Overview of the Technical Council

Presentation to the A&WMA Louisiana Section Conference

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Topics

• A&WMA International Overview
• A&WMA Board
• Technical Council
• International Conferences
• Participating in Technical Council
• Parting Words
A&WMA Overview

- Established 1907
- International
- Non-profit technical, scientific, educational organization
- Approx. 8,600 members in 65 countries
- 32 Sections, 67 Chapters, 50 Student Chapters
A&WMA Strategic Plan

• A&WMA’s Core Purpose

  To advance the environmental profession by providing a neutral forum for knowledge exchange and networking.
A&WMA Strategic Plan

A&WMA’s Core Values

- *Environmental Responsibility*
- *Ethical Behavior*
- *Professionalism*
- *Open Communication*
- *Quality Member Service*
- *Life-long Learning*
A&WMA Strategic Plan

Goals & Strategies for Achieving A&WMA’s Envisioned Future

By 2009:

- The Air & Waste Management Association will be an increasingly significant resource for environmental knowledge exchange, professional development, and education for its members.
- The Air & Waste Management Association will be recognized by key stakeholders as an unbiased source of credible environmental information and knowledge.
- The Air & Waste Management Association will be the recognized neutral forum that advances environmental understanding for all key stakeholder groups.
- The Air & Waste Management Association will be financially secure and stable.
Participating in A&WMA

- Local Level: Sections and Chapters
- International Level
  - Councils, Committees, Board
  - Workshops, Specialty Conferences, Continuing Education, Publications
- A&WMA Annual Conference and Exhibition
  2008: Portland, OR  2009: Detroit, MI  2010: Calgary, AB
- Public Education and Outreach
  - Teacher Training Workshops
  - Forums
A&WMA Benefits

Network of Contacts
Publications
• A&WMA Journal
• EM
• Proceedings
• Other Tech.

Publications/Articles
QEP Exam Preparation
Employment Services

Internet
http://www.awma.org
• Membership
• Publications/Online Library
• Meetings
• Sections/Chapters
• Employment Opps
• Links
• News, Staff
• Outreach, Education
• Scholarships
A&WMA Board

• Volunteers
• 3-year terms
  – Up to 18 Directors
    • 6 elected ‘at large’ (at least 2 from the regulated community and at least 2 from the regulatory community)
    • President, President-elect, Immediate Past President
    • 3 Council Chairs (elected by members of the council)
    • Up to 3 appointed by Board
  – Secretary (Executive Director) – non-voting; not included in the 18
  – Treasurer (Board appointment) – non-voting; not included in the 18
A&WMA Board Responsibilities

- Establish Association Policies
- Provide proper financial oversight
- Ensure adequate resources
- Ensure legal and ethical integrity and maintain accountability
- Determine, monitor and strengthen the Association’s programs and services
- Employ the Executive Director
A&WMA Technical Council

ROLES, STRUCTURE and ACTIVITIES
Role of Technical Council

- Technical expertise
- Technical review
- Annual conference program
- Specialty conferences/ workshops/ professional development courses/ online seminars and courses
- Joint sponsored society meetings
- State-of-the-art expertise
- Technical publications
Structure of Technical Council

- All serve 3-year terms
- Chair, Chair-Elect, Immediate Past-chair
- Three Areas with Area Coordinators (Air [Pat Brush], Environmental Management [Mark Shanahan], Waste [Sardar Hassan])
- 12 Divisions (Chair and Vice-chair)
- 1 Intercommitttee Task Force (ITF)
- 50 Technical Coordinating Committees (TTCs)
- Critical Review Committee
Executive Committee

- Chair
- Vice Chair
- Immediate Past Chair
- Group Coordinators
Technical Council Structure

- Technical Council
- Executive Committee (TC Chairs and Area Coordinators)
- Division Leaders
- ITF Coordinator
- TCC Officers
- TCC & ITF members
- Critical Review Committee
Technical Council – Technical Coordinating Committees
Air Group

Basic Sciences Division
AB-1 Particulate Matter
AB-2 Chemistry
AB-3 Meteorology
AB-5 Noises and Vibration
AB-6 Visibility
AB-7 Indoor Air Quality

Emission Control Technology Division
AE-1 Control of Particulate and Associated Acid
AE-2 Control of Solvents, Odors, and Gases

Optical Sensing Division
AO-1 Techniques of Optical Sensing for the Environment & Industry
AO-2 Applied Optical Sensing
AO-3 Optical Sensing for Leak Detection

