle, Dave Gutoff, and Scott Steinert for their contributions and guidance. However, I am confident that the new Board members (Steve Bay, Tim

Mikel, and Karen Riveles) will continue to serve the Chapter well and I look forward to working with them. Finally, I am forever grateful to Kat Prickett for "volunteering" for the Vice-President office. This is the first step in a three year commitment to the Chapter (VP, President, and Past President) and involves a considerable amount of work, not the least of which is planning next year's Annual Meeting.

Speaking of the Annual Meeting, if you did not attend this year's conference in Del Mar, you missed a quality meeting. I will ignore the details here since they are covered elsewhere in the newsletter, but I am grateful to all the people who volunteered their time, expertise, and money to be a part of the meeting and ensure its success. Specifically, I need to thank the short course instructors (Debra Denton and Victor deVlaming), our plenary speakers (Dr. Howard Bailey, Alexis Strauss, Maryann Jones, John Van Rhyn, and Dr. Donald Duke), session chairs (Steve Bay and Jeff Armstrong), all the people who

contributed posters and platform presentations, and, last but certainly not least, the folks who manned the registration desk. I can only hope that Kat has the benefit of working with such an energetic, enthusiastic, and committed bunch for next year's meeting.

The recent Annual Meeting was the culmination of our collective effort to re-invigorate the Chapter and provide the membership with a consistent quality product. I think we have generally been very successful in this endeavor through consistent publication of the newsletter, organization of quality dinner meetings, and the quality of the Annual Meeting. However, I and the other Board members and Officers see the need to move the Chapter forward into a more active role in technical activities related to environmental toxicology and chemistry. This will be the major goal and focus during my term as President.

Towards this goal, we are proposing the incorporation of SCTAG (Southern California Toxicity Assessment Group) as a formal technical review and advisory committee under the

guidance and support of SoCal SETAC to the SCTAG governance. If you are unaware of SCTAG, it is an *ad hoc* group of interested parties from academia, consulting, regulatory, and regulated communities that has been quite successful in providing evaluation, review, and guidance on a variety of issues related to toxicity testing at the State and even the National level. If accepted, this relationship will serve as the model for the formation of other technical review and advisory committees under SoCal SETAC. I would encourage any member(s) who are interested in forming such a committee to submit a brief proposal to the Board (through me since our Secretary position is vacant) describing the relevance, focus, and potential activities of the group.

A final thought related to expanding the scope of the Chapters activities is to remember that nothing can be accomplished without the efforts of individuals within the Chapter. We have the benefit of being a regional and relatively small professional organization where any member can easily become involved and influence the direction of the Chapter. I would encourage all members to consider how SoCal SETAC could assist you in your professional activities, how you might contribute to making it happen, and contact any Board Member or Officer with your ideas and interests. This is your

Chapter, please take advantage of the opportunities available to you as a member.

TMDL Dinner Meeting is Scheduled for Sept. 14th

Contributed by Ian Adam

Please join us an evening of fun and socializing at our So. Cal SETAC Dinner meeting in September. Meet new members, mingle with old friends and show your support for the chapter. Arturo Keller, Ph.D., a Professor at the Bren School of Environmental Science and Management, UCSB, will give a presentation on Watershed Management and the use of TMDL's. The meeting will take place on September 20th, 2000 from 5-8 pm at the Pierpont Inn in Ventura. A registration form is included at the end of the newsletter.

The presentation is titled *Watershed Management: New Challenges, New Tools, New Approaches*. It is aimed at professionals involved in watershed management who are faced with the development and implementation of NPDES and TMDL regulations. The talk will outline the need to understand the emerging modeling tools available and the practical aspects of justifying a project via cost/benefit analysis, stakeholder group formation and consensus building.

