



# Global Waste Management Symposium

September 7 – 10, 2008 • Copper Conference Center • Colorado, USA

**Pre-Registration  
and Hotel Deadline is  
August 11th**

Promoting  
Technology and  
Scientific Innovation  
in the Management of  
Solid Waste

[www.wastesymposium.com](http://www.wastesymposium.com)

Organized by:  Penton Media

Associated with: WASTE EXPO



**T**he **Global Waste Management Symposium (GWMS)** will serve as a forum for the presentation of both applied and fundamental research and case studies on waste management. The Symposium will include both oral and poster presentations as well as social events to provide opportunities for technical interaction and discussion. The **GWMS** will be held in a setting in which all participants can share ideas and solve problems. The core of this event will be the submission of conference papers that are peer-reviewed prior to distribution at the conference.

## Who Should Attend:

◆ Designers ◆ Facility Owners and Operators ◆ Policy Makers ◆ Researchers

*Symposium organizers and committees envision a broad coalition of government agencies, waste services companies, consultants, vendors/suppliers, researchers, leading trade organizations and scientific foundations as participants and beneficiaries of The Global Waste Management Symposium.*

## Keynote Speaker



**Monday, September 8 • 8:30 a.m.**

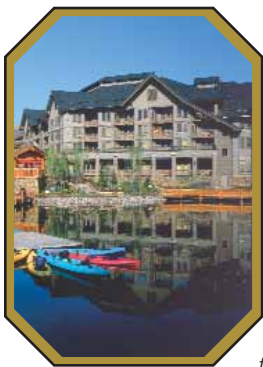
**Dr. Michael J. Walsh, Executive Vice President, The Chicago Climate Exchange**

**The Potential for National Carbon Emissions Trading to Reduce Greenhouse Gas Emissions**

*Michael J. Walsh, Ph.D., is an Executive Vice President of The Chicago Climate Exchange, Inc., a self-regulatory exchange that administers a voluntary, legally binding greenhouse gas reduction and trading program for North America. Dr. Walsh also serves on the Board of Directors of the Montreal Climate Exchange.*

*In his prior position with Environmental Financial Products (the predecessor company to CCX), Dr. Walsh arranged several international carbon credit transactions and served as liaison and lead writer for a series of technical papers on international emissions trading prepared for the Government of Canada. As a consultant to the U.S. Agency for International Development, Dr. Walsh provided instructional seminars on emissions trading for industry and government officials from several European countries. He has been a speaker at United Nations climate conferences in Geneva, Kyoto, Buenos Aires, Bonn and The Hague, and has been a keynote speaker at industry conferences and educational workshops around the world.*

## Hotel Information:



**Reservation deadline: August 11, 2008.**

**GWMS** hotel reservations are currently being accepted at Copper Mountain. Before you call to make your reservation, we urge you to review the lodging information posted on the travel page of The Global Waste Management Symposium website as different levels of accommodations are available at a variety of price points. Please review this information before making your reservation to ensure you book a room that matches both your preferences as

well as works within your budget. To make your hotel reservations for the Global Waste Management Symposium, please call:

866-837-2996 and refer to **Global Waste Management code 3G593P**.



## Golf Outing:



**Wednesday, September 10 at 1:00 p.m.**  
**Copper Creek Golf Club**

**Cost: \$75**

*includes green fees and awards reception*

**Sponsored by:**



*Organize a foursome or make new friends at the Copper Creek Golf Club!*

*Spectacular views and a challenging course will make this tournament one to remember. A mix of links and mountain style holes designed by the venerable Pete and Perry Dye, Copper Creek accommodates the novice golfer from the forward tees, while still providing a great test for the accomplished golfer. Spellbinding views of the 10 Mile Range provide the perfect backdrop for any golf outing and Copper Creek's outstanding service is sure to impress.*

# Event Schedule and Oral Presentations

Sunday,  
September 7, 2008

## Registration Opens

In the afternoon

## Welcome Reception

5:00 p.m. - 8:00 p.m. (17:00 to 20:00)

Monday,  
September 8, 2008

## Registration Opens

7:00 a.m.

## Continental Breakfast & Networking with Sponsors

7:30 a.m. to 8:30 a.m.

## Session One

8:30 a.m. to 10:00 a.m.

## Welcome

**Mort Barlaz,**

North Carolina State University

**Craig Benson,**

University of Wisconsin

**Greg Cekander,**

Waste Management, Inc.

**Rita Ugianskis-Fishman,**

Penton Media, Inc.

## Keynote

**Michael Walsh,**

Chicago Climate Exchange

## Coffee Break & Networking with Sponsors

10:00 a.m. to 10:30 a.m.

## Session Two

10:30 a.m. to 12:00 p.m.

