



Southern California Regional Chapter of the Society of Environmental Toxicology and Chemistry

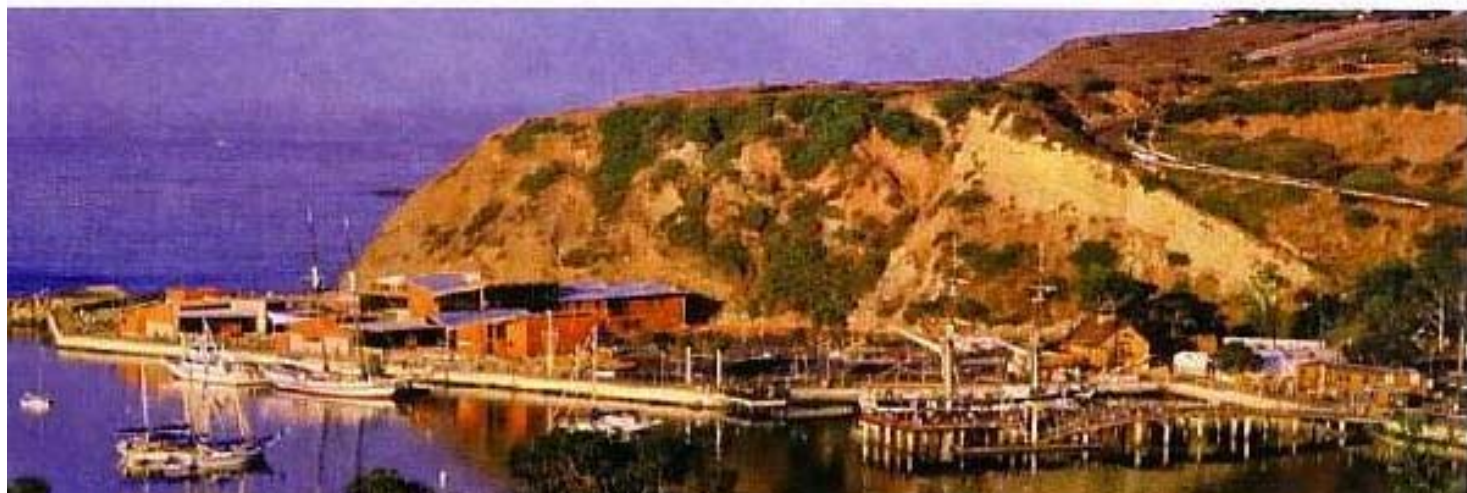


2008 Annual Meeting

5-6 May 2008

Ocean Institute

Dana Point, CA



Important Dates:

- All abstract are due by April 4, 2008.
- Hotel room special ends April 4, 2008. Rooms subject to seasonal price and availability after 4/5/08.
- Pre-registration Deadline for the meeting is April 18, 2008.

Program Highlights

Short Course: *Nanomaterials: Environmental Implications and Applications*

The development and applications of nanomaterials have presented unique problems to environmental scientists and risk assessors. The novel properties of these materials provide a high level of versatility that is being applied in product and process design. However, due to their physical properties, the models and paradigms typically used to predict environmental behavior are inadequate. New considerations that take into account conditions of surface chemistry need to be added to the standard model. Regulations have been slow to catch up with the rapid development of these materials, but new compliance requirements are likely to be forthcoming as nanomaterials gain greater exposure.

Plenary: *Harmful Algal Blooms in Southern California*

Dr. David Caron
University of Southern California
Los Angeles, CA

Dr. Burton Jones
University of Southern California
Los Angeles, CA

Dr. Lauren Palmer
Marine Mammal Care Center
San Pedro, CA

The role of nutrient enrichment in algal blooms and the effects of harmful algal blooms on the coastal marine environment and marine biota are examined by this panel of experts.

Moderator: Jeff Armstrong, Orange County Sanitation District

Posters and Platform Presentations

SoCal SETAC is requesting abstracts for platform or poster presentations at the 2008 annual meeting. Any primary research, case study, monitoring program data, or policy-based papers related to environmental toxicology, chemistry or related fields are acceptable. We also encourage presentation of student proposals and research at the meeting by offering Best Student Poster and Platform Presentation Awards. Every student presenter will receive a free 2008 SoCal SETAC membership and the best student poster and platform presentations will be awarded a \$100 cash scholarship. This meeting is also a great opportunity to present information from the SETAC NA annual meeting to those who could not attend the November 2007 meeting or to prepare for the November 2008 meeting in Tampa, FL.