Arturo Keller, Ph.D., is a

Professor at the Donald Bren School of Environmental Science and Management, University of California, Santa Barbara. Dr. Keller received his M.S. and Ph.D. degrees in Civil Environmental Engineering from Stanford University. His research interests involve fate and transport of pollutants in the environment to understand the process through which contaminants may accumulate or transform in soil, air or water, as well as in the biota, with an emphasis on developing better management strategies for dealing with pollutants in the environment.

SoCal SETAC 2000 Annual Meeting

Contributed by Joe Gully

The SoCal SETAC 2000 Annual Meeting was held from June 15-17 in Del Mar at the DoubleTree Hotel. The meeting was attended by over 65 people and included a short course on toxicity test data interpretation, a plenary session on stormwater quality management, two concurrent platform sessions, a poster session, and a harbor cruise cocktail party. Based on my observations and feedback from attendees, the information presented was very timely and high quality. I think some people might have even enjoyed themselves. I won't mention any names but you know who you are.

The "Taming the Wild, Wild, WET" short course was offered on 6/15 and was attended by about 28 people representing all professional sectors associated with toxicity testing, especially State and regional regulatory agencies. Reviews distributed during the course indicated that the material was very useful and addressed many common questions related to the analysis and interpretation of toxicity data. The course also served as a great opportunity for informal discussion of contentious issues between the attendees and the instructors which was probably more insightful than the official curriculum.

On Friday, June 16th, the day began with a Board Meeting where incoming and outgoing Directors and officers worked on a variety of issues regarding the future of the Chapter which are discussed elsewhere in the newsletter. After lunch, the meeting was officially opened with presentations from several SoCal SETAC officers including a very touching presentation of the first annual Marissa Gaumont Memorial Award of Service. This consisted of a \$200 award presented to Mary Ann Acosta from Kids at Heart by Marilyn Schwartz in the name of Jack Anderson (outgoing Past President). Kids at Heart is a non-profit group who offer tutoring to economically and socially disadvantaged children in the region. Marissa

Gaumond was an avid volunteer and an instrumental founding member of SoCal SETAC who was taken from us much too soon in 1999 after a courageous battle with a rare and aggressive cancer. Marissa's mother was in attendance and it was only appropriate that Marilyn Schwartz, Marissa's co-worker and close friend, presented the first award.

After a break, we got down to the business of the conference with a multi-faceted and insightful plenary on the management of stormwater quality. The importance of managing stormwater quality was presented by Dr. Howard Bailey (EVS Consultants) through case studies from the Pacific Northwest. The attendees were then offered regulatory perspectives from the USEPA Region 9 (Alexis Strauss), the State of California Water Quality Control Board (Maryann Jones), and the County of San Diego (John Van Rhyn). The plenary concluded with an enlightening presentation, by Dr. Donald Duke (UCLA), on the difficulty of enforcing stormwater permits, even on a small scale. There was certainly plenty of food for thought.

After the Plenary, a select group of folks (basically those who paid the \$25) made their way down to the harbor and boarded a beautiful, three level, motor yacht for a cocktail party/cruise of the harbor (nice job Marilyn, no cattle barge here). The bus ride itself was

worth the price of admission for me. Again, you people know who you are! It was a beautiful, clear night and between the San Diego skyline, salt air, Jimmy Buffet songs, snacks, flowing beer and wine, and way to many desserts, those who attended could not help but have a great time.

Finally, the main sessions began on Saturday and included platform sessions on Stormwater TIE's, Bight 98 toxicity results, and the Huntington Beach closures in 1999. A total of 18 high quality, very relevant papers were presented. Thanks to all who presented and a special thanks to Steve Bay (SCCWRP) and Jeff Armstrong (OCSO) for organizing the sessions. There was also an all day poster session with a modest number of high quality posters on a variety of topics. We also used this session to offer graduate students an opportunity to obtain some funding before their research is complete through the best student research proposal competition. Every student who presented a poster was given a free, one-year membership to SoCal SETAC and the winner received \$200. We had a tie this year, Michelle Anghera of UCLA (Influence of Contaminants on Large-Scale Spatial Distribution of Benthic Infauna at Mugu Lagoon, CA) and David Gillespie from SDSU (Investigation of the Relationship between Plasma Vitellogenin and

Calcium/Magnesium Levels in the Fathead Minnow, *Pimephales promelas*) split the award. Congratulations to both of you.

