

**CALL FOR PAPERS**

6th International Conference on the Impact  
of Environmental Factors on Health

# Environmental Health Risk

**2011** 25 – 27 July 2011  
Riga, Latvia

ORGANISED BY:

Wessex Institute of Technology, UK

SPONSORED BY:

WIT Transactions on Biomedicine and Health



**WESSEX INSTITUTE OF TECHNOLOGY**

*Advancing International Knowledge Transfer*

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## INTRODUCTION

Environmental Health Risk 2011 is the sixth international conference in this successful series which started at the University of Cardiff, UK, in 2001 followed by the second at the University of Catania in 2003, the third in Bologna in 2005, Malta in 2007 and the Wessex Institute of Technology, New Forest Campus, in 2009.

Health problems related to the environment have become a major source of concern all over the world. The health of the population depends upon good quality environmental factors including air, water, soil, food and many others.

The aim of society is to establish measures that can eliminate or considerably reduce hazardous factors from the human environment to minimize the associated health risks. The ability to achieve these objectives is in great part dependent on the development of suitable experimental, modelling and interpretive techniques, which allow a balanced assessment of the risk involved as well as suggesting ways in which the situation can be improved.

The interaction between environmental risk and health is often complex and can involve a variety of social, occupational and lifestyle factors. This emphasises the importance of considering an interdisciplinary approach.

The conference aims to provide a forum for the dissemination and exchange of information on the diverse aspects of the impact of environmental factors on health across different disciplines.

The papers presented at these meetings are permanently archived in the eLibrary of the Wessex Institute (<http://library.witpress.com>) where they are easily and permanently accessible to the international scientific community.

## BENEFITS OF ATTENDING

- Conference papers are peer-reviewed by members of the International Scientific Advisory Committee and other colleagues. Papers are rapidly processed for publication in **hard-cover** and **digital book** form. The books are available to delegates at registration and are also widely distributed throughout the world by WITPress.
- Papers are also available in **digital format** to the international scientific community through the Wessex Institute eLibrary <http://library.witpress.com>
- Conference participants will be invited to submit an extended version of their paper to the **International Journal of Safety and Security Engineering** associated with WIT.
- Papers presented at Wessex Institute conferences appear regularly in notable reviews, publications and databases.
- The opportunity to present your research within a unique forum and collaborate with experts from around the world.

## CONFERENCE CHAIRMEN

**C A Brebbia**  
Wessex Institute of Technology, UK

**M Eglite**  
Riga Stradins University, Latvia

## INTERNATIONAL SCIENTIFIC ADVISORY COMMITTEE

**G Badalians Gholikandi**  
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Autonomous University of Chihuahua, Mexico

**K Rumchev**  
Curtin University of Technology, Australia

**P Tchounwou**  
Jackson State University, USA

## CONFERENCE TOPICS

- Risk prevention and monitoring
- Control of pollution risk
- Mitigation problems
- Disaster management and preparedness
- Epidemiological studies and pandemics
- Air pollution
- Water quality issues
- Food safety
- Radiation fields
- Toxicology analysis
- Ecology and health
- Waste disposal
- Occupational health
- Industrial safety and hygiene
- Social and economic issues
- Accidents and man-made risks
- The built environment and health
- Designing for health
- Contamination in rural areas
- Climate change and adaptation
- Educational projects
- Environmental education and risk abatement

## SUBMISSION INFORMATION

Papers are invited on the topics outlined 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 online.

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.*

### Journal Submission

Delegates attending Environmental Health Risk 2011 will be invited to submit an expanded version of their paper for publication in the **International Journal of Safety and Security Engineering**, associated with the Wessex Institute of Technology.

### OPEN ACCESS

Participants who opt to have their paper permanently and openly accessible in the Wessex Institute eLibrary will receive a USB Flash Drive containing all the papers presented at previous conferences in this series.

We strongly believe that removing barriers to research published online will greatly aid progress in many scientific and technical disciplines.

