



**Air & Waste Management  
ASSOCIATION  
Greater St. Louis Section**



*Gateway to the  
Twenty-First Century*

**MARCH MEETING**

**Tuesday, March 19, 2002**

Russo's Spazio at Westport  
12031 Lackland Road  
St. Louis, Missouri 63146  
314-576-0400

**"Missouri Department of Natural Resources' Emission  
Reduction Credits Banking Rule"**

*Kristi Dorge, Environmental Specialist, Air Program, MDNR*  
*Peter Goode, Chief of Planning, Air Program, MDNR*

**Chicken Buffet**

\$17.00 Members/\$22.00 Non-Members  
11:30 – 12:00 Registration/Networking  
12:00 – 1:30 Lunch/Business Meeting

Your reservation must be received by  
Noon, Friday March 15, 2002

Please send the following information to Susan Myers  
E-mail: [smyers@stlmsd.com](mailto:smyers@stlmsd.com) or Fax: 314-768-6279

**Meeting Sponsored By  
Environmental Resources Management**



Member Name: \_\_\_\_\_

Non-Member Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Number of People: \_\_\_\_\_

**Directions:** From Highway 270, turn east onto Page Avenue. Turn right on Westport Center Drive. Turn right on Lackland Road. The building is on the right side, adjacent to Comfort Inn.

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## MESSAGE FROM THE CHAIR

Wow!!! What a great group of people we have in St. Louis. My last note asked "So what have you done for me, today?" So many people have come up to me in the last few months and offered to do something that I am really pleased. We can always use some more ideas, so please continue to let me and the other board members know what subjects you would like to see at the meetings. You took it to heart that if you want to get the most from this organization, you have to share your ideas and talents.

A lot of our businesses have suffered in the last few months, but we are very fortunate to have local companies finding a way to continue to support our meetings and programs. Attendance has been very good, as well. St. Louis is a unique Section of A&WMA. We are small, but very active and strive to provide some reward for you as members, every day.

There are a lot of exciting things happening this year. This is our first electronic and our last hard copy newsletter. We are sponsoring the Hazardous Waste Combustion Conference in April. We had our first student meeting as a prelude to organizing student chapter activities, and maybe our first ever Greater St. Louis Section Chapter. We are streamlining our internal procedures to minimize billing problems, and to prevent any erosion of our ability to provide a strong program.

Our organization still needs more volunteers to suggest program ideas, sponsor a meeting, bring in new members, and keep things running smoothly. Please continue to send your ideas and offer your assistance.

Say hi to me at the next meeting!

Tom Blackwood

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## MARCH MEETING TOPIC

### **Emissions Banking and Trading**

The Missouri Department of Natural Resources participated in the creation of current legislation that mandates the development of an emissions banking and trading program for the nonattainment and maintenance areas in the state of Missouri. This legislation became effective August 28, 2001. It requires the Missouri Air Conservation Commission to promulgate rules that will establish a "Missouri Air Emissions Banking and Trading Program".

The department is developing the rule through a workgroup process with interested entities, including facilities from the nonattainment and maintenance areas, environmental groups and the United States Environmental Protection Agency. The workgroup process began in October 2001 and is projected to be completed in April 2002. The department expects the final rule to be effective in March 2003.

Emissions banking and trading programs allow facilities to earn emission reduction credits (ERCs) by emitting below the applicable standard for a particular pollutant. The ERCs can be banked, traded or sold to a different facility. That facility can in turn use the ERCs to comply with their applicable standard or bank them for later use.

These programs are helpful to facilities who are planning to expand a current facility or wish to build an additional facility in a nonattainment or maintenance area. These programs are also economically beneficial to facilities who consistently emit below their permitted levels.

This program should help Missouri to achieve and maintain the National Ambient Air Quality Standards established by the Clean Air Act. An environmental contribution of 3% will be subtracted from the bank of credits each year.