In summary, the meeting was an overall success combining educational opportunities with quality regulatory and research presentations offered in a great location to the exceptional environmental professionals in the region. I am sure we will build upon the success of this meeting next year. We look forward to your participation.

Meet the Board....

Jennifer Jones
UCLA



I guess the best place to start is always the beginning. I was born and raised on a pig farm in southwestern Ohio, and learned to drive a tractor and castrate pigs at an early age (I'm not kidding). I received my B.A. in Biology from Wittenberg, a small college in Ohio, and then moved to Cleveland for my first

“real job” in a molecular biology lab. After 2 years in the lab, I decided that it was better outdoors, so I enrolled in the Field Biology Training Program of Manomet Bird Observatory and moved to the beautiful but cold Massachusetts coast. During the program, I spent 5 weeks living in a tent in the Belize rainforest, studying birds and trying to avoid spiders and snakes. We returned from subtropical Belize to one of the worst Nor'easters to hit Manomet's dormitory, so I decided to move south to the Chesapeake Bay. As an intern with the Smithsonian Environmental Research Center in Edgewater, Maryland, I walked the woods all summer watching birds (and avoiding spiders and snakes) and hung out in a bar in Annapolis where Thomas Jefferson used to drink.

The following fall I entered the Masters program at the Ohio State University, home of the best football team around and a pretty good environmental science program, which introduced me to environmental toxicology. For my masters research with Dr. Paul Baumann, I used biomarkers to study the effects of PAHs from steel mills on brown bullhead in the Great Lakes. Along with sloshing around the shores of Lake Erie, I spent a lot of time in Ontario, completing much of my lab work with Dr. Kelly Munkittrick at what is now Environment Canada. I also helped out with research on

white sucker in beautiful (but cold!) Lake Superior, where the nightly entertainment involved watching the bears devour the fish scraps at the local dump.

Upon completing my M.S., I moved to the small, unspoiled village of Carlsbad, California to work with Dr. Jack Anderson and Columbia Analytical Services. I analyzed environmental samples and studied the effects of environmental contaminants such as PAHs, PCBs, and dioxins on human liver cancer cells between days at the beach. Sometimes I still wonder why I decided to leave all that and enter the doctoral program in Environmental Science and Engineering at UCLA. I've just completed my first year in the program, which involved an engineering-intensive course load in such diverse topics as wastewater treatment, groundwater contamination, applied ecology, and properties of aerosols. I've learned a few things already, and discovered that what I know the least about is air pollution, which seems to be a fairly important thing in Los Angeles. So, this summer I have begun my 2nd year Problems course with Dr. Arthur Winer, an atmospheric chemist. The project involves studying the relationship of indoor, outdoor, and personal air (RIOPA) in case areas close to major freeway intersections compared to control areas. As a result, I am driving all over L.A. to measure particles,

VOCs, PAHs, and aldehydes in and around participants' homes. The project is part of a national study in 2 other large urban areas- Houston, Texas and Elizabeth, New Jersey.

Along with the challenges of being back in school, my experience in the ESE Program at UCLA has expanded my knowledge of the array of environmental problems we face as environmental professionals. I look forward to gaining more professional experience in my 3rd and 4th year internship requirement, during which I will complete a dissertation on some aspect of my work. I live in Hollywood with my partner Deb, and have adapted somewhat to life in the big city, though we'll probably return to our roots in Ohio someday. I am happy to serve as student board member for SoCal SETAC and look forward to interacting more with fellow members.

NATIONAL MEETING
REMINDER

The time has come again (already!) to register for the 21st Annual SETAC Meeting.

