

# Engineers Make The Difference

They Provide the Quality of Life!

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# Civil Engineer THE NEWSLETTER

DECEMBER 2003



## Puget Sound Nearshore Project

The Puget Sound Nearshore project is a 6-year, \$12 million general investigation conducted by Washington State Department of Fish and Wildlife and US Army Corps of Engineers. The engineers, scientists, and planners are identifying fundamental, widespread, and rapid causes of decline in numerous species that inhabit the Puget Sound Nearshore—the fringe of the Puget Sound where freshwater, marine waters, air and land meet. Among the species under investigation are at least 10 animals on the endangered Species Act list for western Washington. The team will also be developing measures to slow, stop, and reverse declines in valued species that are indicators of Puget Sound health.

Numerous state agencies, tribal governments, counties, cities, U. of Washington researchers, non-profits, industry groups, and at least 5 federal agencies are collaborating in the study.

Study results may have long-term and far-reaching influence on civil engineering practices applicable to the Puget Sound nearshore. Civil engineering design of bulkheads, revetments, dikes, levees, piers, wharfs, tide gates, flow restrictors, marine development, waterfront homes, septic systems, and groundwater wells are among potential candidate infrastructure that may change. Indeed, changes to existing and projected infrastructure within the nearshore—or infrastructure within watersheds that effect nearshore natural processes—may contribute to reestablishing the tempo of natural processes essential to valued species.

Our presenter, Mr. Tim Smith, is Special Assistant to the Director of Washington State Department of Fish and Wildlife, Dr. Jeff Koenings, and is a key member of the project management team. He serves as the local sponsor Chair of the Steering Committee for the Puget Sound Nearshore Ecosystem Restoration program and represents the Department on the Salmon Recovery Funding Board. He served as Chair of the Interagency Review Team, the predecessor to the Salmon Recovery Funding Board and is also Washington State's federal liaison for Salmon Recovery programs and was a principle author of the state's Salmon Recovery Act and the law that established the Puget Sound Water Quality Action Team in the Office of the Governor.

## Annual Joint Meeting with Seattle Section

December 10

### Red Lion Hotel

18220 International Blvd,  
Seattle WA 98188

Social	5:30pm
Dinner	6:15pm
Business Mtg	7:00pm
Program	7:30pm

### Menu:

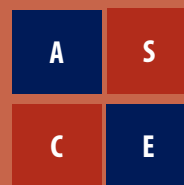
Chicken Marsala with  
Tiramisu for dessert

Cost: \$26.00/person\*  
Spouses and guests are invited.  
Cash or checks payable to ASCE  
are accepted.  
\*1/2 price for students

**RSVP by NOON Mon. Dec 8**  
by e-mailing  
[house@seattleasce.org](mailto:house@seattleasce.org) or  
call 206.926-0482 (voice  
mail system only - leave a  
message) .

4

Section Home Page: <http://sections.asce.org/tacoly/tacoly.htm>



Nancy Searle  
950 S. Locust Ln  
Tacoma WA 98465



Civil Engineer Newsletter is published monthly from September to June for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President of the section or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

For address changes/corrections, notify the Editor or the WEBmaster.

to

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## President's Corner by Connie Linden

By invitation, I attended WSPE's November monthly meeting. WSPE contacted our Section and asked us to consider providing a booth at the South Center Mall during Engineer's Week (February 2004), in collaboration with WSPE and the Pacific Science Center. Traditionally WSPE and the Pacific Science Center man booths at the mall on a Saturday during Engineer's Week, to promote engineering and the sciences to elementary through high school age students. The Saturday date is **February 22, 2004**. Booth activities typically focus on simple interactive projects for students to test their skills. As an example, WSPE's



*"I believe this is a great outreach opportunity for our Section."*

booth activity last year was building and testing glider models, which was a big hit with students. If you are interested in planning booth activities and/or volunteering to man an ASCE booth, please email me at: [conniel@baselinetacoma.com](mailto:conniel@baselinetacoma.com). I believe this is a great outreach opportunity for our Section.

On October 29, 2003 I participated in a teleconference with other Section/Branch Presidents across the country. ASCE Geographic Services conducted this conference call. ASCE National Departments, such as Continuing Education, Geographic Services, etc., gave a brief summary of their Department's services, and provided a summary of new initiatives. A copy of the teleconference notes provided by Geographic Services will be available on our Section website in December 2003. I encourage you to review the notes, which describe existing and new services provided by ASCE National.

ASCE National, through the Continuing Education Department, is now offering interactive teleconferences. These seminars are typically one-hour programs conducted by instructors telephonically using a PowerPoint presentation. ASCE does not limit participation in the teleconference. Site registration fee provides an opportunity to provide members a continuing education opportunity at low cost. The ASCE Continuing Education Department reports that a number of Sections, Branches, firms, and agencies have participated in this program, and have found it ideal for brown bag lunch training. For more information, go to the ASCE website, <http://www.asce.org/conted/>.