Abstract Instructions

The abstract deadline is April 4, 2008, and the format for submission is as follows. The abstract, including the authors and title, are not to be longer than 300 words. Longer abstracts may be edited. At the top of the file, provide the name, address, phone, FAX, and e-mail information of the presenting author. Then skip a line and list your preference for a platform or poster presentation and whether this paper is to be judged for the Best Student Paper Award. Skip a line and type the title of the abstract in bold using title case. Then list the authors, last name first, then the first and middle initial, and place an asterisk (*) after the name of the presenting author. Include the name, city, and state of the institution for each author but not the department or street address. Without skipping a line, begin the text of the abstract.

An example of the correct submission format can be found on the next page.
Abstracts should be submitted as a Microsoft Word file via e-mail attachment.

Send the files via e-mail to **Jeff Armstrong** at: **jarmstrong@ocsd.com**. The presenting author will be notified of acceptance status no later than two weeks of the abstract deadline.

Student Presenters: If you wish to have your poster judged for best award your poster must be up by 4:30 PM on Monday

Example of correct abstract format

Philip J. Markle
County Sanitation Districts of Los Angeles
San Jose Creek Water Quality Laboratory
1965 Workman Mill Road
Whittier, CA 90601
T: 562-699-0405, ext. 3055
F: 562-695-7267
E: pmarkle@lacsds.org

My preference is a PLATFORM presentation.
I do not wish to be judged for the Best Student Paper Award.

Application of the Pearson Product-Moment Correlation for Evaluating Whole Effluent Toxicity Test Concentration Response Relationships.

Phil Markle*, Joseph Gully, and Carlita Barton. County Sanitation Districts of Los Angeles, Whittier, CA.

The dose response relationship has been characterized as the most fundamental and pervasive concept of toxicology. This concept assumes a causal relationship between the dose or concentration of a substance and the measured response. This has been recognized in the latest USEPA chronic bioassay testing protocols through the requirement to evaluate the concentration-response relationships of all NPDES multi-concentration tests. Although the protocols provide complicated and subjective guidance on evaluating dose response relationships, the SETAC NA Expert Advisory Panel for Performance Evaluation and Data Interpretation has recommended the use of the Pearson product-moment correlation statistic in their Wild, Wild, WET short course. The Pearson product-moment correlation is a relatively simple and objective analysis that establishes whether a significant relationship exists between concentration and response. The two methods were compared by evaluating the dose responses from 149 NPDES reported chronic toxicity tests using both the EPA protocol recommended guidance and the Pearson product moment correlation. The USEPA and Pearson product-moment correlation typically agreed in terms of establishing an appropriate concentration response relationship prior to identifying a sample as being toxic. Results indicate that the two methods were in agreement in 93% of the tests. However, in 3% of the tests, the USEPA guidance identified the sample as "toxic" while the Pearson product-moment correlation did not identify a significant concentration response. Conversely, 4 % of the tests identified a significant concentration response curve but would have been considered "non-toxic" according to USEPA guidance.



Program Summary

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Tentative Schedule of Events

Monday, May 5

07:00-17:00 Registration
08:00-12:00 Short Course
12:00-13:30 Lunch (offsite, on your own)
13:30-14:00 Welcome and Announcements
14:00-17:00 Plenary
17:00-21:00 Poster Session and Social (including a fire pit on a deck with ocean view, appetizers, sodas, and hosted beer/wine bar)

Tuesday, May 6

08:00-13:00 Registration
09:00-10:20 Platform Sessions
10:20-10:40 Break
10:40-11:40 Platform Sessions
11:40-13:00 Lunch (offsite, on your own)
13:00-14:20 Platform Sessions
14:20-14:40 Break
14:40-16:00 Platform Sessions
16:00-16:20 Presentation of Student Poster and Platform Awards

Tentative Platform Session Topics

- Bioassessment
- Stormwater
- TMDL
- Toxicity
- Urban Impacts
- General Session



Meeting Registration



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Please print

Name:		Affiliation:	
Address:		City:	
State:	Zip:	Phone:	
Fax:		Email:	

