



Tacoma/Olympia Section
Civil Engineer
THE NEWSLETTER

A P R 2 0 0 8

APRIL
Dinner Meeting

Honors 
Awards Banquet

TUESDAY, APR 8th

**St. Martin's Worthington
Center, Lacey, WA**

Worthington Center is located on the St. Martin University campus at the corner of Pacific Avenue South and Ruddell Street (exit 109 – 15 to College Avenue, left on Lacey Ave, right on Ruddell into parking lot)

Welcome: 5:30pm
Dinner: 6:00pm
Program: 6:30pm

Dinner: \$25, \$12.50 student
Please note the section does not have the ability to accept credit cards.

Cash or Checks, please.

RSVP: **Katie Bennett**, City of Tacoma, (253) 591-5760; email: kbennett2@cityoftacoma.org by COB April 4th

**Next Month —
May 17, 2008**

Saturday field trip to Port of Tacoma's Ecosystem Restoration Project: Gog-le-hi-te Wetland (Puyallup Indian word: where the land meets the water)

**Washington Coast
Tsunami Warning System**

Tsunamis, large waves caused by earthquake induced subsidence of the marine floor, can come from many sources in the Pacific. A tsunami originating from the "Ring of Fire" near Japan will allow several hours of advance notice, yet, the more likely source, Cascadia Subduction Zone, is just off of the Washington coast with only a few minutes warning. Come learn about the complex system of buoys, monitoring stations and local preparations to reduce risk to Washington's coastal communities.



Speaker

Speaker: **Ted Buehner**,
Warning Coordination Meteorologist
National Weather Service – Seattle

Ted Buehner is the Warning Coordination Meteorologist for the National Weather Service (NWS) in Seattle, a key customer liaison position. He works toward enhancing the "end-to-end" forecast and warning system by more closely tying the agency's mission of protecting lives and property, and enhancing the region's economy, with its customers, such as emergency managers, the media, and the marine community. Ted has been with the NWS since 1977, this position being his third tour of

duty in Seattle. He also served one year in Boise as a forecaster, six years in Portland as a Lead Forecaster, and two years at the NWS Western Region Headquarters in Salt Lake City as the Western U.S. marine, public, and aviation program manager. Ted has a Bachelors of Science degree in Atmospheric Sciences from Oregon State University. Go Beavs! ■

“Engineers Make the *Difference*...
They Provide the *Quality* of Life!”



Bernie Hargrave P.E.

Spring is finally here with a tough winter behind us. Did anyone keep track of how many times I-90 was closed this winter over Snoqualmie Pass? Surely a record must have been set. The season is known for renewal and ASCE follows spring's lead this month. We honor our newest Life Member, **Kenneth Martig**, and

renew our section's commitment to our emerging engineering leaders.

Younger Members

Brook Maples, Younger Member chair, has organized an April retreat on the Washington coast which promises a chance to learn, improve the community, and socialize in a fun place – all in one weekend! I encourage our younger members to register soon for this entertaining, worthwhile event.... Thanks Brook!

St. Martin's Students

This spring we are renewing our affiliation with St. Martin's students. Student officers, **Floraliza Bornasal** and **Kawika Kaulukukui**, met with our board in March to explore new ways for students to become involved with our section. They ask to have engineering mentors to help them better understand the profession which they are entering. You really can do much good with a small commitment from yourself. Please let's be sure to honor their request with our participation ... and if you have been away from college for years, Floraliza and Kawika emphasized student interest in learning from you.

Nominating Committee

In April our section's nominating committee requests candidates for next year's board. If you are interested, or get a message from a committee member, be sure to affirm your willingness to help. Contact **Michael Hale**, (253) 591-5766, mhale@ci.tacoma.wa.us.

All the best,

Bernie Hargrave
2007-2008 Tac/Oly Section President

Honors & Awards Banquet

Achieving Life Membership in ASCE requires a career of service to both the Society and the civil engineering profession. To be eligible for Life Membership individuals in the grade of Fellow, Member, Associate Member or Affiliate a) shall have reached the age of 65 and b) shall have paid dues for at least 30 years AND c) shall have had 10 years continuous membership immediately preceding the attainment of Life Membership. Please come celebrate Mr. Martig's achievement at our April dinner.

This year we honor **Kenneth W. Martig, Jr., P.E., M.ASCE**. See page 4 for more information on Mr. Martig.

Younger Members Spring Retreat April 25-27

You're invited to join the Younger Members on a Spring Retreat to Grays Harbor County. The retreat will be held **April 25 - 27th, 2008**.

Events will include a tour of the new Imperium Renewables Plant on the Port of Grays Harbor, and a presentation by Plant Manager Sid Watts.

Additionally, participants will visit the Hoquiam site for the construction of the new 520 Bridge Pontoons, and enjoy a technical presentation by a member of the design team.

That evening, we will have a wine and cheese reception, and dinner at Westport by the Sea. Dinner will include a roundtable ethics discussion. Saturday, we will participate with the Surfrider Foundation's Coastal Cleanup at Twin Harbors State Park, followed by a lunch presentation.

Saturday afternoon, you're welcome to enjoy the South Beach, including optional activities of climbing Washington's Tallest Lighthouse (the Grays Harbor Light), visiting the new Westport Winery, beachcomb-

ing, or for the very brave - perhaps a surf lesson? Westport is one of Washington's oldest beach town's, known as the "Salmon Fishing Capital of the World", and the best surfing waves north of California.