Measurement Division
AM-1 Emission Factors & Inventories
AM-2 Receptor/Source Apportionment
AM-3 Ambient Monitoring
AM-4 Source Monitoring
AM-5 Data Management, Analysis, and Quality Assurance

Toxic Air Pollutants Division
AT-1 Toxic Emissions, Releases, Response & Strategies (TERRAS)
AT-3 Health & Environmental Effects
Technical Council – Technical Coordinating Committees

Environmental Management Group

Effects Division
EE-1 Health Effects & Exposure
EE-5 Risk Assessment/Management
EE-6 Odors
EE-7 Homeland and Environmental Security

Industrial Processes Division
EI-1 Federal Facilities
EI-2 Power Generation
EI-3 Industrial Furnaces & Boilers
EI-4 Chemical/Petroleum Sources
EI-5 Cement Lime & Non-Metallic Mineral Processing
EI-6 Metal Industries

Program Administration Division
EP-1 Policy & Regulations
EP-3 Legal/Liability
EP-4 Facility Permitting & Siting
EP-5 Public Participation
EP-8 EH&S Management Systems
EP-9 Ethics

Pollution Prevention & Sustainable Development Division
ES-1 Pollution Prevention
ES-4 Climate Change and Sustainability

Transportation Issues Division
ET-1 Transportation: On and Off Road Mobile Sources
ET-2 Land Use and Transportation Policies
Technical Council – Technical Coordinating Committees

Waste Group

Municipal and Medical Waste Division
WM-1 Integrated Management
WM-3 Municipal Waste Treatment
WM-4 Medical Waste Treatment

Hazardous, Radioactive, and Mixed Waste Division
WR-1 Site Characterization & Investigation
WR-2 Hazardous, Radioactive, and Mixed Waste
Planning for Portland Meeting

New Timeline Being Used for 2008

August 2007
Call for Papers

3 Dec. 2007
Abstracts Due

11 Jan. 2008
Session Proposals Due

17-19 Jan. 2008
ACTP Planning
“Develop Grid”

3 Mar. 2008
Draft Panel Info & Draft Manuscripts Due

31 Mar. 2008
Final “late-breaking” Panels

1 May 2008
Final Panel Info & Final Manuscripts Due

19 May 2008
Final Program

2008 ACE Program

17 Mar. 2008
Preliminary Full Program

1 May 2008
Final Panel Info & Final Manuscripts Due

19 May 2008
Final Program

New Timeline Being Used for 2008
Specialty Conferences

- TC Committees should propose conferences on timely topics, as appropriate
- No specified quota, but as a committee supporting the Association, should be aware of topics appropriate for a S/C on an ongoing basis
- A TCC can solely sponsor a conference, or do so jointly with other TCCs or Sections & Chapters
Description of Specialty Conferences

- Can be proposed by any member of the Association by completing the Program Proposal Form (on Web site under Technical Council).
- Subject to approval by Tech Council Chair and Staff
- A neutral forum where environmental professionals share technical, managerial, and/or policy-related information
- Similar format to Annual Conference (courses, technical program, exhibition)
2007 Activities

• A&WMA 100th Annual Conference and Exhibition
  – June 26-29, 2007, Pittsburgh, PA
• International Process and Technology Innovations for Effective Waste Management, Mississauga, ON, Canada, February
• Understanding the Changing World of New Source Review (NSR), Las Vegas, NV, April
• Symposium on Air Quality Measurement Methods and Technology, San Francisco, CA, April - May
• Environmental Nuisances: Noise, Light, Odour, & Fugitive Dust, Vancouver, BC, Canada, May
• Twenty-sixth Annual International Conference on Incineration and Thermal Treatment Technologies, Phoenix, AZ, May
Topical Areas in ’07 Annual Conference (170 Sessions)

• Basic Sciences
• Optical Sensing
• Industrial Processes
• Emission Control Technology
• Toxic Air Pollutants
• Program Administration
• Municipal/Medical Waste
• Measurements

• Effects
• Pollution Prevention/
  Sustainable Development
• Hazardous/Mixed/Radio-
  active Waste
• Agriculture
• Environmental Security
• Transportation Issues
Featured Symposia & Sessions

- Plenary Sessions by Christine Todd Whitman (former EPA Administrator), Lester Lave (Carnegie-Mellon University) and others
- Critical Review (John Bachman) and Symposium on The Role of the U.S. National Ambient Air Quality Standards in Air Quality Management
- Plenary Sessions on Energy in the 21st Century, RCRA, Title V, NSR, Sustainable Development, Nuclear Power, Brownfields and Issues in Developing Countries
- Featured Sessions on Ozone, Global Climate and Sustainability, Mercury, Modeling, Transportation, International Focus, Industrial Issues, Waste Management and Others
2007 Activities, Continued

