



American Society of Civil Engineers

Our web site: <http://sections.asce.org/columbia/index.html>

Columbia Section

Since October 10, 1950

Newsletter

December, 2004

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It's time to renew your membership with ASCE.

Columbia Section December 1, 2004 Meeting

Date: Wednesday, Dec. 1, 2004 at 11:30 am – 1:00 PM

Place: Shilo Inn, George Washington Way, Richland

Meal: Buffet (Chef's choice) \$15 per person.
Please pay cash or check to treasurer at the meeting.

Topic: **Overview of Badger Mountain Irrigation District (BMID) and Its Services**

Speakers: Brad Anderson

Lunch will start at 11:30, and the presentations will start at Noon.

RSVP to: Darral Moore, (509) 783-2144, dsm@jub.com

January 20, 2005 Joint Meeting Columbia Section Structural Technical Group and Structural Engineering Association of Washington (SEAW)

Date: Thursday, January 20, 2005 at 6:00 PM – 8:30 PM

Place: Shilo Inn, George Washington Way, Richland

Meal: Dinner Buffet \$20 per person.
[IMPORTANT NOTE: Please pay by check made to "ASCE Columbia Section"]

Menu: Chicken Parmesan, Vegetarian Lasagna, Rigatoni Alfredo Prima Vera, Fresh Seasonal Sautéed Vegetables, Focaccia Bread, Tossed Caesar Salad, Pepperoni Bow-Tie Pasta Salad, Greek Salad, Fresh Fruit Tray, Assorted Desserts (Chef's choice), Coffee, Decaf and Tea.

Topic: **Preliminary Design and Layout of Highway Structures**

Speakers: Anthony Mizumori, Washington State Department of Transportation

RSVP to: Indra Ghosh, (509) 371-9507, ighosh2000@msn.com by 1/18/05.

Upcoming ASCE Columbia Section Meeting

When: January, 2005

Topic: Benton County Intertie Project

Speaker: Ross Dunfee

District 12 Director's Report

I have now completed my first year as your director and what a blast. I have attended several section meetings, national board meetings, committee meetings and district council meetings. I have gotten to meet a lot of ASCE members.

The national ASCE convention wrapped up a couple of weeks go. Held in conjunction with the convention was our fall ASCE Board meeting. Here are the results of that board meeting.

The Board approved amendments to our Bylaws and Rules as well as the regional map regarding our new governance structure, which the members approved by a wide margin in the election this past August. The sections and branches in the Pacific Northwest will become a part of Region 8. There will be no change in section or branch boundaries. Our region will consist of those sections and branches in the states of: Alaska, Arizona, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, and Washington. A regional formation team has been created, and it consists of myself and the other current director from the Region 8 area, as well as five representatives. We will begin putting together the Region's bylaws. We hope to have a draft to the District Councils by February.

The Board approved a number of federal and state legislative priorities for 2005. At the federal level our priorities are: Clean water, drinking water, wastewater issues, math and science education, natural hazards mitigation and infrastructure security, qualifications based selection for engineering services, reauthorization of TEA 21, and smart growth/sustainable development. At the state level our priority issues are: building codes, infrastructure financing, licensing, procurement of professional services, smart growth, taxation of professional services, tort reform, and transportation infrastructure financing.

The Board received a report on the requirement of faculty licensure and charged the Society's leadership with creating a task force to develop a policy on the examination of faculty for licensure. The Board declared its opposition to a recommendation that such policy waive or relax the FE experience or PE examination licensure requirements for those with doctoral degrees.

The Board received a report from the Task Committee on Section Option for total Dues. The Board voted to amend the percentage of national dues income for Section allotments from "up to 3.5%" to "up to 7%". The national Program and Finance Committees will be looking for ways to implement this direction and return more money back to the sections. This decision was based on the study conducted that showed members felt they received considerably more value from their section programs than they did from national programs.

Our next board meeting will be in January in Tampa Florida in conjunction with Board Committee week. If you have any issues, questions or comments, please call or write. I can be reached at (503) 848-3032 or by email at greg@tvwd.org.

Greg DiLoreto, P.E., F. ASCE
Director, District 12
November 2, 2004

Report from the Columbia Section Structural Technical Group

Columbia Section Structural Technical Group chairman, Indra Ghosh, attended a two-day meeting at Omni Royal Orleans Hotel, New Orleans, LA on November 12 and 13, 2004. Thirty-three chairpersons or designees representing structural Technical Groups of ASCE/Structural Engineering Institute (SEI) from various ASCE Sections and Branches attended this meeting on Nov. 12. All these 33 representatives made short presentations on their local activities such as seminars, meetings, etc. Mission of SEI is to advance the profession of structural engineering by enhancing and sharing knowledge, supporting research and improving business and professional practices. At present SEI has 21,000 members in 30 countries. SEI has e-newsletter, organizes webinars, and yearly Structures Congress. In 2005 Structures Congress will be held in New York Hilton and Towers, New York, April 20-24. Details of SEI activities are available at: www.seinstitute.org.

On Saturday Nov. 13 the Professional Activities Committee of SEI of ASCE held a summit with a workshop on Separate SE Licensing Strategy. It was attended by more than 40 structural engineers. The first summit was held 4 years ago in June, 2000. This was the second summit. Various strategies were presented such as single-tier and two-tier licensing. It was recognized that although there were not too many building failures in the world, a better structural engineering practice could be exercised by a licensing jurisdiction. Licensure administration standardized through SEI, Council of American Structural Engineers (CASE) and National Council of Structural Engineers Association (NCSEA) would be one way to go.

Improve your Civil Engineering Knowledge

Discuss with a friend:

- (a) The process of general corrosion of iron and steel when exposed to water.
 - (b) Discuss two conditions that can cause galvanic corrosion.
 - (c) Discuss these types of specialized corrosion: Pitting Corrosion; Stress Corrosion; and Crevice Corrosion.
 - (d) Explain ion exchange process.
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