



## **American Academy of Environmental Engineers (AAEE) Awards**

By Wendy Wert

At this year's annual conference in Palm Springs, the California Water Environment Association (CWEA) and the American Academy of Environmental Engineers (AAEE) hosted a joint breakfast to recognize exceptional achievement in the field of Environmental Engineering. CWEA's Engineering Research (E&R) Committee Chair Zeynep Erdal initiated the proceedings. Mike Selna continued with an introduction to AAEE, which explained that the mission of the organization is to improve the practice, elevate the standards and advance the cause of environmental engineers. Paul Friedlander highlighted the 2009 E&R award recipients. The keynote speaker for the event Glen Daigger then presented a state of industry discussion titled *Sustainable Practices for the Wastewater (and Water) Industry*.



Paul Friedlander presenting award to Zeynep Erdal (lt), Mike Selna (ctr lt), Paul Friedlander presenting award to Jon Ganz (ctr rt), Featured Speaker Glen Daigger (rt).

Mr. Daigger reviewed the causes of our global water situation, such as exponential population growth, increased standard of living, climate change, and urbanization. As a result of these factors nearly half the global population will experience water stress by 2025. Mr. Daigger highlighted the evolution of the environmental engineering profession, emphasizing problem solving and resource recovery initiative. The 21<sup>st</sup> Century urban water management system will include water conservation, distributed stormwater management, distributed water treatment, water reclamation, energy recover, nutrient recovery, and source separation components. Water and Wastewater electrical energy consumption is small compared to overall consumption. For example the average global resident uses 1,450 watts per person, with a mere 18 to 25 watts per person used for water and wastewater related activities. That said, about half of that energy is used for water distribution. Mr. Daigger encouraged the profession to embrace innovative strategies, such as decentralized systems, to respond to these challenges. Societies, which sustain remain true to their core values and adapt practices to existing realities. Mr. Daigger concluded by listing the core values of the profession such as, dedication to public service, environmental protection, belief in science-based approaches, and perseverance that will lead to sustainable solutions.

On May 6, 2009, the American Academy of Environmental Engineers (AAEE) continued to recognition of contributions to the field at their annual awards luncheon at the National Press Club in Washington DC. Kicking off this year's event was a champagne reception featuring displays of the winning projects in the 2009 Excellence in Environmental Engineering® competition. At the Luncheon which followed the reception, individual awards were presented to: Thomas E. Wilson (Gordon Maskew Fair Award), Stephen P. Graef (Stanley E. Kappe

Award), Walter J. Bishop (Edward J. Cleary Award), Perry McCarty and Michael J. Rouse (Honorary Members)



Dr. Perry McCarty (lt) Steve Maguin, Debra Reinhart, Walter Bishop, Cecil Lue-Hing, Perry McCarty (ctr), Walter Bishop and Jim Stahl (lt)

Those receiving Excellence in Environmental Engineering® Awards included:

- Superior Achievement Award – CDM & PUB, Singapore's national water agency, Marina Barrage, Singapore
- Research Grand Prize – Sanitation districts of Los Angeles County, An Innovative Approach to Disinfection for Recycled Water
- Research Honor Award – CDM, Biologically Enhanced High-Rate Clarification
- Planning Grand Prize – Kennedy Jenks, ACWA Energy Independence Project
- Planning Honor Award – Malcolm Pirnie, Enhanced Use Lease Development at Hill AFB
- Design Grand Prize - CH2M Hill, Broad Run Water Reclamation Facility
- Design Honor Award – AECOM, Back River Wastewater Treatment Plant; CH2M Hill, City of Clovis Sewage Treatment/Water Reuse Facility; CH2M Hill, Twin Oaks Valley Water Treatment Plant DBO Project; Jones Edmunds & Associates, Inc., H. Clay "Junk" Whaley, Sr. Memorial Water Plant; McMahon, Heart of the Valley Metropolitan Sewerage District Wastewater Treatment Facility Improvements
- O&M Grand Prize –Malcolm Pirnie, Inc. New York State Thruway Authority Statewide Stormwater Management Program
- University Research Grand Prize – Center for Crops Utilization Research, Iowa State University, Production of Single Cell Oil from Cellulosic Biomass by Fungal Processing
- University Research Grand Prize – University of Cincinnati Department of Civil and Environmental Engineering, Improved Water Quality in Northwest Tanzania
- Small Project Grand Prize – CDM, Groundwater Remediation Using Enhanced Anaerobic Bioremediation
- Small Projects Honor Award – Malcolm Pirnie, Seneca Lake State Park Sprayground
- Small Firm Award – Applied Environmental Technology, Onsite Nitrogen Reduction with Two-Stage Biofiltration

Congratulation to all the award recipients!

