

CALL FOR PAPERS

First International Conference on
Environmental Exposure and Health

EEH 2005

**5 - 7 October 2005
Atlanta, USA**



**ORGANISED BY:
Georgia Tech, USA & Wessex Institute of Technology, UK**

SPONSORED BY: WIT Transactions on Ecology and the Environment



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INTRODUCTION

Current environmental management policies aim to achieve a harmonious balance between the development of economic resources and the preservation of the environment. The objective is to reach sustainability while improving the health, safety and prosperity of the population. This approach involves taking acceptable risks in terms of the environment, human health and the economy. It is by definition an interdisciplinary activity that requires close cooperation between different sciences.

This conference aims to provide the right environment for communication among scientists to achieve a better understanding of the problem, define common ground and find a common language. The ultimate goal is to find ways of reaching a sustainable world population.

This "Environmental Exposure and Health" conference will bring health specialists and social and physical scientists together with engineers in order to evaluate current issues in exposure and epidemiology and chart future directions and needs in the field.

The conference will seek contributed papers dealing with original research, development of new methods and applications; site specific case studies; issues of multipathway analysis; advanced methods and computational tools; exposure monitoring; health risk analysis and other related subjects

CALL FOR PAPERS

Papers are invited on the topics outlined on the Enquiry Form and others falling within the scope of the meeting. Abstracts of no more than 300 words should be submitted **as soon as possible**. We strongly encourage the submission of abstracts electronically.

Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper, which if accepted for publication, must be presented at the conference. To be fair to all participants, each registered delegate will only be able to submit one paper. *The language of the conference will be English.*

CONFERENCE CHAIRMEN

M M Aral, *Georgia Institute of Technology, USA*

C Brebbia, *Wessex Institute of Technology, UK*

M L Maslia, *ATSDR/CDC, USA*

T Sinks, *NCEH, USA*

Please pass these details on to other interested colleagues

INTERNATIONAL SCIENTIFIC ADVISORY COMMITTEE

F-D Barriga, *Facultad de Medicina, Mexico*

F Bove, *ATSDR/CDC, USA*

L Catalan, *Lakehead University, USA*

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J A Lybarger, *ATSDR/CDC, USA*

A Mavropoulos, *EPEM, Greece*

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S Pavlostathis, *Georgia. Institute of Technology, USA*

P Prasad, *Medical College of Georgia, USA*

R Pusch, *Geodevelopment, Sweden*

J J Reyes, *ATSDR/CDC, USA*

L Rossman, *U.S Environmental Protection Agency, USA*

B Ryan, *Rollins School of Public Health, USA*

A S Susten, *ATSDR/CDC, USA*

P Tolbert, *Rollins School of Public Health, USA*

J Vandenberg, *National Center for Environmental Assessment, USA*

PUBLICATION OF PAPERS

The papers presented at **EEH 2005** will be published in volume **74** of **WIT Transactions on Ecology and the Environment (ISSN 1743-3541)**. In addition to being available to delegates at the time of registration, the hardcover volume will be publicised directly to researchers and institutional libraries and distributed widely through the international book trade.

All papers will also be archived online in the **Transactions of the Wessex Institute** eLibrary. This collection provides the international scientific community with immediate and permanent access to individual papers. For more details visit the WIT eLibrary at www.witpress.com.

Coverage of WIT proceedings appears regularly in notable publications and databases, including Applied Mechanics Reviews (AMR), Cambridge Scientific Abstracts, Ei Compendex, INSPEC, ISI's Index to Proceedings, Mathematical Reviews, Scitech Book News, Zentralblatt für Mathematik as well as the Directory of Published Proceedings.



ENQUIRY FORM

EEH 2005

5 - 7 October 2005, Atlanta, USA



CONFERENCE TOPICS

Methodological Topics

- Methods of linking epidemiology, exposure and health risk
- Multipathway exposure analysis and epidemiology
- Computational tools, software development and applications
- Health risk analysis
- Exposure modelling
- Exposure-dose reconstruction
- Statistical and numerical methods
- Uncertainty analysis in exposure evaluation

Site Related Topics

- Modern urban exposure
- Work place and industrial exposure
- Indoor exposure
- Soil dust and particulate exposure
- Rural areas exposure
- Water distribution systems, exposure and epidemiology
- Air pollution exposure and epidemiology
- Microbial exposure in coastal waters
- Non-point contaminant source exposure and epidemiology

Data collection topics

- Exposure monitoring
- Use of remote sensing and GIS
- Data mining and applications in epidemiology

Special topics

- Exposure specific to the developing world
- Epidemiology of mixed chemical and microbial exposure
- Exposure and epidemiology for children populations
- Ocean investigations
- Exposure and epidemiology methods and applications in natural disaster areas
- Effects of rapid transportation in epidemiology
- Interaction of social and environmental issues and health risk
- Exposure and risk analysis for environmental security
- Communicating exposure and health risk analysis results and concepts to stakeholders in environmental health community

Please indicate your intention below:

- I intend to submit a paper and present it.
- I intend to participate in the conference, but will not be submitting a paper.
- I am interested in renting mini-exhibition space.