We expect a lively discussion and participation from members from the Seattle Section as well. The registration fee will be \$75, and includes shared accommodations, and some meals. Please see the registration form for more information or contact **Brook Maples** at brookm@gmail.com. Younger Members are officially 35 and younger, but in accordance with our "don't ask, don't tell" policy, everyone is welcome to participate. Don't miss this great event!

Brook Maples, Tacoma-Olympia ASCE's Younger Member Chair, brookm@gmail.com

SECTION CALENDAR and ENGINEERING RESOURCES



Section Calendar

Tacoma/Olympia ASCE Section Meetings/Activities

APRIL - Honors & Awards, Program on Washington Coast Tsunami Warning System

MAY 17th - Saturday Field Trip to Port of Tacoma Gog-le-hi-te Wetland

*DATE/TIMES/LOCATIONS TO BE ANNOUNCED/VERIFIED

Tacoma/Olympia ASCE Board 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.**

Monday April 4th, 6:00pm, Red Lobster, Tacoma; off I-5, 72nd St Exit.

<http://sections.asce.org/tacoly/tacoly.htm>

Younger Member Forum Activities And Update

Younger Member Newsletter
www.asce.org/inside/cym_pubs.cfm

Upcoming Events & Activities

Spring Retreat April 25-27

For more information about our Younger Member programs, contact:
Brook Maples...brookm@gmail.com

TRANSPEED Courses

For a complete list of courses, visit the website at <http://www.engr.washington.edu/epp/Transpeed/index.html> for specific course descriptions and dates. Click on the specific course link to view the course outline, or contact:

Julie Smith
Engineering Professional Programs
Phone: 206-543-5539
Toll-Free: 1-866-791-1275

2007 Professional Development Short Courses

For a complete description of the course and registration information visit our website <http://www.engr.washington.edu> or call us at: Engineering Professional Programs, University of Washington, phone: 206.543.5539 (fax) 206-543-2352 or (toll free) 1.866.791.1275

Stephanie Strom, Program Mgr:
ssstrom@u.washington.edu
(direct) 206-685-9682
Stacy Williamson, Prog. Coord.
stacyw@u.washington.edu
(direct) 206-543-5743

Continuing Ed

For scheduled seminars in your geographic area are available on ASCE's website at www.asce.org/conted/seminars.

These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department and may be of interest to many ASCE members in your Sections and Branches. We would greatly appreciate if you would consider positing information on these seminars in your newsletters and on your websites.

If you have questions or need assistance, please contact:

Kelly Jarvis, Continuing Education Registrar at kjarvis@asce.org or

Michael Cook at mcook@asce.org.

See Your AD Here!

Advertise in our newsletter!

Post a business card sized ad in our newsletter for \$200 per year. Interested?

Contact:

Bernie Hargrave...
Bernard.L.Hargrave.Jr@nws02.usace.army.mil



Tacoma/Olympia Section Board 2007 - 2008

<http://sections.asce.org/tacoly/html/board.htm>

President

Bernie Hargrave
Bernard.L.Hargrave.Jr@nws02.usace.army.mil

President-Elect

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jmoline@cityoftacoma.org

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Vince McClure...(360) 438-4323
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Director (2-year)

Bruce McDonald...253.830.5337
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Region 8 Governor

Dale A. Nelson, P.E....509.280.9079
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Younger Member Chair

Brook Maples...
brookm@gmail.com

Past-President

Michael Hale...253.591.5766
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Newsletter Editor

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Richard Swanson...360.455.3161
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richardswanson@comcast.net



We're on the web!

<http://sections.asce.org/tacoly/tacoly.htm>

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

New ASCE Life Member 2008

Honors & Awards Banquet

THIS YEAR WE HONOR

KENNETH W. MARTIG, JR., P.E., M.ASCE

FOR ACHIEVING LIFE MEMBERSHIP IN ASCE.

KENNETH W. MARTIG, JR., P.E.
Civil and Hydraulics Engineer

Mr. Martig is a graduate of the University of Washington with B.S. in Civil Engineering and an M.S.C.E. Degree in Hydraulic Engineering with 45 years of practical experience. He is one of a few engineers with a specialty engineering license in Hydraulic Engineering in the State of Washington.

Mr. Martig has been an integral part of evaluations, planning, financial coordination, investigations, analyses, final design, construction management, and forensic investigations for a wide variety of civil and environmental engineering projects involving: water supply; water treatment; sanitary sewerage; wastewater treatment; storm drainage; groundwater sources; geomorphology; stream flow; stream rehabilitation; landslides; salmon hatcheries; dams; hydroelectric; landfills; gravel mining; noise; controls &

instrumentation; land development; streets & roads; and a host of environmental issues.

Mr. Martig's innovative expertise has been recognized nationwide and he has participated in various seminars including:

Joint Session of American Society of Civil Engineers; American Public Works Association; and American Concrete Pipe Association: Urban Runoff Detention and Peak Flow Attenuation; National Society of Professional Engineers: Sidehill Development Standards and Urban Runoff Planning; National Bureau of Standards Symposium: Open Channel Flow Monitoring or Metering, That is the Question.

Mr. Martig owns an Olympia WA consulting firm serving private, public, commercial, industrial and Indian tribe clientele.

Mr. Martig holds patents for a unique flow monitoring system.