**Environmental Science in the
21st Century: Paradigms,
Opportunities, and Challenges**

The conference is being held from November 12th to 16th, 2000 at the Nashville Convention Center.

As always, the short courses and technical and social programs look fantastic and will certainly stimulate your professional and "not-so-professional" interests.

Seventeen short courses are available this year covering topics ranging from Sustainable Development to WET to Hydrology. The keynote address will be given this year by Dr. Ken Olden, Director of the National Institute of Environmental Health Sciences and will focus on new directions for research in that arena.

For all of the details, check the SETAC webpage at

www.setac.org

Hope to see you there! And don't forget to join us for the Regional Chapter Meeting on Tuesday 14 November bright and early at 7:00am

**California Coastal
Cleanup Day, 09/16/00**

Contributed by Joseph R. Gully

Well it is that time of year again, time to put on the gloves and clean up our beaches. The California Coastal Cleanup Day is Saturday, September 16th, 2000 at a beach near you. Last year, 46,310 Californians picked up 711,305 pounds of trash and debris off of our beaches. However, as a participant last year, there was still plenty left at the end of the day so we can use more volunteers. For information on cleanup sites near you or to volunteer to organize a beach cleanup, contact Marsha Venegas or Chris Parry at the California Coastal Commission (1-800-COAST-4-U; coast4u@coastal.ca.gov) or check the website (<http://ceres.ca.gov/coastalcomm/ccd/ccd1.html>).

Calendar of Events

Contributed by Scott Steinert

AUGUST 2000

Ecological Society of America 85th Annual Meeting. August 6-10, 2000. Snowbird, UT. Esa.sdsc.edu/snowbird2000.html.

Chemical-Biological Interactions in Contaminant Fate-22th American Chemical Society National Meeting. August 20-25, Washington, DC. More information; www.ese.ogi.edu/tratnyek/chembio/.

Metal Speciation in the Aquatic Environment. August 27-30, Porto Portugal. Contact; fecs-conf@fc.up.pt.

EuroOCEAN 2000. August 29-September 2, Hamburg, Germany. Contact: ana.marques@cec.eu.int.

SEPTEMBER 2000

4th International Conference on Integrating Geographic Information Systems and Environmental Modeling (GIS/EM4). Sept. 2-8. Banff, Alberta, Canada. More information; www.colorado.edu/research/cires/banff.

UDMS 2000: 22nd Urban and Regional Data Management Symposium. Sept. 11-15, Delft, The Netherlands. More information; www.geo.tudelft.nl/GIS/UDMS2000/UDMS2000.htm.

5th International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe. Sept. 12-14, 2000, Prague, Czech Republic. Contact: <http://www.prague2000.fsu.edu>.

QSAR 2000. QSARS in Environmental Sciences: Crossroads to the XXI Century. September 16-20, Bourgas, Bulgaria. More information; www.setac.org/qsar2000.html.

OCTOBER 2000

27th Annual Aquatic Toxicity Workshop. October 1-4, St. John's, Newfoundland, Canada. Contact; kpenney@jacqueswhitford.com.

16th Annual International Conference on Contaminated Soils, Sediments & Water. October 16-19, Amherst, MA, USA. More information; www.aehs.com.

2nd EuroEnvironment 2000 Conference. October 18-20, Aarlborg, Denmark. More information; www.akke.dk/environment.

Year 2000 Meeting of the International Society of Exposure Analysis. October 24-27, Monterey, CA. More information; www.iseaweb.org.

4th International Conference on EcoBalance. October 31-November 2, Tsukuba, Japan. More information; www.sntt.or.jp.

NOVEMBER 2000

Water Research Symposium 2000: Advances in Water and Land Monitoring Technologies and Research for Management of Water Resources. November 8-10, Virginia Tech, Blacksburg, VA. More information; www.vwrrc.vt.edu.