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## MARCH SPEAKER BIOGRAPHIES

Peter Goode – Mr. Goode is Chief of the State Implementation Plan (SIP) Unit that is developing the Missouri Emissions Banking & Trading Program. The SIP Unit also handles air pollution issues including fuels, vehicle inspection and maintenance, nitrogen oxide rules for electric generating units and cement kilns, St. Louis and Kansas City air quality plans, and lead air quality plans. Mr. Goode has worked for the Air Pollution Control Program for over nine years. He has a BS in Chemical Engineering from the University of Missouri – Columbia and is a registered Professional Engineer.

Kristi Dorge – Ms. Dorge is an Environmental Specialist in the Planning Section of the Missouri Department of Natural Resources' Air Pollution Control Program. Ms. Dorge works on various air pollution projects, including amending and creating air pollution control rules. She is a member of the Missouri Emissions Banking and Trading Program and NOx trading workgroups. Ms. Dorge has been with the Air Program for almost 3 years and has a BS in Geological Sciences from the University of Missouri - Columbia.

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## ATTENTION TEACHERS

There is a new program that has been developed to interest children, ages 6-11, in Engineering. The program called "ZOOM Into Engineering", was developed by WGBH in Boston and is based on the PBS program called "ZOOM", on KETC at 3:00 P.M. A workshop was recently conducted in Washington, D.C. to explain the program and give instructions for running your own workshop for other Engineers or for Elementary School children. A kit was given to all participants. This kit contains an activity guide, which explains several hands-on activities related to various engineering problems, a video showing the ZOOM kids demonstrating the activities, a CD-ROM which has a self-directed tutorial, colorful signs, reproducible handouts and a power point presentation.

If you are interested in the kits or would like to attend a seminar explaining the "ZOOM Into Engineering" program, please contact: Aaron Greenberg, Career Guidance Committee, St. Louis Section, ASCE, 2820 Hereford, St. Louis, MO 63139, [agreenberg@iopener.net](mailto:agreenberg@iopener.net), 314-664-5498.

P.S. Thanks for your interest!!

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## BAMSL

The Bar Association of Metropolitan St. Louis, Environmental Law Committee is committed to providing its membership with up-to-date information regarding key legal developments in environmental law, as well as opportunities to interact with regulators at various Committee sponsored programs. This tradition was broadened over the last two years to include members of the regulated community and other interested persons not members of the Bar. Our Committee has already sponsored four programs over the course of the current BAMSL operational year, and will sponsor several more one-hour lunch programs and a full-day environmental enforcement program that may be of interest to AWMA members. The full day program will be co-sponsored by various other groups who have an overlapping interest in environmental programs. AWMA members will be receiving notice of the BAMSL environmental programs, and may coordinate with the Committee if wishing to attend.

*Rich Jacobs, Esq., Co-Chair, BAMSL Environmental Committee*

# HAZARDOUS WASTE COMBUSTORS SPECIALTY CONFERENCE

**April 16-19 at the Frontenac Hilton**

Mark your calendar for the best specialty conference of the year (April 17-19), and it's right in your own backyard! A couple of courses will be offered before the 2 1/2 day meeting on April 16. They will be: 1) Trial Burn and BIF Compliance Testing (AIR-285) and 2) Negotiation Strategies for Environmental Professionals—A Framework for Successful Outcomes (EMGM-231). There will be an opportunity to visit a state-of-the-art hazardous waste incineration facility, meet with the best suppliers of environmental equipment, and talk to some of the best technical people in the field.

If you burn waste in any combustion unit, including boilers, cement kilns, lightweight aggregate kilns, or incinerators, this meeting is a must! Among the topics that will be covered are:

- updates to the Hazardous Waste Combustor MACT rule;
- implementation of the interim standards;
- designs for testing MACT sources;
- application of risk assessment and MACT sources;
- other NESHAPs affecting combustors; and
- other legal and technical issues.

