

About the Conference

The West Coast Section of the Air & Waste Management Association (A&WMA) will be hosting a conference on climate change on April 23-24, 2009, at the South Coast Air Quality Management District (SCAQMD) headquarters in Diamond Bar, California. This year's technical program is designed to highlight issues related to implementation of California's Global Warming Solutions Act. The speakers include recognized experts in their respective fields, including regulators, public officials, consultants, and professionals from industry and academia. We have made a significant effort to develop an interesting and informative program and hope that you will join us at the SCAQMD.

Location Information

The conference will be held at the SCAQMD Headquarters located at 21865 Copley Drive, Diamond Bar, California 92675.

If overnight accommodations are needed, please contact the Ayres Suites at (909) 390-7778, located at 21951 Golden Springs Dr., Diamond Bar, CA 91765 or Holiday Inn at (909) 86-5440, located at 21725 E Gateway Center Dr., Diamond Bar, CA 91765.

SCAQMD is located at the 57/60 freeways.

From Los Angeles: Take the 60 East Grand Ave., Right onto Grand, Right on Golden Springs, Left on Copley Drive.

From Riverside: Take the 60 West, Exit Grand Ave, Left onto Grand, Right on Golden Springs Drive, Left on Copley Drive.

From Orange County: Take the 5 North to 57 North to, 60 East, Exit Grand Ave, Right on to Grand, Right on Golden Springs Drive, Left on Copley Drive.

Target Audience

The conference aims to attract a wide audience by providing timely and interesting information on global warming topics, including a range of scientific, technical, and regulatory issues. Scientists, engineers and policymakers from county,

state, and federal agencies, regional conservation districts, consulting firms, colleges and universities, regulated businesses and industries, and environmental advocacy groups will benefit from participation in the meeting.

About A&WMA

A&WMA is a nonprofit, nonpartisan professional organization that provides training, information, and networking opportunities to 9,000 environmental professionals in 65 countries. The West Coast Section consists of seven professional chapters and six student chapters in So. California, Hawaii, Thailand, Singapore, Indonesia, and India.

Would you like to become an A&WMA member?

The West Coast Section and its chapters hold regular dinner/luncheon meetings featuring guest speakers on a variety of professional topics. For more information on joining A&WMA, contact: Rich Watson, WCS Membership Chair, via e-mail at rwatson@aqmd.gov or (909) 396-3753 or go to www.awma.org for A&WMA information or www.awma.org/join/index.html for membership forms.

Conference Committee Members

Technical Committee

Krishna Nand, Consultant (Conference Chair)
Sara Head, ENSR
Joe Hower, ENVIRON
Martin Ledwitz, Southern California Edison
Laki Tisopulos, South Coast AQMD
Richard Wales, Mojave Desert AQMD

West Coast Section A&WMA Chair

Laki Tisopulos, Ph.D., PE, SCAQMD

Registration

Cristina Lopez, SCAQMD

California's Global Warming Solutions Act Current Implementation Status and Future Plans



**AIR & WASTE MANAGEMENT
ASSOCIATION**

◆
SINCE 1907

WEST COAST SECTION

Co-Sponsored by:

South Coast AQMD

California Council for Economic and Environmental Balance

Southern California Air Quality Alliance

Los Angeles Department of Water & Power

April 23-24, 2009

**SCAQMD
21865 Copley Drive
Diamond Bar, CA 91765**

CONFERENCE PROGRAM

Thursday, April 23, 2009

8:00 a.m. Registration

8:30 a.m. Introduction by Dr. Laki Tisopulos, SCAQMD & A&WMA - West Coast Section Chair

8:45 a.m. Welcome by Dr. Krishna Nand, Consultant, A&WMA – West Coast Section Board Director

Conference Chair

Keynote Speaker: V. John White, CEERT

9:30 a.m. – 10:45 a.m. Global Warming Solutions Act and SB375

Session Chair: Gerald Secundy, CCEEB

- ❖ Overview of the Act, Richard Varenchik, ARB
- ❖ GHG Emission Inventories and Reporting, Howard Balentine, AECOM
- ❖ SCAQMD GHG Emission Inventory Reporting Tool, Francis Goh, SCAQMD,
- ❖ An Overview of SB375, Huasha Liu, SCAG

10:45 a.m. – 11:00 a.m. Break

11:00 a.m. - 12:00 p.m. GHG Emissions and CEQA (Significance Thresholds)

Session Chair: Jill Whynot, SCAQMD

- ❖ OPR Approach for CEQA Analysis, Terry Roberts, OPR
- ❖ ARB Approach for CEQA Analysis, Richard Varenchik, ARB
- ❖ SCAQMD Approach for CEQA Analysis, Dr. Steve Smith, SCAQMD
- ❖ CEC Approach for CEQA Analysis, CEC

