

### How to Register:

Visit [www.cleanair.hamilton.ca/conf/2004](http://www.cleanair.hamilton.ca/conf/2004) to download and print the "Registration Form". Mail or fax to the address or number below. Please make cheque or money order payable to "City of Hamilton" and send to the attention of Brent Bullough. For credit card payments, please remember to provide your signature.

Clean Air Hamilton  
c/o City of Hamilton  
71 Main Street West  
Hamilton, ON L8P 4Y5  
CANADA

Fax: (905) 643-7250

### Sponsors:



Environment  
Canada

Environnement  
Canada

Canada

HAMN  
HAMILTON AIR MONITORING NETWORK

ROTEK  
Environmental

Ontario

DOFASCO



Stephen A. Jarislowsky Chair in  
Environment and Health  
McMaster University



### Contributors:



MCKibbon Wakefield Inc.



### Hosts:



# 2004 UPWIND DOWNWIND:

## A Practical Conference on Improving Air Quality

March 29 and 30, 2004  
Hamilton Convention Centre  
Hamilton, Ontario

Human Health  
Urban Sprawl  
Smart Growth  
Community Action  
Airshed Management  
Industrial Performance  
Multi-stakeholder Participation

City of Hamilton, 71 Main Street West  
Hamilton, Ontario L8P 4Y5  
Phone: (905) 546-2424 ext. 1275  
Fax: (905) 643-7250  
E-mail: [cleanair@hamilton.ca](mailto:cleanair@hamilton.ca)



[www.cleanair.hamilton.ca](http://www.cleanair.hamilton.ca)

The **2004 Upwind Downwind Air Quality Conference** is the third biennial conference focusing on practical solutions to the air quality problems facing urban and rural regions.

The primary motivation for this 2-day conference is to provide a forum for understanding the air quality issues and human health impacts related to urban sprawl, and the air quality improvements that should come from smart growth initiatives and successful airshed management. A second motivation is to highlight the roles that industry, community groups and government can play in achieving air quality improvements.

#### Conference Format

**Day 1:** Background information and key lessons learned related to urban sprawl and the human health impacts resulting from urban sprawl will be discussed; other presentations will focus on smart growth initiatives, new urban design approaches and planning legislation in the context of making improvements to urban and rural air quality.

**Day 2:** Airshed management, risk-based approaches, new air quality indices and a variety of success stories will be discussed; the latter will feature industrial, government and community-based initiatives that have led to local air quality improvements that benefit all citizens.

#### Who should attend?

This conference is intended to provide meaningful information on current air quality issues and an opportunity for open discussion between **planners, policy makers, environmental managers, citizens, non-government organizations, academics, urban designers and politicians**. We have put together a stimulating program and a slate of speakers that we are sure will provide you with important information and the opportunity to interact in a small conference, multi-stakeholder environment.

## Reid Ewing

Reid Ewing is Associate and Research Professor at the National Center for Smart Growth, University of Maryland. Ewing has written books for the major planning and development organizations: *Developing Successful New Communities* for the Urban Land Institute; *Best Development Practices and Transportation and Land Use Innovations* for the American Planning Association; and *Traffic Calming State-of-the-Practice* for the Institute of Transportation Engineers. The two books for the American Planning Association made him APA's top selling author for many years.

His recent study of sprawl and obesity may have received more national media coverage than any planning study ever, generating 58 pieces in the top 50 U.S. daily newspapers; reports on NPR, ABC and CBS Radio News; and TV stories aired on 233 stations reaching an audience of 21 million viewers.

Ewing holds master degrees in Engineering and City Planning from Harvard University and a Ph.D. in Transportation Systems and Urban Planning from the Massachusetts Institute of Technology. Formerly, he was the Director of the Voorhees Transportation Center at Rutgers University, and earlier in his career, he served two terms in the Arizona legislature and worked on urban policy issues at the Congressional Budget Office.