Attendees will have two days of interfacing with exhibitors to help them learn more about regulatory requirements, measurements and testing, and new technologies. This interaction will help give better insight into the practical side of hazardous waste handling and combustion and supplement the technical program.

**Come and learn the latest on this subject from the experts.**

For more information, contact one of the following people:

For information on the technical program – Norris Johnson: 573-335-8878

For exhibits and tours – Tom Maddox: 636- 394-8161

For general program assistance - Tom Blackwood: 636-227-1534

For further information or to download a copy of the conference preliminary program and registration information, visit the Web site at: <http://www.awma.org/events/conf/descriptions/HWC2002/default.asp>

## SPECIAL THANKS TO OUR SPONSORS

The Greater St. Louis Section of the Air and Waste Management Association would like to thank the sponsors of our October 2001 through February 2002 meetings. The support provided by URS Corporation; Geotechnology, Inc; TL Maddox Companies; Advance Environmental Associates, LLC; and Penta Engineering is a clear example of their continued dedication and commitment to furthering the environmental profession.

For a sponsorship of \$250, your company's contribution will be recognized through:

- An acknowledgement of your sponsorship in the meeting notice sent to all section members (approximately 350 to 400 recipients);
- A sign provided by A&WMA that will display your logo at the meeting;
- Verbal acknowledgement from the chair during the meeting;
- An acknowledgement of your sponsorship in the newsletter issued after the meeting;
- An acknowledgement of your sponsorship on our web site during that month;
- An opportunity for you to display your business cards; and
- A tax deduction as a gift to a non-profit organization as defined in the IRS Code, Section 509(a)(2).

If your company is interested in becoming a sponsor, please contact any officer or board member for more information.

## 95TH ANNUAL CONFERENCE AND EXHIBITION

Let me invite you to Baltimore for the Air & Waste Management Association's 95th Annual Conference and Exhibition (June 23 – June 27, 2002). The theme of this year's program is "Cooperation for a Better Environment."

Here are just a few examples of some new and exciting things planned for Baltimore!

**TECHNICAL.** There will be several special plenary sessions on Environmental & Health Impacts of Emergencies and Energy & the Environment. This year's Critical Review topic is Visibility: Science and Regulation. Also, to ensure that you have access to the latest news and developments, there will be holding space for an as-yet-to-be-defined Hot Issues Plenary Session. The topics of this session will be defined and speakers for this session will be invited only as the conference approaches.

**EXHIBITS.** There will be some new additions to the exhibit area. The Government Pavilion will include not only EPA exhibits, but also other government agency (e.g., National Park Service and Department of Energy) exhibits. Some of the trade associations from Washington, DC will be invited to promote their industries' respective roles in protecting the environment. And, there will be some unique events in the exhibition area.

**FUN.** Baltimore is a fun place and some of that fun will come inside. The conference will open on Sunday night with the "Savor the Chesapeake" reception. On Wednesday, there will be the Honors & Awards luncheon. The conference will conclude (from a social standpoint) with a lighthearted reception, "Taking the Field for the Environment," which will focus on some of Baltimore's sports traditions. In between, there will be some exciting technical tours, a full guest program, and an innovative student program planned. Oh, and there's a ball game, which will be right across the street in beautiful Camden Yards, schedule permitting.

In short, Baltimore is delighted to be hosting A&WMA's 95th Annual Conference & Exhibition in Baltimore. This is a great city—with lots for the family to do and see (e.g., Inner Harbor, Fort McHenry, Port Discovery, and unbelievable restaurants!). With its centralized location, Baltimore is also a great jumping off point for a weekend in Washington, DC, Philadelphia, the Amish country, or the Shenandoah Valley. Come to A&WMA 2002 to meet with your colleagues, learn about the latest technical advances, see some informative exhibits, and have a good time!