**Track A:** Ash Leaching, Management and Beneficial Uses of Waste

**Track B:** Aerobic and Anaerobic Biological Treatment

**Track C:** Bioreactor Performance

## Lunch and Networking with Sponsors

12:00 p.m. to 1:00 p.m. (12:00 to 13:00)

## Poster Viewing

*Dessert and Coffee Service*

1:00 p.m. to 2:30 p.m. (13:00 to 14:30)

## Session Three

2:30 p.m. to 3:30 p.m. (14:30 to 15:30)

**Track A:** Producer Responsibility, Waste Diversion, or Zero Waste?

**Track B:** Landfill Liners and Covers

**Track C:** Measurement of Landfill Gas Emissions

## Coffee Break & Networking with Sponsors

3:30 p.m. to 4:00 p.m. (15:30 to 16:00)

## Session Four

4:00 p.m. to 5:00 p.m. (16:00 to 17:00)

**Track A:** Solid Waste Management Planning and Policy

**Track B:** Physical and Biological Processes in Landfills

**Track C:** Measurement of Landfill Gas Emissions

## Cocktail Reception

5:00 p.m. to 7:00 p.m. (17:00 to 19:00)

Tuesday,  
September 9, 2008

## Registration Opens

7:00 a.m.

## Continental Breakfast & Networking with Sponsors

7:30 a.m. to 8:30 a.m.

## Session Five

8:30 a.m. to 10:00 a.m.

**Track A:** Design, Installation and Monitoring of Engineered Berms at Landfills

**Track B:** Aerobic and Anaerobic Biological Treatment

**Track C:** Carbon Finance - A Special Session Presented by the World Bank

## Coffee Break & Networking with Sponsors

10:00 a.m. to 10:30 a.m.

## Session Six

10:30 a.m. to 12:00 p.m.

**Track A:** Design, Installation and Monitoring of Engineered Berms at Landfills

**Track B:** Models of Landfill Processes

**Track C:** Leachate Treatment

## Lunch & Networking with Sponsors

12:00 p.m. to 1:00 p.m. (12:00 to 13:00)

## Poster Viewing

*Dessert and Coffee Service*

1:00 p.m. to 2:30 p.m. (13:00 to 14:30)

## Session Seven

2:30 p.m. to 3:30 p.m. (14:30 to 15:30)

**Track A:** Sustainable Waste Management and Climate Change

**Track B:** Landfill Monitoring and Assessment

**Track C:** Attenuation of Landfill Gas in Cover Systems

## Coffee Break & Networking with Sponsors

3:30 p.m. to 4:00 p.m. (15:30 to 16:00)

## Session Eight

4:00 p.m. to 5:00 p.m. (16:00 to 17:00)

**Track A:** Sustainable Waste Management and Climate Change

**Track B:** Solid Waste Management

**Track C:** Attenuation of Landfill Gas in Cover Systems

## Cocktail Reception

5:00 p.m. to 7:00 p.m. (17:00 to 19:00)

# Event Schedule and Oral Presentations

Wednesday,  
September 10, 2008

## Registration Opens

7:00 a.m.

## Continental Breakfast & Networking with Sponsors

7:15 a.m. to 8:15 a.m.

## Session Nine

8:15 a.m. to 9:45 a.m.

**Track A:** Landfill Gas Production, Utilization, and Emissions

**Track B:** Landfill Liners and Covers

**Track C:** Bioreactor Landfills and Moisture Management

## Coffee Break & Networking with Sponsors

9:45 a.m. to 10:00 a.m.

## Session Ten

10:00 a.m. to 11:30 a.m.

**Track A:** Landfill Gas Collection, Monitoring, and Management

**Track B:** Chemical and Biological Processes in Landfills

**Track C:** Landfill Liners and Covers

## Awards & Symposium Closing

*Coffee/Soda & Snack Service*

11:40 a.m. to 12:00 p.m.

## Golf Outing

1:00 pm (13:00)

**Copper Creek Golf Club**

Sponsored by:



For additional information on  
the Oral Presentations and for a

list of Poster Presentations,  
visit

[www.wastesymposium.com](http://www.wastesymposium.com)

*GWMS would like to thank the Business and Technical Committees for all of their help in organizing this event.*

### CONFERENCE CO-CHAIRS:

**Morton Barlaz**, North Carolina State University

**Craig Benson**, University of Wisconsin

### CONFERENCE BUSINESS CHAIR:

**Greg Cekander**,

*VP Environmental Management, Waste Management, Inc.*

### TECHNICAL COMMITTEE

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**Rainer Stegmann**, Technical University of Hamburg

**Nickolas Themelis**, Columbia University

**Susan Thorneloe**, US EPA

**Thabet Tolaymat**, US EPA

**Hans Van der Sloot**, Netherlands Energy Research Foundation (ECN)

**NC Vasuki**, Delaware Solid Waste Authority (Emeritus)

**W. Gregory Vogt**, International Solid Waste Association

**Patrick Woodhull**, Shaw Environmental, Inc.

**Nazli Yesiller**

**Sam Yuen**, University of Melbourne

*Thank you to Alice Jacobsohn, National Solid Wastes Management Association for lending her support to the Technical Committee.*