12:00 p.m. Conference Luncheon

Speaker: Rick Sprott, A&WMA President

1:30 p.m. – 3:15 p.m. Cap and Trade Programs

Session Chair: Dr. Miriam Lev-On, The LEVON Group

- ❖ Federal Cap and Trade Program, Rick Sprott, A&WMA President
- ❖ Western Climate Initiative, Mark Wenzel, CalEPA
- ❖ California's Perspective on Cap and Trade, Lucille Van Ommering, ARB
- ❖ The RECLAIM Program – Lessons Learned, Barbara Baird, Esq., SCAQMD
- ❖ Power Utility Sector's Perspective, Peter Skala, CPUC
- ❖ Oil and Gas Industry's Perspective, Cathy Reheis-Boyd, WSPA
- ❖ SCPPA Perspective of Cap-and-Trade Program, LeiLani Johnson, LADWP

3:15 p.m. – 3:30 p.m. Break

3:30 p.m. – 4:30 p.m. GHG Banks

Session Chair: Jennifer Kaminski, Climate Registry

- ❖ Overview of CCAR's Reserve, Jennifer Kaminski, Climate Registry
- ❖ Overview of SCAQMD's GHG Reduction Efforts, Dr. Aaron Katzentstein, SCAQMD
- ❖ The Emerging GHG Offset Market, Peter Mieras, JMBM

Friday, April 24, 2009

8:00 a.m. Registration

8:30 a.m. – 10:00 a.m. Emerging Renewable Energy Technologies

Session Chair: Jim Corlett, Sempra Energy Utilities

- ❖ High Concentration Photovoltaic Systems, Robert McConnel, AMONIX
- ❖ New Wind Power Generation Technology, Kevin Mahaffy, Exquadrum
- ❖ Fuel Cell Technology, Dr. Jacob (Jack) Brouwer, UCI
- ❖ Ocean Energy, Hal La Flash, PG&E
- ❖ Use of Emerging Technologies, A Case Study, Jim Corlett, Sempra Energy Utilities

10:00 a.m. - 10:15 a.m. Break

10:15 a.m. - 12:00 p.m. Non-Traditional Sources of Energy

Session Chair: Greg Adams, LACSD

- ❖ Energy from Conversion Technology, Alex F. Helou, City of Los Angeles
- ❖ Energy from Biomass, Fernando Berton, CIWMB
- ❖ Energy from Landfill/Digester Gas, Mark McDannel, LACSD
- ❖ Hydrogen from Sewage, OCSD Case Study, Layne Baroldi, OCSD
- ❖ Pyrolytic Gasification Technology, Todd Bluechel, Balboa Pacific Corporation

12:00 p.m. Conference Luncheon

A word from Dr. V. Thapliyal – Contributor to the work of the United Nations Intergovernmental Panel on Climate Change - Joint Winner of the 2007 Nobel Peace Prize

1:30 p.m. – 3:00 p.m. Renewable Power Generation

Session Chair: James Caldwell, LADWP

- ❖ LADWP's Renewable Power Generation Program, Jim Caldwell, LADWP
- ❖ SCE's Renewable Power Generation Program, Marci Burgdorf, SCE
- ❖ City of Pasadena Renewable Power Generation Program, G. Bawa, City of Pasadena
- ❖ Overview of OCS Alternative Energy and Alternate Use Program, Joan Barminski, MMS
- ❖ Integration of Advance Technologies at SCE, Paul De Martini, SCE

3:00 p.m. – 3:15 p.m. Break

3:15 p.m. – 4:15 p.m. Control of GHG Emissions

Session Chair: Joseph Hower, P.E., DEE, ENVIRON

- ❖ Climate Change Mitigation Strategies, Joseph, Hower, ENVIRON
- ❖ Hybrid/ Hydraulic-Hybrid Technology to Reduce GHG Emissions, Bill Van Amburg, CalStart
- ❖ New Power Cycles with Carbon Capture and Sequestration, Ron Kent, Sempra Energy Utilities
- ❖ SCE's Plug-In Hybrid Program, Dean Taylor, SCE
- ❖ GHG Reduction with Dairy Digesters – Allen Dusault of Sustainable Conservation

Meeting Cost Information

The meeting will require a registration fee, which will include lunch, refreshments breaks, and conference materials.

Attend Type	Advance by April 10		At Door**	
	Member	Non-Mem.	Member	Non-Member
Reg.	\$100.00	\$150.00	\$125.00	\$175.00
Value		\$250.00*		\$275.00*
Stdnt.	\$25.00	\$50.00*	\$25.00	\$50.00*

* Includes A&WMA membership at a discount for new members for one year.

**** Please RSVP by April 17th to ensure availability of space.**

Submit one registration form per individual. Copy this form for additional registrants. Please detach this portion and mail it with a check or money order payable to West Coast Section A&WMA (no cash or credit cards please) to: **c/o Cristina Lopez**, SCAQMD, 21865 Copley Drive, Diamond Bar, CA 91765, Phone (909) 396-2114 Fax: (909) 396-3324 e-mail: clopez@aqmd.gov

Name: _____

Title: _____

Org: _____

Address _____

Tel: _____

e-mail _____

Member (Yes/No) Member No: _____