SETAC 21st Annual Meeting. November 12-16, Nashville, TN. More information; www.setac.org.

The 2000 Groundwater Foundation Conference. November, 13-15, Nebraska City, NE. More information; info@groundwater.org.

8th LCA Case Studies Symposium. November 30, Brussels, Belgium. Contact; bow@iptdtu.dk.

DECEMBER 2000

The 2000 Contaminated Site Remediation Conference. December

4-8, Melbourne, Australia. More information; www.clw.csiro.au/CGS/conf/2000CSRC/.

2001**FEBRUARY 2001**

Envirotox 2001. February 11-14, Canberra, Australia. Contact; greg.rippon@ea.gov.au.

MAY 2001

11th SETAC Europe Annual Meeting. May 6-10, Madrid, Spain. More information; www.setac.org.

JUNE 2001

2001 International Containment & Remediation Technology Conference and Exhibition. June 11-13, Orlando, FL, USA. Contact; containment@mailier.fsu.edu.

JULY 2001

9th International Congress on Toxicology (ICT-IX). July 8-13, Brisbane, Australia. More information; www.uq.edu.au/ICT9.

SEPTEMBER 2001

Organic Soil Contaminants 2001 Conference. September 2-5, Copenhagen, Denmark. More information; www.setac.org.

NOVEMBER 2001

Envirotox 2001. February 11-14, Canberra, Australia. Contact: greg.rippon@ea.gov.au.

SoCal SETAC Officers and Board of Directors - Fiscal Year 2000-2001

POSITION	NAME & AFFILIATION	CONTACT INFO	TERM	BASIC DUTIES
1st President	Marilyn Schwartz Ogden Environ. & Energy Services 5510 Morehouse Dr. San Diego, CA 92121	T: 858-458-9044 F: 858-458-0943 E: mjschwartz@oees.com	07/01/00 - 06/30/01	Advisor/Stand-in for President and Vice-President
2nd President	Joe Gully L.A. County Sanitation Districts 1965 Workman Mill Rd Whittier, CA 90601	T: 562-699-0405 x3060 F: 562-695-7267 E: jgully@lacs.org	07/01/00 - 06/30/01	National SETAC Liaison Board Agenda & Action Items
Vice-President	Kat Prickett Arcadis JSA 301 E. Ocean Blvd, Suite 1530 Long Beach, CA 90802	T: 562-628-1176 F: 562-628-1196 E: kprickett@jsae.com	07/01/00 - 06/30/01	Program Committee Chair for SoCal SETAC Annual Meeting
Treasurer	Lan Wiborg City of San Diego, MWWD 4918 N. Harbor Dr., Suite 204A San Diego, CA 92106	T: 619-758-2353 F: 619-692-4902 E: L7W@sdcity.sannet.gov	07/01/99 - 06/30/01	Membership Maintenance Meeting Finances & Contracts Non-Profit Application
Secretary	Open	T: F: E:	07/01/00 - 06/30/02	Election Coordinator Newsletter Editor & Website Maintenance Board Meeting Notes
Board Member (Student)	Jennifer Jones UC Los Angeles 2219 Holly Dr. Hollywood, Ca 90068	T: 323-462-6073 F: E: jjones@ucla.edu	07/01/99 - 06/30/01	
Board Member (Academic)	Gerald McGowen City of Los Angeles, EMD 12000 Vista del Mar Playa del Rey, CA 90293	T: 310-648-5611 F: 310-648-5060 E: gem@san.ci.la.ca.us	07/01/99 - 06/30/01	
Board Member (Private)	Chris Stransky Ogden Environ. & Energy Services 5510 Morehouse Dr. San Diego, CA 92121	T: 858-458-9111 x208 F: 858-587-3961 E: bcstransky@oees.com	07/01/99 - 06/30/01	
Board Member (Public)	Eddy Zeng SCCWRP 7171 Fenwick Ln. Westminster, CA 92683	T: 714-372-9209 F: 714-894-9699 E: eddyz@sccwrp.org	07/01/99 - 06/30/01	Direct and Assist in the Development and Execution of Chapter Activities
Board Member (Student)	Karen Riveles UC Riverside 1126 N. Orange St. # 3 Riverside, CA 92501	T: 909-276-7161 F: E: karenriv@aol.com	07/01/00 - 06/30/02	
Board Member (Academic)	Ian Adam UC Santa Barbara 7532 Padova Dr. Goleta, CA 93117	T: 805-571-1466 F: E: iadam@bren.ucsb.edu	07/01/00 - 06/30/02	
Board Member (Private)	Tim Mikel Aquatic Bioassay and Consulting 29 N. Olive St. Ventura, CA 93001	T: 805-644-8686 F: 805-643-2930 E: tkmikel@vcvista.net	07/01/00 - 06/30/02	
Board Member (Public)	Steve Bay SCCWRP 7171 Fenwick Ln. Westminster, CA 92683	T: 714-372-9204 F: 714-894-9699 E: _steveb@sccwrp.org	07/01/00 - 06/30/02	

