It’s Student Night!

Don’t miss this fantastic evening of poster presentations, scholarship awards great food and a great talk on site evaluations for dams! Remember, this is also your opportunity to meet the next generation of geologists who will form the foundation of our profession in years to come!

Section Meeting Date: October 24, 2006

Meeting Location: CSUS Alumni Center, California State University Sacramento (adjacent to Hornet Stadium). Take Howe Ave. to College Town Dr./ State University Dr. South. Turn right on Stadium Drive for parking.

Meeting Schedule:
5:30 - 6:00 Sign-In
6:00 - 6:45 Student Poster Session & Social Hour
6:45 - 7:45 Dinner, Announcements & Awards Presentation
7:45 - 8:30 Speaker Talk & Slide Show
8:30 - 8:45 Questions & Answers
Site Evaluations for Dams: Geologic Considerations

Presented by William Fraser
California Division of Safety of Dams

Abstract:
Site geology is arguably the single-most important factor in proper dam design. The availability of natural construction materials as well the presence of geologic hazards usually dictates the type of dam best suited for a given site. The geologic conditions have a direct effect on foundation design and the dam’s ultimate performance. As a result, a phased geologic investigation is needed to obtain the required information to support dam and foundation design considerations. Selection of an appropriate investigation program, field acquisition of geologic data, and documenting the geologic conditions are primary responsibilities of the engineering geologist. However, the engineering geologist should strive to take geologic data to its logical conclusion by assisting in the development of foundation stability and seepage models, by making design recommendations in response to geologic conditions, and by anticipating modes of failure, so proper analysis can be performed.

William Fraser
Geology Branch Chief
California Division of Safety of Dams

William A. Fraser has been with the California Division of Safety of Dams, in Sacramento, California since 1988. For the past 12 years he has been the Chief of the Division’s Geology Branch, supervising a staff of five engineering geologists, involved in seismic hazard assessment and foundation characterization for new and existing dams. The Division of Safety of Dams regulates the more than 1,200 jurisdictional dams throughout California.

Mr. Fraser is serving as the manager of AEG’s Dams Committee and has organized several technical sessions on dams for the Annual Meeting. Prior to working with the Division of Safety of Dams, Mr. Fraser worked 7 years as a staff geologist with the Department of Water Resources, Division of Engineering, performing design and maintenance investigations on the State Water Project dams. Mr. Fraser is a Registered Geologist and a Certified Engineering Geologist in California.
October 2006 AEG Meeting
Facsimile Transmittal Sheet
(or e-mail to the address below)

To: Lisa Breckenridge (Wallace-Kuhl & Associates, Inc.)
   email: LBreckenridge@wallace-kuhl.com
Phone: (916) 372-1434
Fax:     (916) 290-5429

Or You Can Sign Up Online at: www.aegisacto.org

Subject: October 2006 AEG Sacramento Section Meeting
Date:   October 24, 2006
Place:  CSUS Alumni Center
        California State University, Sacramento
        (For directions, see page 6)
Time:   5:00 - 6:00 PM - Sign In
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Dinner Menu: Boneless Chicken Breast in Dijon Mustard Sauce
             Fettucini Vegetable Primavera
             Garlic Roasted Red Potatoes
             Fresh Sauteed Vegetables
             Mixed Green Salad
             Dessert Bar
             Cost: $35.00

Notes: All Geology Students Eat For Free!
       Alcoholic beverages are available for those 21 and over on a cash basis.

Due to unusually large attendance at past events...
RSVPs are strongly encouraged!
Directions to the CSUS Alumni Center

From Howe Avenue, take College Town Dr. west toward the CSUS campus. Continue straight through the traffic signal at State University Drive East (edge of campus) and drive one block to Stadium Drive. Turn right on Stadium Drive and immediately into the parking lot next to the Alumni Center.

Parking permits are required but will be available at no additional charge from the registration table.