



# 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



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# 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





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# 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



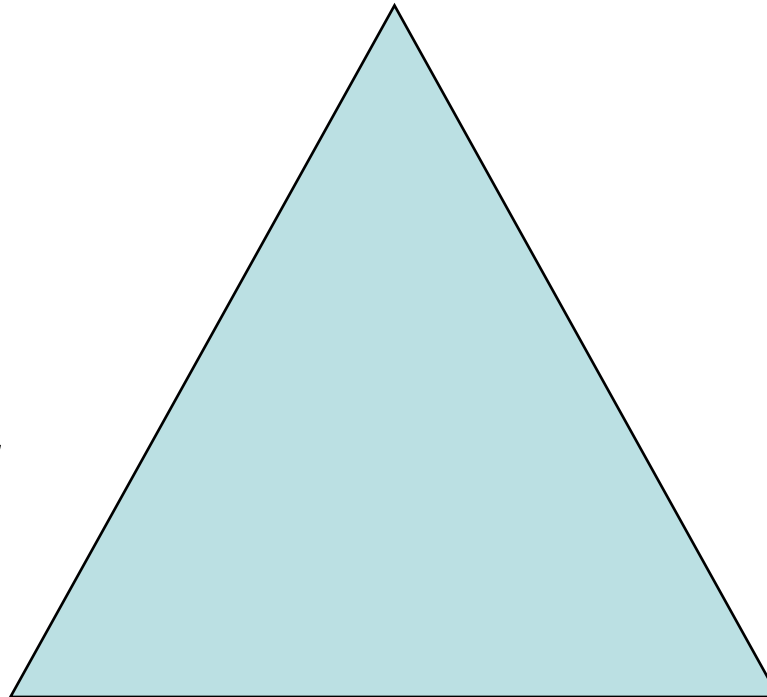
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# Councils

**Sections  
Council**  
Jayme Graham

**Education Council**  
Harry Klodowski

**Technical Council**  
Delbert Eatough





# **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 Intercommitte Task Force (ITF)
- 50 Technical Coordinating Committees (TTCs)
- Critical Review Committee



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# 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

### 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

### 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

### 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

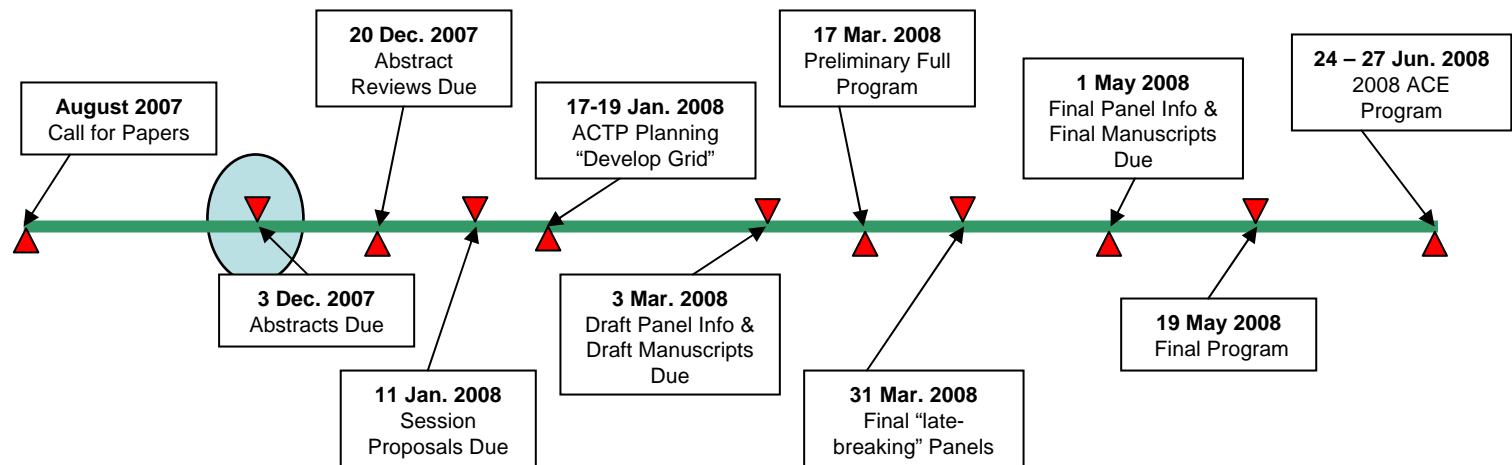
WM-4 Medical Waste Treatment

### 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**



# 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)



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# 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



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# 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**



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# 2007 Activities, Continued

- **Co-Sponsored and Other**

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



# 2008 Activities

- **A&WMA 101st Annual Conference and Exhibition**  
– **June 24-27, 2007, Portland, OR**
- **15<sup>th</sup> 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**



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# 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**

	<b>The International Society for Environmental Epidemiology &amp; International Society for Exposure Analysis Joint International Conference</b> <b>Oct 12 - 16, 2008 • Pasadena, CA</b>	
	<b>IUAPPA Annual Meeting</b> <b>Sep</b>	



# 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](mailto:delbert_eatough@byu.edu)  
Or Lisa Perrin, Staff Liaison to Technical Council  
(412) 232-3444 x4006, [lperrin@awma.org](mailto: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