### GWMS BUSINESS COMMITTEE

**Michael Cagney**

*Environmental Research and Education Foundation*

**Greg Cekander**

*Waste Management, Inc.*

**Robert Gardner, PE, BCEE**

*SCS Engineers*

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**W. Gregory Vogt**

*International Solid Waste Association*



# Global Waste Management Symposium

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# Waste Age

### Interested in becoming a sponsor?

If your company starts with A-Eo contact Debra Busby (203) 358-4153

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## REGISTRATION INFORMATION

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Title \_\_\_\_\_

Company/Organization/Agency \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

State/Province \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_ Website \_\_\_\_\_

(By providing your fax # and/or email address, you grant Penton Business Media permission to contact you via email and/or fax regarding your registration as well as to receive updates on The Global Waste Management Symposium and WasteExpo and/or updates and promotional materials from The Global Waste Management Symposium sponsors and WasteExpo exhibitors and associated Penton publications.)

- Please check here if you need special accommodations that meet the regulations of the Americans with Disabilities Act, please indicate specific requirements.  
ADA requirements: \_\_\_\_\_

## CONFERENCE FEES

Conference Package Includes: All Global Waste Management Symposium oral presentations, networking events, access to the table top exhibits, and poster sessions.

- |  |                           |                          |
|--|---------------------------|--------------------------|
| <input type="checkbox"/> Conference Package (September 7-10) | Before 8/11/2008<br>\$600 | After 8/11/2008<br>\$675 |
|--|---------------------------|--------------------------|

## GOLF OUTING WEDNESDAY, SEPTEMBER 10

The Golf Outing will be held at 1pm at the Copper Creek Golf Club

Sponsored by: Agru America, Inc. and Environmental Specialties International, Inc.

Golfer: \_\_\_\_\_ Co: \_\_\_\_\_ Handicap: \_\_\_\_\_

Golfer: \_\_\_\_\_ Co: \_\_\_\_\_ Handicap: \_\_\_\_\_

Golfer: \_\_\_\_\_ Co: \_\_\_\_\_ Handicap: \_\_\_\_\_

Golfer: \_\_\_\_\_ Co: \_\_\_\_\_ Handicap: \_\_\_\_\_

Number of Golfers: \_\_\_\_\_ x \$75 = \_\_\_\_\_

- Please make these individuals a foursome if possible (if not selected players may be split).

In order to hold a golf tournament, we need a minimum of 50 players. For planning purposes please submit your golf registrations as soon as possible. If you have any questions, please contact Catherine Campfield at 203-358-4128 or catherine.campfield@penton.com.

## TOTAL FEES

Total Amount Due (conference fees + golf fees) ..... \$ \_\_\_\_\_

## PAYMENT INFORMATION

Registrations will not be processed without full or valid payment.

- Check Enclosed: Made payable to: The Global Waste Management Symposium
- Credit Card:  AMEX  MasterCard  VISA

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name on card \_\_\_\_\_

Cardholder signature \_\_\_\_\_

Date \_\_\_\_\_

## 3 WAYS TO REGISTER

1. Visit [www.wastesymposium.com](http://www.wastesymposium.com)
2. Mail form and payment to:  
The Global Waste Management Symposium  
PO Box 4232  
11 River Bend Drive South  
Stamford, CT 06907-0232
3. Fax form to:  
913-514-7466 (credit card payment only)

## ADDITIONAL NOTES

### Pre-Registration Deadline:

The Pre-Registration Deadline is **8/11/2008**.

Confirmations will be sent for registrations received by 8/11/2008. Your confirmation serves as a guarantee for your registration. Please bring your confirmation to The Global Waste Management Symposium. If you have questions about the conference or registration, please call 203-358-3706. All badges can be picked up onsite.

### Travel Information:

The deadline to make hotel reservations is **8/11/2008**. Please visit the travel page on [wastesymposium.com](http://wastesymposium.com) for complete information.

### Cancellation Policy:

All cancellations must be received in writing by **8/11/2008** via email: [registration@penton.com](mailto:registration@penton.com) or fax: 913-514-7466. You will receive a refund less a \$50 cancellation fee. Substitutions are welcome in lieu of cancellation. Refunds will not be issued for no-show attendees. After **8/11/2008**, no refunds will be issued. All refund requests will be processed after The Global Waste Management Symposium.

### Schedule of Events:

Please visit [www.wastesymposium.com](http://www.wastesymposium.com) for a complete schedule of events and updated information regarding The Global Waste Management Symposium.

## CUSTOMER CODE

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