LABS is honored to have three of its finest members as candidates for higher office in AAEE. Mike Selna is running for the Vice President's spot while Jim Stahl and Tim Haug are running for Trustee-At-Large. All of them have competition for their spots so please cast your vote if you are an AAEE member. The voting ends very soon on June 15<sup>th</sup>!

## **Water For People LA Spring Hike-A-Thon in Malibu** By Wendy Martin

The second Water for People Los Angeles Chapter Hike-A-Thon was even more successful than the first and raised \$5,025 for sanitation and clean water projects in developing nations.



On Saturday, May 30, 2009, almost 80 hikers gathered at Charmlee Wilderness Park in Malibu for this cause and to indulge in the sights, smells, and sounds of the Santa Monica Mountains Coastal Slope environment during a tranquil yet festive morning hike. The event began with participants checking in and



receiving T-shirts, goodie bags, and balloons. Before the hike, participants enjoyed a free carb breakfast, coffee, and orange juice while listening to an introduction to Water for People.



Participants were asked to tie balloons to wrists and backpacks for the hike. The blue balloons symbolized the water people in developing nations carry back to their communities every day over distances similar to the 2.5-mile hike.

The fun hiking experience was also educational with informative placards about the global water situation placed along the hike route. Three quiz stations challenged participants' knowledge and provided an opportunity to earn a fun prize at the end of the hike. The mild weather was perfect for hiking, chatting, and enjoying the views of Malibu and the Pacific Ocean.



If you'd like to get involved with the Water for People Los Angeles Chapter, please contact Mischelle Mische at [mmische@Lacsd.org](mailto:mmische@Lacsd.org) or (562) 908- 4288 x2742.



Los ANGELES BASIN SECTION  
DINNER & TRAINING MEETING  
MONTEREY HILLS RESTAURANT  
THURSDAY, JUNE 18, 2009  
MIXER-6:00PM DINNER-6:30PM

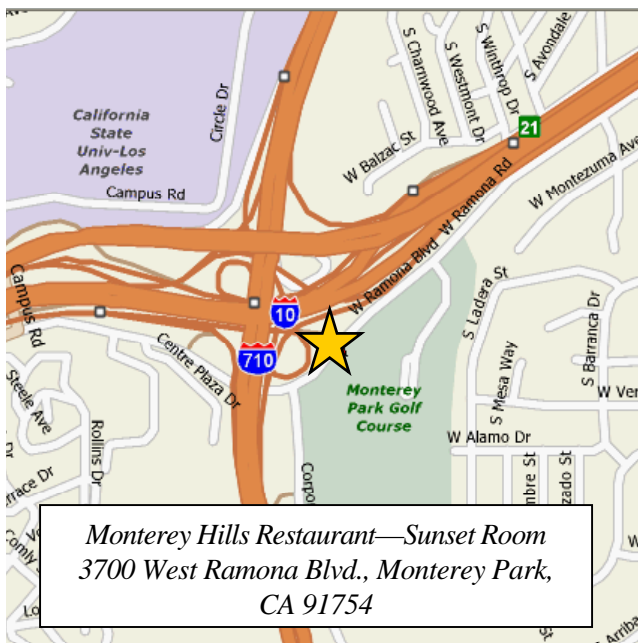
Guest Speaker: Dr. H el ne Baribeau  
Water For People—Rwanda

**Meeting Critical Needs for Water and Sanitation Improvements in Third World Communities — The Rwanda Story**

Although Rwanda has cast behind the dark days of the 1994 genocide, it still struggles to provide basic services for its 10 million citizens, services we often take for granted. In particular, Rwanda faces daunting water supply and sanitation challenges with roughly 40% lacking adequate hygienic conditions. Water for People (WFP), a humanitarian non-profit organization committed to helping communities in need of safe drinking water, improved sanitation, and basic hygiene services is active in Rwanda thanks largely to the efforts of their country coordinator, Dr. H el ne Baribeau.

