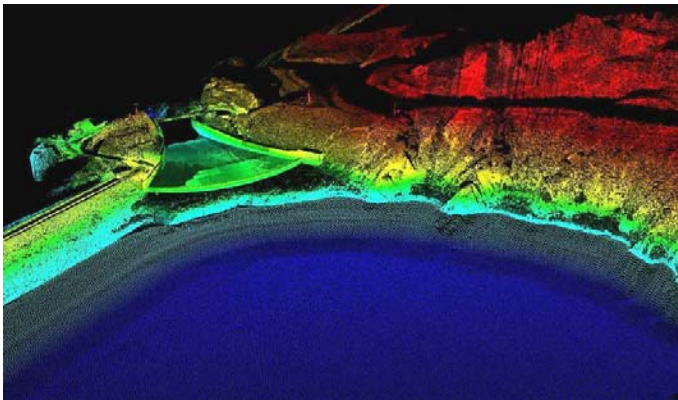


## JANUARY MEMBERS MEETING

### **Integrated Remote Sensing of Bathymetry and Onshore Topography for Asset Inspection, Hydrology Modeling and Hazard Planning**

Recent integration of multibeam bathymetric sonar and mobile laser scanning (LiDAR) have opened the door to a versatile and cost-effective method for remotely sensing bathymetry with riparian and onshore topographic features at the same time. These advances have made it possible to build a dataset that extends from the bed of a watercourse through the riparian zone and even into the floodplain from a single, waterborne sensor platform. This is a major milestone for practical and cost-effective evaluation of both anthropogenic and natural waterways as well as near-shore coastal regions. Such evaluations include accurate flood inundation modeling, environmental studies, geohazards identification, silt/sediment dynamics (scour and accumulation), slope stability/landslide investigation (including seamless evaluation of subaerial and underwater slope failure features) and bottom surface material hardness and classification.



## JANUARY MEETING'S DETAILS

### **WHEN:**

Wednesday, January 12, 2011  
Check-in/Social 11:30 a.m.  
Lunch 11:45 a.m.  
Program 12:00 p.m.  
Adjourn 1:00 p.m.

### **LOCATION:**

Louise Lowry Davis Center  
Larry Crandell Room  
1232 De La Vina St.  
Santa Barbara  
CA, 93101

### **DIRECTIONS:**

Take 101 and Carillo St. Exit.  
North onto W. Carrillo St and Left onto Bath St.  
Right onto W. Victoria St  
Park just past De La Vina on right side.

### **COST:**

\$20 for ASCE members and guests.  
\$5 for YMF members and students.

### **RESERVATION DEADLINE:**

Tuesday, January 11<sup>th</sup>, 2011.

For Reservations Contact:

Alexis Spencer  
[aspencer@fugro.com](mailto:aspencer@fugro.com)

Carlos Sanchez  
[sanchx01@earthlink.net](mailto:sanchx01@earthlink.net)

## Upcoming Events

National Engineers Week is February 20-26, 2011. The National Engineering Week Banquet for Ventura and Santa Barbara Counties 2011 will again be held at The Ronald Reagan Presidential Library on March 3, 2011.

Each year this banquet provides an opportunity to socialize, network, recognize the excellent work of local engineers (both as individuals and as project teams), enjoy an interesting engineering and technology presentation by a guest speaker, and present scholarships to outstanding local college students. These activities are all made possible because of generous contributions of time and resources from engineering societies in Ventura and Santa Barbara Counties and from local businesses that depend on and/or appreciate the value of the engineering profession.

We are also seeking nominations for Engineer of the Year and Project of the Year for recognition at the banquet. We will be sending out a separate flyer with additional information.

## Congratulations

**City of Santa Barbara, Fugro West Inc (Ventura Office), and Penfield & Smith** have received the ASCE Employer Recognition Award for Support of Younger Members. The Employer Recognition Program was a result of the ASCE Strategic Plan which called for the establishment of a program to recognize and acknowledge employers who support Younger Member participation in ASCE activities. Younger Members are defined as ASCE members of age 35 and under. The award recognizes employers for their encouragement and exemplary support of Younger Member involvement in ASCE activities.

## Our Branch Needs Your Help

This is the time of year that your branch looks for new officers for the coming year. We really need your help and hope some of you would be interested in becoming a branch officer. Please contact Carlos Sanchez,

[sanchx01@earthlink.net](mailto:sanchx01@earthlink.net), if you can volunteer and would like help guide the ASCE's Santa Barbara-Ventura Branch in the coming year.

In addition to our regular officers, your Branch has continuing need for your leadership and assistance. Funding is available to advance activities consistent with the ASCE Strategic Plan. Contact any officer to get more information or to volunteer your time.

### Santa Barbara / Ventura Branch ASCE 2010-2011 Officers

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Carlos Sanchez, P.E.  
Mimiaga Engineering Group  
(805) 451-4090  
[Sanchx01@earthlink.net](mailto:Sanchx01@earthlink.net)

Vice President:

Marta Alvarez, P.E.  
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Secretary:

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Treasurer:

Pat Boales, E.G.  
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(805) 642-6727  
[pboales@earthsys.com](mailto:pboales@earthsys.com)

Past President:

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(805) 701-9267  
[Paul@Greenmountainengineering.net](mailto:Paul@Greenmountainengineering.net)

YMF President:

Adam Hendel, P.E.  
City of Santa Barbara  
(805) 450-5995  
[adamhendel@cox.net](mailto:adamhendel@cox.net)

**ASCE Santa Barbara / Ventura Branch  
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Ads can be sent in image format (i.e. jpeg, bmp, tiff) to the ASCE Santa Barbara / Ventura Branch Secretary. Please no PDF files.

Payments shall be made payable to “ASCE Santa Barbara/Ventura Branch” and delivered to the ASCE Santa Barbara/Ventura Branch Secretary.



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