*If you haven't attended the Annual Meeting for the last two years, you may be eligible for up to a 10% discount on meeting registration. You must register for the conference through the Greater St. Louis Section to be eligible for this discount. Please contact Tom Blackwood, [trblac@worldnet.att.net](mailto:trblac@worldnet.att.net), if you are interested.*

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## SUMMARY OF PREVIOUS MEETINGS

**October 2001:** The October 2001 A&WMA Greater St. Louis Section Local Meeting was an overview of the requirements for maintaining and repairing refrigerant-containing equipment under the Clean Air Act. Jennifer Markwardt with Sara Lee Bakery Group, Inc. provided an overview of the regulations and some insight into the consequences (settlements, lawsuits) of not ensuring that maintenance personnel understand the requirements and document compliance. The meeting was well attended and generated a lot of discussion.

**November 2001:** The November 2001 meeting was a joint meeting with the St. Louis RCGA. The speaker was Mr Greg Frankhauser with United Technologies Company. Greg discussed how fuel cells are used as an alternative energy source and the environmental benefits associated with this use. His talk was very informative and enjoyed by the attendees.

**December 2001:** The December 2001 meeting provided timely updates on regional air quality issues impacting the St. Louis metropolitan area. The attendees received the perspective from both Missouri and Illinois state regulatory agencies. The presenters, Rob Kaleel, Illinois EPA, and Karl Fett, Missouri DNR provided a great discussion and an enormous amount of information.

**January 2002:** In January 2002, a joint meeting was held with the Greater St. Louis Hazardous Materials Managers' group (GSHMM). John Lodderhose, Assistant Director of Environmental Compliance with the Metropolitan St. Louis Sewer District (MSD), provided an overview of the MSD permitting process. This meeting was very well attended and enjoyed by all.

**February 2002:** Dr. Pratim Biswas, the Jens Professor and Director of the Environmental Engineering Science Program at Washington University in St. Louis was the featured speaker for the February meeting of the Section. He presented a unique insight into combustion aerosol emissions and the PM 2.5 issue followed by a tour of the Environmental Engineering Laboratories. With the adoption of the PM 2.5 regulations, there is a renewed emphasis on examining the sources of PM emissions. Combustion sources are one of the major sources of fine particle emissions, and current research in understanding particle formation and growth dynamics in such systems was discussed. Dr. Biswas concluded by showing how this understanding of these processes could be used for better control of fine particle emissions.

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## LOCAL SECTION NEWS

Welcome to 2002. It is already March 2002 and the A&WMA Greater St. Louis Section has been working hard to present informative/educational programs at the monthly meetings. We hope you all have enjoyed the meetings and plan to attend the meetings this spring. We feel we have an exciting spring planned.

The Board of Directors met on January 11, 2002. The treasurer's report identified that the Section has a balance of approximately \$17,978.17 with no outstanding debts. The secretary reported that approximately one-third of the local members have paid dues for the 2001/2002 year. Please pay your dues promptly!

The Board of Directors approved the motion that beginning with this newsletter all A&WMA local section mailings will be done electronically. We are currently updating the database to ensure that we have everyone's current email address. If your email address has been changed, please let one of the board members know as soon as possible. Reducing the amount of mail we have to send out every month cuts Section costs considerably and is environmentally friendly. If you know of someone not receiving the emails, have them contact Susan Myers at (314) 768-6366 or [smyers@stlmsd.com](mailto:smyers@stlmsd.com) to update their email information.

The Section continues to need support from its local members. Several officer positions and board member positions are available for the 2002/2003 year. Please contact any board member for more information or to indicate your interest. Board member contact information can be accessed via the web site at [www.awma.saint-louis.mo.us](http://www.awma.saint-louis.mo.us) or on the front of this newsletter.

If you have a topic idea for a future meeting or know of a good location for a monthly meeting, contact Les Harmon, Monthly Meeting Coordinator, at (314) 233-9337.

- Susan Myers, Secretary

## SCIENCE FAIR JUDGES NEEDED

It's time again for our annual solicitation for Science Fair judges!