Dr. Baribeau left Carollo Engineers as a disinfection and water quality expert to pursue her WFP work in Rwanda. Since June, 2008, she has lived in its capitol city of Kigali, and LABS is fortunate to have H el ne speak to us while she is here on temporary leave. She will discuss the implementation, literally from the ground up, of projects for two districts in Rwanda.

For more information, visit: [www.waterforpeoplela.com](http://www.waterforpeoplela.com)



Monterey Hills Restaurant—Sunset Room  
3700 West Ramona Blvd., Monterey Park,  
CA 91754



**Dinner Menu:**

Meals include one of the following entrees:

- ☞ *Roasted Prime Rib of Beef*
- ☞ *Chicken Piccata*
- ☞ *Baked Alaska Salmon*
- ☞ *Pasta Primavera (vegetarian)*

**Reservations:**

**RSVP By MONDAY, June 15**

RSVP (with one menu choice from above) to Pat McDaniel by e-mail (preferred method)

at [pmcdaniel@biocope.com](mailto:pmcdaniel@biocope.com)

or by

phone @ (214) 244-8692

**Event Cost: (pay at door)**

Members: \$30

Non-members: \$40

Students & Retirees: \$15



Handicap Accommodations Available



# 2009 LABS SPONSORS

Help sponsor LABS  
for only \$120/year.  
Contact Alec Mackie  
(714) 428-4614  
alecm@jwcea.com



**Reymundo Trejo**  
300 S. Grand Ave. , 2nd Fl  
Los Angeles, CA 90071  
reymundo.trejo@aecom.com

[www.aecom.com](http://www.aecom.com)



**Bay Area Process**  
14365 Meadow Dr.  
Grass Valley, CA 95945  
**Marc Cuniberti, President**  
Ph: (530) 272-2298  
Fax: (530) 272-2753  
Toll Free (800) 326-4039  
bayareaprocess@att.net  
Website: [www.RUECKCO.com](http://www.RUECKCO.com)

**Pumps • Parts • Systems • Repairs • Rentals**



**BioCOPE, Inc.**  
**Pat McDaniel, President**  
23711 Hix Drive Canyon, TX 79015  
Ph: 800-900-6201  
Fax: 888-473-4948  
pmcdaniel@biocope.com

[www.biocope.com](http://www.biocope.com)



**James H. Clark, P.E.**  
Vice President  
800 Wilshire Blvd. #600  
Los Angeles, CA 90017  
ph: 213-312-3300  
Fax: 213-312-3399  
clarkjh@bv.com

[www.bv.com](http://www.bv.com)



[www.coombshopkins.com](http://www.coombshopkins.com)

**R. Bruce Zimmerman, President**  
5411 Avenida Encinas, Suite 250  
Carlsbad, CA 92008  
ph: 760-931-0555  
cell: (714) 745-0678  
bruce@coombshopkins.com

**Supplier of Pumps and Process Equipment**



[www.cortechpumps.com](http://www.cortechpumps.com)

**Gabriel Zink**  
Sales Engineer  
1241 N. Lakeview Ave. Ste T  
Anaheim, CA 92807  
gabriel@cortechpumps.com  
Office 714 779-0911  
Mobile 714 904-7487



**We're Your Sensor Guys!**  
(818) 772-8720 Fax (818) 772-2477  
email: [sales@sensorguys.com](mailto:sales@sensorguys.com)  
[www.sensorguys.com](http://www.sensorguys.com)



**Amir Soltanieh**  
3010 Floyd St.  
Burbank, CA 91504  
Ph.: (818) 562-5282  
Fax: (818) 842-3217

Orange County Office  
Ph. (949) 855-0919  
Fax (949) 855-0929



[www.goldenbellproducts.com](http://www.goldenbellproducts.com)