## URBAN FORM, HEALTH AND AIR QUALITY MARCH 29, 2004

### REGISTRATION AND WELCOME

- 8:00 am Registration and Continental Breakfast
- 9:00 am Welcoming Remarks
- 9:05 am Dominic Agostino, MPP Hamilton East, Parliamentary Assistant to the Minister of the Environment
- 9:15 am Mayor Larry Dilanni, City of Hamilton, ON
- 9:25 am Announcements

### SPACIOUS CITIES STUFFY AIR

- 9:30 am **The Essence of Smart Growth: Coordinated Land Use and Transportation**  
Reid Ewing, National Center for Smart Growth Research and Education, University of Maryland, College Park, MD
- 10:20 am Break
- 10:40 am **Urban Sprawl: Why We Have It and What We Can Do About It?**  
David Gurin, Ryerson University, Toronto, ON
- 11:05 am **Smart Growth: Can We Overcome the Obstacles?**  
Pierre Fillon, University of Waterloo, Waterloo, ON
- 11:45 am Panel Discussion
- Noon Lunch/Exhibits/Network

### WINDS OF CHANGE

- 1:00 pm **Traffic Pollution and Health: International and Hamilton Experiences**  
Murray Finkelstein, Environmental Medicine and Occupational Health, McMaster University, Hamilton, ON
- 1:30 pm **Urban Sprawl, Physical Activity, and Obesity**  
Reid Ewing, National Center for Smart Growth Research and Education, University of Maryland, College Park, MD
- 2:00 pm **Planning Legislation and Healthy Air: A Response**  
Paula Boutis, Willms & Shier Environmental Lawyers, Toronto, ON
- 2:30 pm Break
- 3:00 pm **One City's Response to Air Quality and Health**  
Paul Mason, Long Range Planning and Design, City of Hamilton, Hamilton, ON
- 3:20 pm **Designing Cities for Healthy Air**  
Cyndi Rottenberg-Walker, Urban Strategies, Toronto, ON
- 3:50 pm Panel Discussion
- 4:05 pm **Synthesis of Day One**  
Reid Ewing, National Center for Smart Growth Research and Education, University of Maryland, College Park, MD
- 4:25 pm **Thank You to Sponsors**  
Brian McCarry, Clean Air Hamilton and McMaster University
- 4:30 pm Reception

## AIRSHED MANAGEMENT AND COMMUNITY PARTICIPATION MARCH 30, 2004

### SUCCESSFUL IDEAS

- 9:00 am **Airshed Management Solutions**  
Robert Scotten, West Central Airshed Society, Drayton Valley, AB
- 9:30 am **Implementing Ontario's Air Standards - The Risk Management Framework for Air Pilot Project**  
Cathy Grant, Ontario Ministry of the Environment, Toronto, ON
- 10:00 am **New Concepts In Air Quality Indices - Linkages To Health Effects**  
Philip Blagden, Environment Canada, Gatineau, QC
- 10:20 am Break
- 10:40 am **Success in Steel: An Integrated Voluntary Approach to Environmental Performance Improvement**  
Brent Steele, Dofasco Inc., Hamilton, ON
- 11:00 am **Success Story: Stelco Inc.'s Major Improvement in Reduced Sulphur Emissions at the Nanticoke Integrated Mill**  
Geoff Saldanha, Stelco Inc., Hamilton, ON
- 11:20 am **Community Advisory Panel: A Citizen's View on Air Quality Improvement - Hamilton Industrial Environmental Association**  
Ann Buckle, Resident, Hamilton, ON
- 11:30 am **Community Advisory Panel: An Industry's View on Air Quality Improvement - Hamilton Industrial Environmental Association**  
Bill Gair, Dofasco Inc., Hamilton, ON
- 11:40 am Panel Discussion
- Noon Lunch/Exhibits/Network

### BREATHING LIFE INTO THE COMMUNITY

- 1:00 pm **The Community Takes Charge: The Story and Success of Clean Air Hamilton**  
Brian McCarry, Clean Air Hamilton and McMaster University
- 1:20 pm **Arboreal Lichens: Indicators of Air Quality**  
Brian Craig, Ecological Monitoring and Assessment Network, Environment Canada, Burlington, ON  
Dan McCarthy, Brock University, St. Catharines, ON
- 1:50 pm **Trans-boundary High School Air Quality Education Program**  
Irene Hinkle, Cascadia AirNET, Bellingham, WA
- 2:20 pm Break
- 2:35 pm **Building Multi-stakeholder Relationships to Inform and Engage Individuals on Clean Air Initiatives**  
Claude Lefrançois, Environment Canada, Gatineau, QC  
Eva Ligeti, Clean Air Partnership, City of Toronto, Toronto, ON
- 3:05 pm **Stack Watch: Engaging Citizen Volunteers in Visible Emissions Monitoring Downwind of Hamilton's Industrial Core**  
Lynda Lukasik, Environment Hamilton, Hamilton, ON
- 3:35 pm Panel Discussion
- 4:00 pm Conference Wrap-up

Program is subject to change. Please visit [www.cleanair.hamilton.ca/conf/2004](http://www.cleanair.hamilton.ca/conf/2004) for the latest program and accommodation information and to download registration form.