Season's greetings!

Regards,

Connie E. Linden

Tacoma/Olympia Section President '03-'04

## Section Newsletter "Going Electronic"

In keeping with other ASCE Section and Branch operations and to reduce our Section's operational costs, the Board has decided to discontinue hardcopy mailing of the Section's Newsletter, beginning in February 2004. Instead, the Section's newsletter will be available in electronic format on our website, <http://sections.asce.org/tacoly/facoly.htm>. If you are interested in electronic delivery, or have comments, please contact Connie Linden at [conniel@baselinetacoma.com](mailto:conniel@baselinetacoma.com).

## Section Calendar

### Meetings/Programs

**December 1: Board Meeting**  
6:00pm; Engine House #9,  
Tacoma

**December 10; Joint Meeting w/**  
Seattle Section (hosted by  
Seattle Section); Tukwila; Puget  
Sound Near Shore Project

**January 13, 2004; Point Defiance**  
**Zoo Additions;** Guest Speaker:  
**Dick Ramsey,** Program Project  
Manager; location TBA.

**February 2, 2004; Board Meeting;**  
6:00pm; location TBA.

### Upcoming Events

**November 12 - 15,**  
**Civil Engineering Conference**  
**and Exposition 2003;**  
Nashville, Tennessee

**February 20, 2004; Engineering**  
**Week,** Saint Martins College,  
Lacey.

**February 22, 2004 Engineering**  
**Week Outreach**  
Shared booth at South Center  
Mall with WSPE and the Pacific  
Science Center—**volunteer now!**

\*DATE/TIMES/LOCATIONS ARE TO  
BE VERIFIED

**Section Meetings** are open and  
held once a month, September  
through May. Meetings are  
generally held on the second  
Tuesday of the month. Locations  
alternate between Tacoma and  
Lacey, and times vary between  
lunch and dinner meetings.

**Local Board Meetings** are open  
and generally held  
the first Monday of the month at  
5:30pm. Locations vary. Please  
check the WEB site,  
this calendar, or contact the  
president for confirmation.

## TRANSPEED Courses

The Winter/Spring TRANSPEED  
Schedule Please view our  
website at <http://www.engr.washington.edu/epp/transpeed> for specific course  
descriptions and dates.  
Questions? Call: Christy Pack,  
Program Manager, UW Engineering  
Professional Programs  
10303 Meridian AV N #301  
Seattle, WA 98133  
1.866.791.1275 toll free  
206.543.5539 206.543.2352 FAX

**Pavement Design**  
December 2-4, Lacey

**Managing Consultants**  
December 9th, Seattle (web-  
based begins November 19th)  
Preview the Course Now!

**Traffic Engineering Operations**  
December 15-17, Seattle

**Roadway Safety: Analysis,**  
**Evaluation, and Programming**  
January 5-6, 2004, Seattle

**Basic Highway Capacity For**  
**Engineers and Planners**  
January 7-9, 2004, Seattle

We will come to you!

To learn how to bring a  
TRANSPEED course to your orga-  
nization, please contact **Christy**  
**Roop Pack at 206-543-5539 or**  
**toll-free at 1-866-791-1275.**  
[croop@u.washington.edu](mailto:croop@u.washington.edu).

## Positions Open/Wanted

resume/ad policy

*Ads must be received by the 15th of the month prior to the next newsletter. Ad will run for one newsletter only.*

The newsletter application is limited to the following:  
**Name, membership status, ASCE section, engineering degree/year, position desired, years of related experience, address to obtain resume, and a daytime phone number.**

Submit information (by the 15th of the month) to:  
**Richard Swanson, 3539 81st AV SW, Olympia 98512 or**  
[rswanson@skillsing.com](mailto:rswanson@skillsing.com) or [richardswanson@comcast.net](mailto:richardswanson@comcast.net)

## 2003 Fall Prof. Development Courses

Please log onto the web site  
<http://www.engr.washington.edu/epp/cee/ntc> for a complete descrip-  
tion of the course and registra-  
tion information, or call us at:  
Engineering Professional Pro-  
grams, University of Washington,  
phone: 206.543.5539  
(fax) 206-543-2352 or  
(toll free) 1.866.791.1275  
Stephanie Strom,  
Program Manager:  
[ssstrom@u.washington.edu](mailto:ssstrom@u.washington.edu)  
(direct) 206-685-9682  
Stacy Williamson,  
Program Coordinator:  
[stacyw@u.washington.edu](mailto:stacyw@u.washington.edu)  
(direct) 206-543-5743

**Storm and Surface**  
**Water Monitoring**  
December 2-3, 2003, Seattle

**Drilling and Blasting Techniques**  
January 12-16, 2004, Seattle

**Applied Engineering Ethics**  
**(NEW!)**  
February 5, 2004, Seattle

**Civil Engineering Review**  
**Course - PE Exam Prep**  
February 26-April 1, 2004, Seattle