**Murrial Adams**  
1200 N. Jefferson, Unit M  
Anaheim, CA 92807  
Phone: (714) 630-3861  
Fax: (714) 630-4807  
Toll Free: (866) 462-3577  
info@goldenbellproducts.com

**Environmental, Health & Safety • Training & Consultation • HR**



**Marjorie Boone**  
Office: (714) 245-9440 x104  
Fax: (714) 245-9443

PO Box 25704  
Anaheim, CA 92825  
mboone@joshuacasey.com



Industrial and Municipal Water and Waste Treatment Systems  
6739 So. Washington Ave./PO Box 469/Whittier, CA 90608-0469  
(562) 945-3425 Fax (562) 693-5257

**Patrick F. Kennedy** [pfk@calencon.com](mailto:pfk@calencon.com)



[www.cec-h2o.com](http://www.cec-h2o.com)

WATER  
AND WASTEWATER  
ENGINEERED SYSTEMS  
SEWAGE LIFT STATIONS  
SELF PRIMING / SUBMERSIBLE

**Represented by:**  
**California Environmental Controls**  
562-945-3425



# 2009 LABS SPONSORS

Help sponsor LABS  
for only \$120/year.  
Contact Alec Mackie  
(714) 428-4614  
alecm@jwce.com



*Engineering Excellence  
in Water & Envirostructure*

[www.lee-ro.com](http://www.lee-ro.com)

**Dhiru Patel, P.E.**  
Vice President  
1199 S. Fullerton Rd.  
City of Industry, CA 91748  
ph: 626-912-3391, x209  
fax: 626-912-2015  
dhiru-p@lee-ro.com



[www.marcabcoinc.com](http://www.marcabcoinc.com)

**Kris Brooks**  
155 Balboa St. Suite D-9  
San Marcos, CA 92069  
ph: 760-510-8030  
fax: 760-510-8031



[www.miscowater.com](http://www.miscowater.com)

**Chris McCampbell**  
27101 Burbank, Suite B  
Foothill Ranch, CA 92610  
(949) 458-5555  
(949) 458-5500 Fax  
cmccampbell@miscowater.com

Muffin Monster®  
Auger Monster®  
Honey Monster® septage receiving  
Finescreen Monster®  
Bandscreen Monster®  
Drumscreen Monster®  
Screenings Washer Monster®  
Represented by Misco Water



[www.jwce.com](http://www.jwce.com)



[www.mwhglobal.com](http://www.mwhglobal.com) • [joseph.a.wojlaw@mwhglobal.com](mailto:joseph.a.wojlaw@mwhglobal.com)

**Joseph A. Wojlaw, P.E.**  
Vice President  
618 Michilinda Ave. Ste. 200  
Arcadia, California 91007  
ph: 626-796-9141  
Direct: 626-568-6194  
Fax: 626-568-6101



[www.pacificprocess.com](http://www.pacificprocess.com) • [lgiordano@pacificprocess.com](mailto:lgiordano@pacificprocess.com)

**Lou Giordano**  
1146 N Central Ave. Ste 123  
Glendale, CA 91202  
ph: 818-500-9495  
cell: 818-489-8450  
fax: 818-500-9799



Surendra Thakral, P.E.  
VP SW Business Development Manager  
100 West Walnut, St. Pasadena, CA 91124  
[surendra.thakral@parsons.com](mailto:surendra.thakral@parsons.com)

ph: 626-440-6263  
cell: 626-483-3171  
fax: 626-440-6337  
[www.parsons.com](http://www.parsons.com)



[www.rmcwater.com](http://www.rmcwater.com)

2400 Broadway Ste. 300  
Santa Monica, CA 90404  
310-566-6460 ph  
310-566-6461 fax

*Innovative Solutions for  
Water and the Environment*



[www.sancon.com](http://www.sancon.com)

**Chuck Parsons**  
5841 Engineer Dr.  
Huntington Bch., CA 92649  
[chuck@sancon.com](mailto:chuck@sancon.com)  
ph: 714-891-2323  
ph: 800-726-2664  
fax: 714-891-2524  
cell: 714-231-3630  
Contr. Lic. 731797