For those of you who are unaware, the Greater St. Louis Section of A&WMA is a special award sponsor for the annual Greater St. Louis Science Fair at Queeny Park and we need volunteer A&WMA members to help with the judging of the air- & waste-related exhibits.

The Elementary School judging occurs on Monday, April 8, 2002, after 5:15 p.m. and the Secondary School judging occurs on Friday, April 12, 2002, after 5:15 p.m. There is a free buffet dinner for judges from 4:30 p.m. to 6:00 p.m. each evening. The buffet provides sustenance but is definitely not of the gourmet variety.

The amount of time that it takes to complete the judging is inversely proportional to the quantity of judges that volunteer. Provided that we have 3-4 volunteer judges per evening, our task is normally complete by 8:30 p.m. Experience is not necessary; our grading system has evolved over the years and is easy to learn.

So, if you can spare 1 (or 2) evenings and would like to help your association in a worthwhile effort (or if you would just like more information), please contact Mike Zlatic at michael\_zlatic@stlouisco.com or 314/615-8910.

The e-mail & phone lines are open; we are waiting for your call!

Thanks,  
Mike

## SCHEDULE FOR THE REMAINDER OF THE YEAR

**March 19, 2002** – “Missouri Department of Natural Resources’ Emission Reduction Credits Banking Rule” with Kristi Dorge and Peter Goode from MDNR. The meeting will be held at Russo’s Spazio at Westport.

**April 2002** – The Meeting will consist of an incinerator tour in coordination with the Hazardous Waste Combustion Conference. The specific incinerator is not known at this time. Stay tuned, more information to come.

**May 21, 2002** – The topic will be “New Source Review” presented by Stephen Mahfood, MDNR. The location will be The St. Louis Zoo.

## Wanted: Technical Articles

Have you been working on an interesting environmental project or have some important research you would like to share with our local community? Would you like to demonstrate your area of expertise to other environmental professionals in the private sector or government? If so, consider writing an article for The Greater St. Louis Section’s next newsletter. There are three scheduled for each year and we encourage all members to publish their latest findings. If you are interested, please contact: Jennifer Markwardt at 314/ 259-7150, or jennifer.markwardt@slbg.com. We look forward to hearing from you.

## *HOMELAND DEFENSE – THE ENVIRONMENTAL CHALLENGE*

Since the events of September 11<sup>th</sup> and President Bush's subsequent appointment of a cabinet-level position, "homeland defense" has become part of the American vernacular. As a result, industry, utilities, communications, transportation entities – almost every facet of American society – have had to add another task to their agenda; "what can we do to reduce the impact of a terrorist attack on our operations?"

For the environmental, health, & safety (E,S, & H) managers, this requires the consideration of several areas of concern:

- Chemical sabotage;
- Biological sabotage;
- Radiological sabotage;
- Blast-mitigation; and
- Information technology (IT) sabotage.

Although many of these risks have potentially existed for some time, the threat has never been more real. Most facilities and operations meet existing regulatory requirements for emergency response planning and procedures, but few have gone beyond to address risks associated with deliberate sabotage. Previous designs and planning efforts for most facilities are no longer adequate to address the risks.

An effective "homeland defense" facility E,S, & H program will need to address planning, prevention, and response issues. Planning aspects may include; revised emergency response training, improved data collection and analysis tools, integrated IT systems and support, containment evaluation, vulnerability assessments, modeling assessments of toxic agents or radiation, and vibration analyses of structures to name a few. This stage is also an excellent opportunity to identify potential pollution prevention opportunities.

Although no facility could probably afford a comprehensive "head-to-toe" terrorist prevention effort, a comprehensive assessment of existing risks and likely threats is encouraged. Once the assessment is completed, the degree of risk that the facility is willing to tolerate should be established. The risks to be addressed can then be prioritized and corrective action, or identified improvements, implemented.