## Upwind Downwind: A Practical Conference on Improving Air Quality March 29 and 30, 2004 Hamilton Convention Centre, Hamilton, Ontario

For Conference information: **Phone:** (905) 546-2424 x.1275 **Fax:** (905) 643-7250  
**Email:** [bbulloug@hamilton.ca](mailto:bbulloug@hamilton.ca) **Website:** [www.cleanair.hamilton.ca](http://www.cleanair.hamilton.ca)

Please fill out all sections of this form, or a photocopy of this form, for each registrant that will be participating at the conference. Mail / Fax registration form(s) along with your payment to The City of Hamilton, 71 Main Street West, Hamilton, ON, L8P 4Y5. For additional registration forms visit the Clean Air Hamilton website at [www.cleanair.hamilton.ca](http://www.cleanair.hamilton.ca)

**Please Print**

Mr.  Mrs.  Ms.  Dr.  Other (specify) \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Title:** \_\_\_\_\_  
**Organization:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**City:** \_\_\_\_\_  
**Postal / ZIP Code:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_  
**Email:** \_\_\_\_\_  
**Web site (if applicable):** \_\_\_\_\_

**Please check one box below:**

- Academic
- Community Group
- Corporate
- Exhibitor
- Government
- Non-profit
- Other (please specify) \_\_\_\_\_

Check here if you do NOT want your name included as a participant in the resource kit that will be handed out at the conference

**REGISTRATION FEES**

Payment to be made by Cheque, Visa, MasterCard, or Cash, in CDN dollars to "City of Hamilton" GST Registration #889323218RT0001. All registration fees include 7% GST.

**Payment received by March 12, 2004 (check one):**

- Corporate, Academic, Government \$240.75 (\$225.00 + GST)
- Students, Community Groups, Non-profit Organizations \$80.25 (\$75.00 + GST)

**Payment received after March 12, 2004 (check one):**

- Corporate, Academic, Government \$294.25 (\$275.00 + GST)
- Students, Community Groups, Non-profit Organizations \$80.25 (\$75.00 + GST)

**PAYMENT:**

- Cheque / Money Order made payable to "City of Hamilton" sent to the attention of **Brent Bullough**. Please note name and organization of registrant(s) on the back of the cheque.
- Cash (please do not send cash in the mail).
- Visa/MasterCard: please **fax or mail** the following information:

Name (as shown on card): \_\_\_\_\_

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

Telephone Number: \_\_\_\_\_

Please state whether your card is:  Visa  MasterCard

Card Number: \_\_\_\_\_

Expiry Date: \_\_\_\_\_

Signature (required): \_\_\_\_\_

Registrations will be processed on a first come, first serve basis. Receipts will be issued at the conference.

**REFUND POLICY**

Substitute delegates will be allowed. Refunds will be given for written notice received on or before March 22, 2004, subject to a \$50 administration fee. No refunds will be issued after March 22, 2004.

**MEALS**

Breakfast, lunch and break refreshments are included in the conference registration fee.

**SPECIAL DIETARY NEEDS**

If you have any special dietary requirements, please indicate your request: \_\_\_\_\_

**BOOTH REGISTRATION**

A total of 15 booths will be available on a first come, first serve basis. Booth registration will be accepted at a cost of \$100 (\$150 with electrical hook-up) plus 7% GST. Display options for Community Groups and Non-profit organizations will be at no charge. For booth registration information visit our website at [www.cleanair.hamilton.ca](http://www.cleanair.hamilton.ca) or phone (905) 546-2424 ext. 1275.

**HOTEL INFORMATION**

The Sheraton is located directly across from the Hamilton Convention Centre. A block of rooms has been reserved for conference attendees at a single/double occupancy rate of \$119CDN, plus applicable taxes. To ensure availability and rate make your reservations by March 5, 2004 by calling 1-800-514-7101 or email [sheratonhamilton@sheraton.com](mailto:sheratonhamilton@sheraton.com). Please mention Upwind Downwind for special rates.

**TRAVEL AND TOURISM**

For more information on travel and tourism call 1-800-263-8590 or visit [www.hamiltonundiscovered.com](http://www.hamiltonundiscovered.com)

