

Journal Submission

Authors attending Air Pollution 2013 will be invited to submit an extended version of their paper for possible publication in the International Journal of Sustainable Development and Planning, one of the Journals edited by the Wessex Institute.

Open Access

WIT strongly believes that removing the barrier to research published online will greatly aid progress in all scientific and technical disciplines, as well as all other spheres of knowledge. Most WIT conference and all journal papers are freely available online.

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.

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.

The language of the conference will be English.

Online submission

wessex.ac.uk/air2013

Email submission

imoreno@wessex.ac.uk

Submit your abstract with Air Pollution 2013 in the subject line.

Please include your name, full address and conference topic.

Conference Coordinator

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For more information visit:

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AIR POLLUTION 2013

21st International Conference on Modelling, Monitoring and Management of Air Pollution



3 – 5 June 2013
Siena, Italy

Location

The historic city of Siena is located in the beautiful region of Tuscany in central Italy. Self-contained behind its medieval walls, the attractive Gothic cityscape rises at the meeting point of three hills. The focal point of city life is the spectacular Piazza del Campo, its fan-like shape fits the natural slope of the ground and is surrounded by renaissance Palazzos and local restaurants. This provides a splendid backdrop for the Corsa del Palio, a fast and furious bareback horse race held twice yearly, which dates back to the 15th century.

Conference Venue

Air Pollution 2013 will be held at Certosa di Pontignano, situated on the outskirts of Siena, in 'Chianti Classico' territory. La Certosa is an old monastery which has been renovated and converted into a conference centre by the University of Siena. Transport services regularly connect the venue with central Siena.



WESSEX INSTITUTE
OF TECHNOLOGY

ADVANCING INTERNATIONAL KNOWLEDGE TRANSFER

Organised by

Wessex Institute of Technology, UK

University of the West of England, UK

University of Siena, Italy

Sponsored by

WIT Transactions on Ecology
and the Environment

International Journal of Sustainable
Development and Planning

wessex.ac.uk/air2013

Air Pollution 2013 is the 21st Annual Meeting in the successful series of international conferences organised by the Wessex Institute of Technology dealing with Modelling, Monitoring and Management of Air Pollution.

The series started in Mexico (1993) and continued in Barcelona (1994); Halkidiki (1995); Toulouse (1996); Bologna (1997); Genova (1998); San Francisco (1999); Cambridge, UK (2000); Ancona (2001); Segovia (2002); Catania (2003); Rhodes (2004); Cordoba (2005); the New Forest (2006); the Algarve (2007); Skiathos (2008); Tallinn (2009); Kos (2010) Malta (2011) and A Coruña (2012). These meetings have attracted outstanding contributions from leading researchers from around the world with all papers since 1993 permanently stored in the WIT eLibrary at <http://library.witpress.com>

Despite the long history of attempts to manage the consequences of air pollution, it remains one of the most challenging problems facing the international community. Air pollution is widespread and growing in importance, and has clear and known impacts on health and the environment. The human need for transport, manufactured goods and services brings with it often unintended impacts on the atmospheric environment at scales from the local to the global. Whilst there are good examples of regulatory successes in minimising such impacts, the continuing development of the global economy brings new pressures upon the ability of the atmosphere to process pollutants and to safely remove them. This brings risks to human health and the environment. The willingness of governments to regulate air pollution is often balanced by concerns over

the economic impact of such regulations. This frequently results in a lag between the scientific knowledge about the nature, scale and effect of air pollution and the implementation of appropriate, targeted and timely legislation.

Science remains the key to identifying the nature and scale of air pollution impacts and is essential in the formulation of policy to produce information for regulatory decision making. Continuous improvements to our knowledge of the fundamental science of air pollution and its applications are necessary if we are to properly predict, assess and mitigate the air pollution implications of emissions in the atmosphere.

This important conference brings together contributions from scientists from around the world to present recent work on various aspects of the air pollution phenomena. Notable in each of the conferences in this series has been the opportunity to foster scientific exchange between participants. New collaborations amongst scientists and between scientists and policy makers or regulators have arisen through contacts made in this series, and each meeting has provided a further opportunity for identifying new areas of air pollution science demanding collaborative investigation.

The conference papers deal with a rich variety of topics listed below. The presentation of case studies of specific regions and cities, including those in emerging countries, are particularly encouraged.

Conference Topics

Air pollution modelling
Monitoring and measuring
Air quality management
Indoor air pollution
Aerosols and particles
Emission studies
Air pollution chemistry

Source identification
Global and regional studies
Exposure and health effects
Economics of air pollution control
Policy and legislation
Case studies
Innovative technologies

Conference Chairmen

J Longhurst
University of the West of England, UK
C A Brebbia
Wessex Institute of Technology, UK

International Scientific Advisory Committee

C Borrego
University of Aveiro, Portugal
M Kastek
Military University of Technology, Poland

M Khare
Indian Institute of Technology Delhi, India
S Pongpiajun
National Institute of Development Administration, Thailand

A Seroji
Umm Al-Qura University, Saudi Arabia

S M Shiva Nagendra
Indian Institute of Technology Madras, India

Y Yu
Key Laboratory of Land Surface Process and Climate Change in Cold and Arid Regions, China

Benefits of Attending

Conference Books Papers are published in paper and digital format and widely distributed throughout the world. At registration, delegates receive a USB flash drive containing the conference proceedings, and those of previous conferences in the series. Papers are also archived at <http://library.witpress.com>

Book Dissemination WIT Press ensures maximum dissemination of your research throughout the world through its own offices in Europe, the USA and its extensive international distribution network.

Digital Archive All papers in the conference books are permanently archived at <http://library.witpress.com> where they are available to the international community.

Open Access Open Access allows for the full paper to be downloaded from the WIT eLibrary archives, offering maximum dissemination. Delegates who opt for Open Access will receive a collection of books on related fields on a USB flash drive at registration.

Journal Papers Presenters at WIT conferences will be invited to submit an extended version of their conference paper to one of the International Scientific Journals edited by the Wessex Institute.

Networking Participants can present their research and interact with experts from around the world, becoming part of a unique community.

Indexing and archiving of conference 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 such as **SCOPUS**, **Compendex**, **ISI Web of Knowledge**, **Index to Scientific and Technical Proceedings**, **ProQuest** and **Scitech Book News**. All conference books are archived in the British Library and American Library of Congress.

- Papers presented at Air Pollution 2013 will appear in a volume of **WIT Transactions on Ecology and the Environment** (ISSN: 1746-448X, Digital ISSN: 1743-3541).

- All conference papers are archived online at <http://library.witpress.com> where they are immediately and permanently available to the international scientific community.