Once a prioritizing of the risks has been completed, preventive measures need to be implemented to address each of these risks. These preventive measures may include; containment re-design, reduction of hazardous or radioactive material use; improved IT systems protection, i.e. firewalls, etc., structural enhancements or re-design, physical and operational procedure improvements, and sampling and analysis programs to detect biological threats.

During the process of identifying potential risks and determining the appropriate preventive measures, some operations have been able to identify opportunities for cost reductions and process improvements. In some instances this has allowed companies to re-coup much of the investment of establishing a "homeland defense" E,H, & S program. In many cases, these savings, coupled with a reduced risk of damage and injury caused by terrorist actions will pay for a program like this many times over.

For additional information on a "Homeland Defense E,H, & S Program", contact:

Bob Presley  
Program Manager, Private Sector Services  
SAIC  
500 Northwest Plaza, Suite 1000  
St. Ann, MO 63074  
(314) 770-3005  
[Robert.e.presley@saic.com](mailto:Robert.e.presley@saic.com)

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## NEW BENEFITS FOR A&WMA MEMBERS!

A&WMA is proud to announce that members can subscribe to the online version of Elsevier Science's Atmospheric Environment for just \$100 per year. This special price is available to individual A&WMA members only and gives subscribers access to all 40 issues of Atmospheric Environment published online in calendar year 2002 (Vol. 36). As a bonus, A&WMA members who take advantage of this subscription offer for 2002 will also be given access to all Atmospheric Environment papers published in 2001. Visit the Web site (<http://www.awma.org/about/discountsubscriptions.htm>) for more information.

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## HELP WANTED!!!

Newsletter/Meeting Announcement Committee – The Newsletter Committee is desperately in need of a chair and members to direct the evolution of the meeting announcements and newsletter for the Section. Please contact Jennifer Markwardt (314-259-7150 or [jennifer.markwardt@slbg.com](mailto:jennifer.markwardt@slbg.com)) if you are interested.

Web Master – Since the Section is moving from paper-based communication to entirely web-based communication this spring, the need for a new web master has been magnified. If you have computer knowledge and would like to take on the tasks of building and maintaining the web site ([www.awma.saint-louis.mo.us](http://www.awma.saint-louis.mo.us)) or if you would like to direct the development of the web site through being on the committee, please contact Jennifer Markwardt (314-259-7150 or [jennifer.markwardt@slbg.com](mailto:jennifer.markwardt@slbg.com)).

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## GUEST MEETING RESERVATION POLICY

### Air & Waste Management Association Greater St. Louis Section Guest Meeting Reservation Policy

During the past year, we've had a number of interested guests (non-members) RSVP for our monthly meetings. A few of these people responded multiple times, but failed to show for the meetings. The section must pay for all RSVPs submitted to the restaurant regardless of the number of people who actually attend. Therefore, we have prepared the following guest meeting reservation policy to cover situations where an outside party indicates intent to attend the meeting, but fails to appear.

This policy will either be faxed or e-mailed to each guest who submits an RSVP for a monthly meeting.

If a non-member submits an RSVP for a monthly meeting, the following rule applies:

**If a cancellation of the RSVP is not received by noon the day prior to the meeting, when the guest RSVPs for another meeting, he/she will be asked to do one of the following:**

- a. Pay for the cost of the missed meeting immediately
- b. Pre-pay for the next meeting
- c. Join the Air & Waste Management Association as an International member

If all of the above options are refused, the guest will be barred from RSVPing for future meetings.