Lic. 686371

**Steven Stump**  
17631 Metzler Lane  
Huntington Beach, CA 92647

ph: 714-847-1317  
fax: 714-847-6907

[www.ssmechanical.biz](http://www.ssmechanical.biz)



Donald G. Rosenberg & Associates

[solu2pollu@aol.com](mailto:solu2pollu@aol.com)

**Donald G. Rosenberg**  
Principal  
6442 Coldwater Canyon  
Suite 101  
North Hollywood, CA 91606  
ph: 818-508-4523  
fax: 818-508-6126



[www.wecklabs.com](http://www.wecklabs.com)

**Leo Raab**  
Director of Marketing  
14859 East Clark Avenue  
City of Industry, CA 91745  
Tel 626-336-2139  
Cell 805-760-4548  
Fax 626-336-2634  
Fax 805-435-1654  
[leo@wecklabs.com](mailto:leo@wecklabs.com)

## Sewer Leaks Editor

Alice Kuo  
1955 Workman Mill Rd.  
Whittier, CA 90601

### LABS Board of Directors

President:	<a href="#">Hala Titus</a>	(213) 312-3330
Vice President:	<a href="#">Pat McDaniel</a>	(800) 900-6201
Treasurer:	<a href="#">Ian Mackenzie</a>	(310) 648-6134
Director:	<a href="#">Alec Mackie</a>	(714) 428-4614
Director:	<a href="#">Wendy Wert</a>	(562) 908-4288 x-2128
Director:	<a href="#">Basil Hewitt</a>	(562) 908-4288 x-2311
Past President:	<a href="#">Patrick Griffith</a>	(562) 908-4288 x-2117

#### Address Changes

Please contact Marge Okabe at (310) 375-0448 or email  
[labsocwea@hotmail.com](mailto:labsocwea@hotmail.com)

### LABS Committee Chairs

Programs:	Pat McDaniel	(800)-900-6201
Newsletter:	Alice Kuo	(562) 908-4288 x-2155
Membership:	Marge Okabe	(310) 375-0448
WW Treatment & Reuse:	Mischelle Mische	(562) 908-4288 x-2488
Awards:	Patrick Griffith	(562) 908-4288 x-2117
TCP:	John Mays	(818) 778-4138
Supergroup:	Dan Gary	(310) 830-2400 x-5316
P3S Representative:	Bill Garrett	(562) 699-7411 x-2907
Collection Systems:	Pat McDaniel	(800)-900-6201
Public Education	Michael Simpson	(323) 342-6047
Operator Certification:	Francisco Ramirez	(310) 648-5857
Webmaster:	Miluska Propersi	(310) 566-6460
Young Professionals:	Amanda Schmidt	(310) 566-6460
Outreach Coordinator:	Erika De Hollan	(562) 908-4288 x-2836

### CWEA Liaisons

CWEA Director:	Ann Heil	(562) 699-7411 x-2803
Southern CA Rep:	Debra Bogdanoff	(562) 908-4288 x-2734

### SPECIAL EVENTS CALENDAR

June 4<sup>th</sup>  
CWEA Workshop – Southern Safety Day;  
Carson  
<http://www.cwea.org/conferences>

June 6<sup>th</sup> ~ 9<sup>th</sup>  
IFT Annual Meeting & Food Expo;  
Anaheim  
<http://www.cwea.org/calendar>

June 17<sup>th</sup>  
CWEA SSMP;  
Fairfield Suisun Sewer District  
<http://www.cwea.org/conferences>

June 17<sup>th</sup>  
WEF Gravity & Pressure Pipelines:  
Inspection and Assessment;  
WEF Webcast  
<http://www.wef.org/ConferencesTraining/Webcasts/>

June 18<sup>th</sup>  
LABS June Dinner Meeting;  
Monterey Park  
[pmcdaniel@biocope.com](mailto:pmcdaniel@biocope.com)

<http://www.labsocwea.com/>  
<http://www.cwea.org/>  
<http://www.wef.org/>  
<http://www.waterforpeoplela.com>