- Transportation Land-Use, Planning, and Air Quality Conference, Orlando, FL, July
- Understanding the Changing World of New Source Review (NSR), Albuquerque, NM
- Vapor Intrusion: Learning from the Challenges, Providence, RI, September
- Canadian Ship Emissions Conference, Montreal, QC, Canada
- Canadian Vapor Intrusion Conference, Calgary, AB, Canada, November
- A&WMA/EPA Information Exchange, Research Triangle Park, NC, December
### 2007 Activities, Continued

#### Co-Sponsored and Other

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<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
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<tr>
<td><strong>Urban Air Quality</strong></td>
<td>March 27 - 19, 2007</td>
<td>Cyprus</td>
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<td><strong>Americana 2007: The International Environmental Technology</strong></td>
<td>March 20 - 22</td>
<td>Montreal, QC, Canada</td>
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<td><strong>Trade Show &amp; Conference</strong></td>
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<td><strong>The 17th Annual Conference of the International Society for</strong></td>
<td>Oct 14 - 18, 2007</td>
<td>Durham, NC</td>
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<td><strong>Exposure Analysis</strong></td>
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<td><strong>IUAPPA World Congress</strong></td>
<td>Sep 9 - 13, 2007</td>
<td>Brisbane, Queensland, Australia</td>
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2008 Activities

• A&WMA 101st Annual Conference and Exhibition
  – June 24-27, 2007, Portland, OR

• 15th Joint Conference on the Applications of Air Pollution Meteorology, New Orleans, LA, January

• Environmental Nuisances: Noise, Light, Odour, & Fugitive Dust, Toronto, ON, Canada, February

• The Climate Policy Puzzle: Putting the Pieces Together, Arlington, VA, April

• WEF/A&WMA Odors and Air Emissions 2008, Phoenix, AZ, April

• Aerosols and Atmospheric Optics: Visual Air Quality and Radiation, Moab, UT, April-May
2008 Activities, Continued

- Twenty-seventh Annual International Conference on Thermal Treatment Technologies, Montreal, QC, Canada, May
- Mega Symposium, Baltimore, MD, August
- Air Quality Measurement Methods and Technology, Chapel Hill, NC, November
- A&WMA/EPA Information Exchange, Research Triangle Park, NC, December
- Indoor Air Quality, Canada, in Planning
- Waste Management, Canada, in Planning
- Transportation, Canada, in Planning
- Air Quality Models, October, in Planning
2007 Planned Activities, Continued

• Co-Sponsored and Other

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<tr>
<th>Event</th>
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<tr>
<td>The International Society for Environmental Epidemiology &amp;</td>
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<td>International Society for Exposure Analysis Joint International</td>
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<td>Conference</td>
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<td>Oct 12 - 16, 2008 • Pasadena, CA</td>
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<th>Event</th>
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<tr>
<td>IUAPPA Annual Meeting</td>
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How do you get involved in Technical Council?

• Be a Member of A&WMA
• Be Interested in One of the Topical Areas of TCC
• Show up at a TCC Meeting at the Annual Conference; No Invitation Necessary
• If You Can’t Make it to the Annual Conference, Contact the TCC Chair (see A&WMA Web Site)
What If There Is No TCC in Your Area of Interest?

• You Are in Luck! Contact the Tech Council Chair and Discuss the Need for a New TCC

• Tech Council is Always Looking for Interested Members Who Want Leadership Opportunities
What If You Do Not Want to Be in a TCC? Can You Participate in Tech Council Activities?

• You Can Submit a Topic Proposal for the Annual Conference (See TCC List for Sponsors)
• You Can Propose a Paper for the Annual Conference by Answering the Call for Abstracts
• You Can Propose a Specialty Conference with Sponsorship from a Division or a TCC
• You Can Propose a Paper for a Specialty Conference
If You Have Any Questions on Participation in Technical Council Activities:

• Contact Delbert Eatough, Tech Council Chair and He Will Help You:
  (801) 422-6040 or delbert_eatough@byu.edu
  Or Lisa Perrin, Staff Liaison to Technical Council
  (412) 232-3444 x4006, lperrin@awma.org

• There is a List of Tech Council Division Chairs and TCC Chairs on the A&WMA Web Site

• If You Hear of Any Problems Your Section or Chapter Members are Having in Finding Help from Tech Council, Please Contact Delbert Eatough