

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 Tisopoulos, Chair, West Coast Section

8:45 a.m. Welcome by Dr. Krishna Nand, Conference Chair

Keynote Speaker: V. John White, CEERT

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

Session Chair: Gerald Secundy, CCEEB

- ❖ Overview of the Act, Richard Varenchik, ARB
- ❖ Overview of the Scoping Plan, ARB
- ❖ GHG Emission Inventories and Reporting, ARB
- ❖ SCAQMD GHG Emission Inventory Reporting Tool, Franics Goh, SCAQMD,
- ❖ An Overview of SB375, Huasha Liu, SCAG

10:30 a.m. – 10:45 a.m. Break

10:45 a.m. - 12:00 p.m. GHG Emissions and CEQA (Significance Thresholds)

Session Chair: Jill Whynot, SCAQMD

- ❖ SCAQMD Approach for CEQA Analysis, Dr. Steve Smith, SCAQMD
- ❖ ARB Approach for CEQA Analysis, ARB
- ❖ CEC's Approach for CEQA Analysis, CEC, Invited
- ❖ OPR's Approach for CEQA Analysis, OPR, Invited

12:00 p.m. Conference Luncheon

Speaker: Rick Sprott, A&WMA President

1:30 p.m. – 3:00 p.m. Cap and Trade Programs

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

- ❖ The RECLAIM Program – Lessons Learned, Barbara Baird, Esq., SCAQMD
- ❖ California's Perspective on Cap and Trade, Lucille Van Ommerring, ARB
- ❖ Western Climate Initiative, Michael Gibbs, CalEPA, Invited
- ❖ Federal Cap and Trade Programs, C.V. Mathai, APS
- ❖ Power Utility Sector's Perspective, CPUC, Invited
- ❖ Oil and Gas Industry's Perspective, WSPA
- ❖ SCPPA Perspective of Cap-and-Trade Program, LeiLani Johnson, LADWP

3:00 p.m. – 3:15 p.m. Break

3:15 p.m. – 4:30 p.m.

GHG Banks

Session Chair: Jennifer Kaminski, Climate Registry

- ❖ Overview of CCR's Reserve, TBD
- ❖ Overview of SCAQMD's GHG Reduction Efforts,

- ❖ Dr. Aaron Katzentstein, SCAQMD
- ❖ Project Case Studies, TBD

Friday, April 24, 2009

8:00 a.m. Registration

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

Session Chair: David Berokoff, Sempra Energy Utilities

- ❖ High Concentration Photovoltaic Systems, Robert McConnel, AMONIX
- ❖ New Wind Power Generation Technology, Kevin Mahaffy, Exquadrum
- ❖ Fuel Cell Technology, UCI, Invited
- ❖ Tidal Power, PG&E, Invited
- ❖ Use of Emerging Technologies, A case Study, SDGE, SCE, Invited

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, TBD
- ❖ Hydrogen from Sewage, OCS Case Study, Ed Torres, Invited

12:00 p.m. Conference Luncheon

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

Session Chair: James Caldwell, LADWP

- ❖ LADWP's Renewable Power Generation Program, Invited
- ❖ SCE's Renewable Power Generation Program, Marci Burgdorf
- ❖ SDGE's Renewable Power Generation Program, Invited
- ❖ Overview of OCS Alternative Energy and Alternate Use Program, Joan Barminski, MMS

3:00 p.m. – 3:15 p.m. Break

3:15 p.m. – 4:30 p.m. Control of GHG Emissions

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

- ❖ Climate Change Mitigation Strategies, TBD
- ❖ Hybrid Technology, including Hydraulic-Hybrid System Technology to Reduce GHG Emissions, CalStart, Invited
- ❖ Plug-In Technology, CalStart, Invited
- ❖ Clean Coal Projects, IGCC and Carbon Sequestration, SCE, Invited

Exhibitors

Exhibit booth (table top) spaces will be available for \$500 each and include one complimentary registration. Space is limited, so reserve your space early. For more information on exhibits, contact: Cristina Lopez at (909) 396-2114

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-Mem.
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.

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.)