

# The Sustainable City 2010



CALL FOR PAPERS

Sixth International Conference  
on Urban Regeneration and  
Sustainability

14 - 16 April 2010  
La Coruña, Spain

ORGANISED BY:  
University of La Coruña, Spain  
Wessex Institute of Technology, UK

IN COLLABORATION WITH:  
The International Journal of  
Sustainable Development and Planning

INCORPORATING:  
The Prigogine Awards 2010

Sustainable  
City  
2000-2008

**Sustainable City 2010**  
participants will receive a  
complimentary CD of all the  
papers presented at past  
conferences [2000 - 2008].



WESSEX INSTITUTE OF TECHNOLOGY  
*Advancing International Knowledge Transfer*  
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## INTRODUCTION

This conference aims to address the many inter-related aspects of the urban environment from transport and mobility to social exclusion and crime prevention. The meeting will build on the contributions made in previous conferences, which successfully managed to provide an international view of the problems facing modern cities and their solutions.

Urban areas produce a series of environmental problems arising from the consumption of natural resources and the consequent generation of waste and pollution. These problems contribute to the development of social and economic imbalances. All these problems, that continue to grow in our society, require the development of new solutions.

The Sustainable City 2010 follows five very successful meetings held in Rio (2000); Segovia (2002); Siena (2004); Tallinn (2006) and Skiathos (2008). The conferences attracted a substantial number of contributions from participants from different backgrounds and countries. The variety of backgrounds and experiences is one of the main reasons behind the success of the series.

## WHO SHOULD ATTEND

City planners, architects, environmental engineers and all academics, professionals and practitioners involved in the wide range of disciplines associated with creating a sustainable urban environment.

## CONFERENCE CHAIRMEN

**C A Brebbia**, *Wessex Institute of Technology, UK*  
**S Hernandez**, *Universidad de La Coruña, Spain*  
**E Tiezzi**, *University of Siena, Italy*

## INTERNATIONAL SCIENTIFIC ADVISORY COMMITTEE

**M Ali**  
*University of Illinois, USA*

**S Basbas**  
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**R Pulselli**  
*University of Siena, Italy*

**R Rojas-Caldelas**  
*Universidad Autonoma de Baja California, Mexico*

**W Timmermans**  
*Wageningen UR, The Netherlands*

## CONFERENCE TOPICS

- The community and the city
- Planning, development and management
- Urban strategies
- Sustainable transportation and transport integration
- Urban-rural relationships
- Public safety
- Cultural heritage issues
- Environmental management
- Architectural issues
- Landscape planning and design
- Socio-economic issues, poverty and segregation
- Intelligent environments
- Natural resources
- Waste management
- Case studies

## JOURNAL OF SUSTAINABLE DEVELOPMENT AND PLANNING

The aim of this Journal is to inform its readers about all aspects of environmental planning and management. The Journal includes subjects ranging from social to technical environmental management and focuses on the concepts of sustainable planning and development.

### Journal Submission

Delegates attending The Sustainable City 2010 will be invited to submit an expanded version of their paper for publication in the **International Journal of Sustainable Development and Planning**, associated with the Wessex Institute of Technology.

## LOCATION

Originally an important Roman trading port, La Coruña is a busy city in the north-west of Spain whose character is distinctly different to that of Mediterranean Spain. Located in the verdant agricultural region of Galicia, La Coruña is home to Roman remains, castles, museums and impressive produce markets. The main focus of La Coruña is the waterfront with an impressive new promenade which extends the length of the city linking its many attractions, shopping areas and beaches. The nineteenth century centre is noted for its unusual Galerías – glazed balconies on the front of almost all buildings which allow the city's residents to enjoy the Atlantic views year round. A landmark of the city, the 2,000 year old tower of Hercules is the oldest lighthouse in existence, a World Heritage site and National Monument of Spain.

## CONFERENCE VENUE

The Sustainable City 2010 will take place at the University of La Coruña, a short distance from the city's attractive waterfront. Established in 1989, the University has expanded to include two campuses and a student population of over 25,000.

*Further details regarding local attractions, accommodation booking and travel directions will be available closer to the time of the conference.*

## 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.



*Photo Courtesy of Archivo Turismo Da Coruña*

## 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 book form** and distributed to delegates at registration.
- The Sustainable City 2010 participants will receive a complimentary CD of all the papers presented at past conferences [2000 – 2008].
- Papers are also published in **electronic format**, and made available 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 Sustainable Development and Planning** 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.



## 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 Wessex Institute.
- Services to industry.

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

## ABSTRACT/PAPER SUBMISSION

**Abstract (300 words):**

*Submit to Conference Secretariat as indicated on the Enquiry Form.*

**Paper Submission:**

*Date to be advised after submission of abstracts.*

**For more information visit: <http://www.wessex.ac.uk/city2010>**

## PRIGOGINE AWARD 2010

**For the seventh year running, a special medal has been awarded by the University of Siena and the Wessex Institute of Technology in honour of the late Professor Prigogine's Nobel Prize in Chemistry. The medal features the name of Prigogine and the symbol for bifurcation, to represent his distinctive work on ecodynamics.**

The 2010 award ceremony will be held during The Sustainable City 2010.



*Professor Ilya Prigogine, Nobel Prize Winner*

The Prigogine Award was initiated in 2004 by the University of Siena and the Wessex Institute of Technology to honour the memory of Professor Ilya Prigogine, Nobel Prize Winner for Chemistry and, in the words of Enzo Tiezzi, "the greatest scientist of the 20th Century".

Prigogine was awarded the Nobel Prize for his contribution to non-equilibrium thermodynamics, particularly the theory of dissipative structures. The main theme of his scientific work was the rule of time in the physical sciences and biology. The results of his work have had profound consequences for understanding biological and ecological systems.