#### Online Submission

[www.wessex.ac.uk/ehr2011](http://www.wessex.ac.uk/ehr2011)

#### Email Submission

**Email:** [imoreno@wessex.ac.uk](mailto:imoreno@wessex.ac.uk)  
Please submit your abstract with Environmental Health Risk 2011 in the subject line. Include your name, full address and conference topic.

#### Fax or Mail Submission

Fax or mail a copy of your abstract with the completed Enquiry Form overleaf to the secretariat below.

## CONFERENCE SECRETARIAT

**Irene Moreno Millan**  
**Conference Coordinator**  
**Environmental Health Risk 2011**

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Southampton, SO40 7AA, UK

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## INDEXING AND ARCHIVING OF PAPERS

Papers presented at Wessex Institute conferences are referenced by Crossref and regularly appear in notable reviews, publications and databases, including referencing and abstract services – Scopus, Compendex, ISI Web of Knowledge, Index to Scientific & Technical Proceedings, ProQuest and Scitech Book News. All conference books are archived in the British Library and American Library of Congress.

In addition the conference papers will be:

- Published by WIT Press in a volume of WIT Transactions on Biomedicine and Health in paper and digital format (ISSN:1743-3525).
- Available to conference delegates at the time of registration as a hardcover volume.
- Promoted directly to researchers and institutional libraries.
- Distributed widely through the international book trade.
- Archived online in the Transactions of the Wessex Institute collection, which provides the international scientific community with immediate and permanent access to individual papers.

View the Transactions of the Wessex Institute collection at:  
<http://library.witpress.com>



For more information visit: [www.wessex.ac.uk/ehr2011](http://www.wessex.ac.uk/ehr2011)

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## LOCATION

Capital city of Latvia, Riga can be found at the mouth of the Daugava River on the country's Baltic coast. Riga has a rich history, influenced by the many cultures which have left their mark on the city from the early Vikings to later German, Danish, Swedish and Russian settlers.

The Old Town is recognised by UNESCO as a World Heritage site for its uniquely well-preserved German Art Nouveau architecture, and is home to many ornate buildings and monuments, interesting museums, cafes and bars. In recent years the city has become increasingly popular thanks to the combined charms of the old centre and modern Scandinavian architecture and culture, offering visitors both tradition and lively entertainment.



## CONFERENCE VENUE

Environmental Health Risk 2011 will take place in the Reval Hotel Latvija, located in a prime position overlooking Riga's Old Town. The hotel offers a wide range of facilities including a spa, cafes, restaurants and Skyline roof-top bar with excellent city views. Spacious reception areas and comfortable rooms are complemented by free WiFi throughout the hotel.

## DISPLAY FACILITIES

There will be space for organisations to display products, services and literature related to the theme of the conference. Further details are available from the Conference Secretariat.

## WESSEX INSTITUTE OF TECHNOLOGY



The Wessex Institute of Technology (WIT) is an International Centre for Knowledge Transfer that fosters a number of key programmes within the research community.

The excellent reputation of the WIT Conference Programme held in different parts of the world continues to grow. This is just one of the initiatives offered by the Institute. Other activities include:

- Graduate Programmes at Master and PhD level.
- Advanced research.
- Publications, including books and journals.
- E-Publishing comprising the Transactions and other journals of the Wessex Institute.
- Services to industry.

**FOR FURTHER INFORMATION VISIT**  
[www.wessex.ac.uk](http://www.wessex.ac.uk)

## ENQUIRY FORM

**Environmental Health Risk 2011**  
**25 - 27 July 2011, Riga, Latvia**



Title (Prof/Dr/Mr/Mrs/Ms) .....  
Initials ..... Surname .....  
Organisation .....  
Address .....  
.....  
.....  
Postcode/Zip .....  
Country .....  
Telephone .....  
Fax .....  
Email .....

### Please indicate your intention below:

I intend to submit a paper and present it.

Proposed Title .....

Topics .....

I intend to participate in the conference, but will not be submitting a paper.

I am interested in renting display space

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