Application for Membership

- Membership Renewal Already paid 2008 membership (skip to registration section)
- New member Non-member (skip to registration section)

Category of Employer (check one)

- Government Industry/Business Academic
- Student Consultant Other _____

Membership Category (Annual membership covers July 1st – June 30. Dues paid prior to March 1 will apply only to the current membership cycle)

- Active* (\$20/yr) Regional (\$20/yr) Student (\$10/yr) **Membership Dues** \$ _____

*Active members must also be members of National SETAC (requires separate dues payment)

Meeting Registration

	Active/Regular Member	Non-member ¹	Student Member	Student Non-Member ¹	Sub-Total
Meeting Pre-registration by 18 April 2008	\$80	\$100	\$40	\$50	
Meeting Onsite registration after 18 April 2008	\$100	\$120	\$50	\$60	
Short Course Pre-registration by 18 April 2008	\$50	\$70	\$25	\$50	
Short Course onsite registration by 18 April 2008	\$70	\$90	\$35	\$70	

Membership (if applicable, from above) \$ _____

Registration fees include the plenary, evening social, and platform sessions. **PAYMENT TOTAL** \$ _____

1. Non-Member fees include 2008 membership;
You may register for the short course as a member if payment of 2008 membership dues are included with this form.

Mail this form and payment to:
(Check or money order only)

Kat Prickett, SoCal SETAC Secretary, P.O. Box 1619, San Pedro, CA 90733.
(Payable to "SoCal SETAC")

Cash, checks, and money orders will be accepted during onsite registration (no Purchase Orders or credit cards).

Requests for refunds (minus \$25 processing fee) must be submitted in writing by May 2, 2008.



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Ocean Institute

Dana Point, CA

Ocean Institute, 24200 Dana Point Harbor Drive • Dana Point, CA 92629



The Ocean Institute is a non-profit, nationally recognized marine environmental educational facility. The institute is located on 2.4 acres at the west end of the beautiful Dana Point Harbor. With its ocean view meeting facilities, tidepool and beach access, and ample free parking it is an ideal location for the SoCal SETAC 2008 annual meeting. It is conveniently located off the I-5 freeway and Pacific Coast Highway.

DIRECTIONS:

From the North:

Take the I-5 south towards San Clemente. Take the Camino Las Ramblas/Pacific Coast Highway(PCH) exit and follow it around to the right; this becomes PCH. Continue about 2 miles and turn left onto Dana Point Harbor Drive. Take Dana Point Harbor Drive about 2.5 miles where it dead ends into the Ocean Institute parking lot.

From the South:

Take the I-5 north past San Clemente. Take the Camino Las Ramblas/Pacific Coast Highway(PCH) exit and follow it around to the left; this becomes PCH. Continue about 2 miles and turn left onto Dana Point Harbor Drive. Take Dana Point Harbor Drive about 2.5 miles where it dead ends into the Ocean Institute parking lot.



Accommodations and Restaurants



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Accommodations

Dana Point Marina Inn
24800 Dana Point harbor Drive
Dana Point, CA 92629
(949) 496-1203

SoCal SETAC has reserved a block of 20 rooms at the Dana Point Marina Inn located within steps of one of the most beautiful marinas in southern California and within walking distance of the Ocean Institute, restaurants and shops. Pricing is as follows:

Harbor view - one king bed	= \$103.20/night
Harbor view - two queen beds	= \$103.20/night
Standard room – one king bed	= \$71.20/night
Standard room – two queen beds	= \$71.20/night

When reserving a room, tell the agent that you are registering with the SoCal SETAC annual meeting to receive this special price. The block of rooms is reserved until April 4, 2008, though more rooms may still be available. After that date the rooms are subject to seasonal pricing and availability.

Restaurants

Restaurants within walking distance of the Ocean Institute and Dana Point Marina Inn include:

- El Torito
- Harpoon Henry's
- Harbor Grill
- Wind and Sea
- The Brig
- Proud Mary's
- Turks
- Cannons
- John's Fish Market

So Cal SETAC does not endorse any establishment and does not assume any responsibility for lodging arrangement.