

San Bernardino and Riverside Counties Branch YMF FY 2009-2010 ANNUAL REPORT SUMMARY



Web Site http://www.asce-sbriv.org/Younger_Member_Forum/ymf.html
Address:

Younger Member Forum President

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2009-2010 BOARD OF DIRECTORS

Officers are elected for a one year term, which begins October 1st of each year.

J. Scott Petersen	President	4 years
Robert Vasquez	President-Elect	3 years
Helio Takano	Vice-President	3 years
Miguel Gaytan	Secretary	3 years
Cristina Gaytan	Treasurer	3 years

2009-2010 COMMITTEE CHAIRS:

Julianna Gonzalez	Activities Coordinator	2 years
Mai Son	Community Outreach Chair	2 years
Cassie Cerin	Newsletter Editor	3 years
Hilal Elhaddad	Practitioner Adviser	2 years
Duc Tran	K-12 Student Outreach Chair	1 year
Maria Miranda	Fundraising Chair	1 year
Kahlil Amin	Historian	1 year

MEMBERSHIP

The SB/RC YMF has recruited approximately 10 new ASCE members over the past year. We are working closely with the California State Polytechnic University student ASCE group to attract new graduates.

Total Membership	120
Number of Active Members	30

GENERAL MEETING STRUCTURE:

General meetings are held every other month at various locations in the Riverside and San Bernardino area. Rotating the meeting locations helps other members participate who would otherwise pass due to a substantial commute. We typically host the meetings at company offices with an average attendance of about 20 members.

We distribute information through Project Partners and through our newly developed webpage. We also update our email distribution list on a constant basis so that all newly registered members receive our information.

MOST SUCCESSFUL MEETING

General Meeting- Rialto SlurryCarb Facility

On March 2, 2010 HDR hosted a meeting in their Riverside office with our local San Bernardino-Riverside YMF group and presented their contribution to the construction of the world's first commercial SlurryCarb facility. The 270,000 ton per year facility is located in the City of Rialto, on recycled land that used to be a landfill. The facility provides a recycling plan for five municipalities including the Los Angeles region, Sanitation District of Los Angeles County, Orange County Sanitation District, San Bernardino Municipal Water Department, City of Riverside, and the City of Rialto, by converting their bio-solids into a renewable solid fuel, called E-fuel. Unlike coal, E-fuel produces no mercury or sulfur dioxide when burning and does not emit *additional* sources of CO₂. The SlurryCarb process utilizes existing CO₂ and then emits this same CO₂ back into the atmosphere. Since coal is underground and not exposed to the air, when it burns it adds more CO₂ to the existing ground. The thing that amazed me most was the efficiency of the centrifuge and polymer. The specific chemical make up of the polymer efficiently paired with the appropriate centrifuge increases the mass percentage from 50% solids by mass to about 96% solids by mass. It was interesting to see how new processes work. 20 YMF members attended this meeting. The cost to YMF for this event was Zero since it was put on entirely by HDR. Thank you, Sean Hoss and HDR for the fantastic presentation.

UPCOMING ACTIVITIES:

LIST OF EVENTS FOR 2010-2011:

Event		Date
PE Booth and Happy Hour	October	30
YMF Joint Soccer Tournament	November	6
General Meeting	November	10
Hike to Cucamonga Peak	November	13
Technical Tour	December	10
Ontario Reign	December	17
Ronald McDonald House - Loma Linda Hospital	January	8
General Meeting	January	12
WRYMC (officers)	February	11 -13
Technical Tour	February	18
YMF Joint Mammoth Trip	February	25 - 27