ABSTRACT SUBMISSION

Email Submission

Email: adarcy-burt@wessex.ac.uk

Please submit your abstract with EEH 2005 in the subject line. Include your name, full address and conference topics.

Web Submission

www.wessex.ac.uk/conferences/2005/eeh05

Fax Submission

Fax: 44 (0) 238 029 2853

Fax one copy of your abstract with this completed Enquiry Form.

Mail Submission

Mail: Amy D'Arcy-Burt, Conference Secretariat, EEH 2005, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK. Please mail a copy of your abstract with this completed Enquiry Form.

Telephone: 44 (0) 238 029 3223

Wherever possible information about this conference will be sent to you by email.

Title (Prof/Dr/Mr/Mrs/Ms)

Initials Surname

Organisation

Address

.....

.....

Postcode/Zip

Country

Telephone

Fax

E-Mail

I suggest this announcement should also be sent to:

Title: Initials Surname

E-Mail

By completing this form, we understand that you are agreeable to receiving further information on this event and other activities which we believe will interest you. We will not disclose this information to third parties.

BENEFITS TO YOU

- Keep up-to-date on the latest advances in the field.
- Present your research within a unique forum.
- Collaborate with experts from around the world.
- Your conference paper will be reviewed by members of the International Scientific Committee and other colleagues, and once selected, will be rapidly published in book form by WIT Press.
- Your paper will also be permanently archived in the Transactions of the Wessex Institute on our eLibrary site, where it will be available to the international scientific community.

LOCATION



Atlanta is the capital of the state of Georgia in North America. It is situated in the northern half of the state in an area known as the Piedmont. This is a region of undulating hills wedged between the rugged mountains and the flat coastal plain. It was because of this unique geographical position that Atlanta got its start as a transportation nucleus of the south, when it was selected by the Western & Atlantic Railroad to be the site of the southern end of its tracks in 1837. Recognised as the economic and cultural centre of the southern United States, Atlanta offers traditional charm with a modern flair. Attractions include the Atlanta Cyclorama, CNN Studio Tours, the Martin Luther King Jr Historic District and Six Flags Over Georgia. Metropolitan Atlanta has something for almost every visitor.

CONFERENCE VENUE

The conference is to be held at the Atlanta Marriott Century Center Hotel in Atlanta, Georgia, USA. This hotel offers a variety of guest rooms and meeting rooms in a convenient and quiet location 20 minutes north of downtown Atlanta, 5 minutes from the famous Buckhead area, 3 miles from Peachtree Dekalb Airport and near Hartsfield Atlanta International Airport. Facilities and services include a variety of restaurants and bars, room service and full work desk. The Atlanta Marriot also offers a full range of sporting and recreation activities and is close to a variety of attractions such as the Atlanta Botanical gardens, Zoo Atlanta and the World of Coca Cola. Further details regarding accommodation booking will be made available closer to the time of the conference.

ABSTRACT/PAPER SUBMISSION

Abstract (300 words):

Submit to Conference Secretariat as indicated on the Enquiry Form

Camera Ready Final Paper:

Submission date to be advised upon acceptance of your abstract

WESSEX INSTITUTE OF TECHNOLOGY



Wessex Institute of Technology acts as an international centre for knowledge transfer. It has developed a large network of prestigious contacts and links with many organisations throughout the world. Core activities include the organisation of over thirty international conferences annually and the publishing of numerous scientific books by WIT Press. The Institute also provides a programme of research at Master and PhD degree level as well as a schedule of short courses and seminars on Campus and abroad at partner institutions. Wessex Institute works closely with industry in providing computational solutions.

**Look for further information at
www.wessex.ac.uk.**

CONFERENCE SECRETARIAT

**Amy D'Arcy-Burt
Conference Secretariat
EEH 2005**

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Southampton SO40 7AA, UK.

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EXHIBITION FACILITIES

There will be mini-exhibition space available for organisations wishing to exhibit hardware, software, products, services and literature relating to the theme of the conference. Further details are available from the Conference Secretariat.