Short Course Announcement:

Collection, Analysis, and Interpretation of Sediment Quality Data

Co-sponsored by:

SCCWRP and the Regional Water Quality Control Boards for the San Diego, Santa Ana, and San Diego Regions

October 24 & 25, 2000

(optional introductory background session on October 23)

Queen Mary Hotel, Long Beach, California

Registration Deadline is October 1, 2000

Topics:

- Objectives, design, and indicators for sediment quality assessment
- Types of sediment quality guidelines and their accuracy
- Approaches for the integration of multiple data types and application in environmental management decisions
- Interactive exercise to gain experience in making sediment quality assessments

Registration form and additional information available at:

http://www.sccwrp.org/meeting/sed_course_information.htm

Or Contact:

Debbie Elmore

Southern California Coastal Water Research Project

debbiee@sccwrp.org

714-372-9204

*Southern California SETAC
and
Aquatic Bioassay and Consulting Inc.*

Invite You to Attend A Dinner/Speaker Meeting Entitled

***Watershed Management:
New Challenges, New Tools, New Approaches***

Presented by

*Professor Arturo Keller, Ph.D.
Bren School of Environmental Science and Management
UC Santa Barbara*

September 20, 2000 - 5:00 pm - Pierpont Inn - 550 Sanjon Rd. Ventura, CA 93001

Registration Form (Detach and Include with Payment)

**Southern California SETAC Dinner Meeting - September 20, 2000 - 5:00 pm
Watershed Management: New Challenges, New Tools, New Approaches Dr. Arturo Keller, UCSB**

Registration Information (Circle One)

<i>Name</i>	<i>Membership Status</i>	<i>Before 9/13</i>	<i>On Site</i>
	<i>SoCal SETAC Member</i>	\$ 30	\$ 35
<i>Company/Institution/Organization</i>	<i>Non-Member</i>	\$ 40	\$ 45
<i>Address</i>	<i>SoCal SETAC Student Member</i>	\$ 25	\$ 30
<i>Phone/ Fax</i>	<i>Non-Member Student</i>	\$ 35	\$ 40

E-Mail

Total Enclosed _____

Meal Selection (Check One)

italoni with Spinach and Cheese -
ed with tomato basil vodka cream sauce and
den fresh vegetables

Chicken Channel Islands - boneless breast
ped with avocado, dill havarta cheese, grilled
wn fresca sauce

Salmon Calabresi - norwegian salmon filet
ved with lemon, capers, mushrooms, and
ed tomatoes

Send Check or Money Order Made Out to SoCal SETAC to:

*SoCal SETAC
Attn: Lan Wiborg*

*City of San Diego
P.O. Box 60429*

San Diego, CA 92106

*** DO NOT SEND FORM AFTER MAIL -IN DEADLINE OF 9/13/00**

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