# PAPERLESS NOTICE!

The Greater St. Louis Section is going entirely paperless following the publication of this newsletter. All members should have provided their e-mail addresses to a member of the Board of Directors or have been on the mailing list. If you are not receiving electronic transmissions from us, please contact Susan Myers (smyers@stlmsd.com) or Jennifer Markwardt (jennifer.markwardt@slbg.com) AS SOON AS POSSIBLE so you won't miss a meeting announcement or newsletter. If you cannot receive e-mail at all, please contact us so we can make special arrangements for you. In the future, all meeting announcements and newsletters will be sent to the mailing list (register at [www.awma.saint-louis.mo.us/maillist.html](http://www.awma.saint-louis.mo.us/maillist.html)) and will be available on the web site ([www.awma.saint-louis.mo.us](http://www.awma.saint-louis.mo.us)).

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The logo for the National Association for Environmental Management (NAEM) is displayed in a grey rectangular box with a black border. The letters "NAEM" are in a bold, serif font.

A&WMA members will receive the National Association for Environmental Management (NAEM) member price of \$195 when attending the NAEM workshop, Crisis Management for Today's Manager, to be held March 21-22, 2002, in Washington, DC.

This one-and-a-half-day workshop examines such topics as characteristics and elements of a crisis, the case for effective crisis management as an extension of existing emergency response plans, and assessing your organization's state of crisis preparedness.

To receive the special member price, just verify your membership by writing your A&WMA member ID number on the registration form. For additional information and logistic details, visit [www.naem.org](http://www.naem.org).

# ENVIRONMENTAL RESOURCE GUIDES (ERG) TEACHER TRAINING WORKSHOP

By John R. Gibbons, URS Corporation  
Greater St. Louis A&WMA Education Chair

Each year the Greater St. Louis Section of the Air and Waste Management Association organizes a teacher-training workshop to train elementary and secondary education teachers on environmental basics and issues. Education is a primary mission of the A&WMA and since 1907 the organization has been providing opportunities for information exchange to its members. In more recent years, education efforts have been directed at providing environmental education opportunities beyond the membership.

The workshops use a resource called the Environmental Resource Guide (ERG), which was primarily developed by A&WMA. The ERG consists of a series of classroom experiments designed to provide teachers and students with basic information about the environment in two categories: air quality and non-point source pollution prevention. The lessons given in the ERG range from simple pencil and paper exercises to more elaborate laboratory experiments. Several issues are presented within the two categories as follows:

### *Air Quality*

- Global climate change
- Acid rain
- Auto exhaust emissions
- Depletion of the ozone layer
- And More.....

### *Non-Point Source Pollution Prevention*

- Agricultural runoff
- Erosion
- Pesticides
- Landfill leachate

*The teacher workshops include the following:*

- Provides teachers with a complete overview of the ERG;
- Demonstrates how to use it most effectively;
- Demonstrates at least one experiment in its entirety; and
- Provides teachers with an opportunity to ask ERG-related questions.

So now that you know more about the ERG Teacher Training Workshops, A&WMA is asking for your help. We are developing a team of A&WMA members to set-up the workshops and to assist in running them. The first workshop will be sometime this summer. We would like to have several workshops throughout the 2002/2003 school year.

Some of the activities that you might be involved in include:

- Being a workshop presenter
- Identifying the workshop participants (working with curriculum coordinators from participating school districts)
- Developing the budget for the workshop
- Developing the workshop agenda
- Assisting with administrative details during the workshop
- Following-up (thank you letters, workshop evaluations, etc.)

*This is a great opportunity to help the local A&WMA section. If you are interested, please contact John Gibbons at URS Corporation, 314-429-0100. We would like to have the workshop team identified by April 1.*

# HAS YOUR CONTACT INFORMATION CHANGED?

Whether you're moving horizontally, vertically, or across town, we'd like to stay in touch with you. We'd like to hear about changes in your professional life or if there's a new way of contacting you, so that we can keep you posted on activities, services, etc. that may be of interest to you.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

Contact: Susan Myers  
Email: [smyers@stlmsd.com](mailto:smyers@stlmsd.com)  
Phone Number: 314-768-6366  
Fax Number: 314-768-6279



**A&WMA Greater St. Louis Section**  
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St. Louis, MO 63108