Prigogine's ideas established the basis for ecological systems research. The Award and Medal are given annually to a leading scientist in the field of ecological systems of Ecodynamics.

Previous recipients of the Award were Professor Sven Jorgensen of the Pharmaceutical University of Denmark 2004, Professor Enzo Tiezzi of the University of Siena 2005, Professor Bernard Patten of the University of Georgia 2006, Professor Robert Ulanowicz of the University of Maryland 2007, Professor Ioannis Antoniou of the Aristotle University of Thessaloniki 2008, and in 2009, Professor Emilio del Giudice until recently of the National Institute of Nuclear Physics in Milan and now of the International Institute of Biophysics in Germany.

Nominations for the Prigogine Award 2010 are encouraged from those intending to participate in The Sustainable City 2010.

### Nominations

The medal will be awarded to a senior researcher, selected in advance by the Committee and invited to give the Keynote Address at the conference. Nominations should be sent to the address below.

Professor C A Brebbia  
Nominations for the Prigogine Award  
Wessex institute of Technology  
Ashurst Lodge, Ashurst  
Southampton  
SO40 7AA, UK

Tel: 44 (0) 238 029 3223  
Fax: 44 (0) 238 029 2853  
Email: carlos@wessex.ac.uk



*Professor I Antoniou (3<sup>rd</sup> from left)*



*Delegates at the Prigogine Award 2008*

### Previous Ceremonies

Visit the web pages below for information on previous Prigogine Award Ceremonies:

The Sustainable City 2006 - Tallinn, Estonia  
[www.wessex.ac.uk/city06](http://www.wessex.ac.uk/city06)  
ECOSUD 2007 - Coimbra, Portugal  
[www.wessex.ac.uk/ecosud07](http://www.wessex.ac.uk/ecosud07)  
The Sustainable City 2008 - Skiathos, Greece  
[www.wessex.ac.uk/city08](http://www.wessex.ac.uk/city08)  
ECOSUD 2009 - Chianciano Terme, Italy  
[www.wessex.ac.uk/ecosud09](http://www.wessex.ac.uk/ecosud09)



## INDEXING AND ARCHIVING OF PAPERS

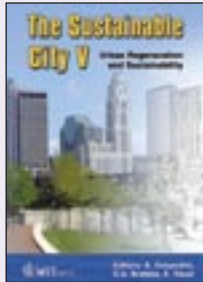
Papers presented at Wessex Institute Conferences are referenced by Crossref and regularly appear in notable reviews, publications and databases, including referencing and abstract services – Scopus, Compendex, ISI Web of Knowledge, Index to Scientific & Technical Proceedings, ProQuest and Scitech Book 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 Ecology and the Environment (ISSN:1743-3541).
- 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.

WIT Press is committed to offering authors the option to make their work freely accessible to colleagues through their Open Access service.

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



## International Journal of Sustainable Development and Planning Encouraging a unified approach to achieve sustainability

In recent years, an increase in spatial and environmental problems in many countries has led to a crisis in environmental planning and management. The increasing urbanization of the world coupled with the issues of environmental pollution, resources shortage and economic restructuring demand that a lot of effort should be required in order to make our cities sustainable.

This journal aims to inform its readers quickly on all aspects of environmental planning and management, spatial planning and sustainable development in an integrated way.

### Journal Topics

Sustainable development

Environmental legislation and policy

Ecosystems analysis and protection

Natural resources management

Coastal planning and policy

Waste management

Environmental infrastructure

Air, water and soil pollution

Remediation and recovery

Environmental impact assessment

Environmental economics

Tourism and environment

Social issues

Resources management

Rural planning

Urban planning

Urban and regional design

Environmental economics

Visual impact and noise pollution

Planning in less favoured areas

Geo-informatics and the environment

Regional economics

Utilities and networks

Energy resources

Education and health

Public safety and security

Cultural heritage and architectural issues



### Selected Journal Papers

Measuring space-time accessibility to urban opportunities: a study on demand for and supply of activities performed by university teachers and students of Khulna City  
*K.R. Rahaman, S.J. Ahmed and M.S. Islam*

The traded of local service shortage in cities a willingness to pay study  
*M. Haraldsson and T. Svensson*  
Feasibility of a water market in Colombia  
*J.A. Vasquez Paniagua*

Evaluation of a sustainable urban transport system through the use of the TRANSECON methodology  
*S. Basbas and A. Papanikolaou*  
Recovery from natural and man-made disasters as capabilities restoration and enhancement  
*P. Gardoni and C. Murphy*

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# ENQUIRY FORM

The Sustainable City 2010: 14 - 16 April 2010, La Coruña, Spain



## CALL FOR PAPERS

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.*

## CONFERENCE SECRETARIAT

**Irene Moreno Millan**  
Conference Secretariat  
The Sustainable City 2010

WESSEX INSTITUTE OF  
TECHNOLOGY  
Ashurst Lodge, Ashurst  
Southampton SO40 7AA, UK

Tel: + 44 (0) 238 029 3223  
Fax: + 44 (0) 238 029 2853  
Email: [imoreno@wessex.ac.uk](mailto:imoreno@wessex.ac.uk)

## ABSTRACT SUBMISSION

### Email Submission

**Email:** [imoreno@wessex.ac.uk](mailto:imoreno@wessex.ac.uk)

Please submit your abstract with **The Sustainable City 2010** in the subject line. Include your name, full address and conference topic.

### Web Submission

[www.wessex.ac.uk/city2010](http://www.wessex.ac.uk/city2010)

### Fax Submission

**Fax:** 44 (0) 238 029 2853

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

### Mail Submission

**Mail:** Please mail a copy of your abstract with this completed Enquiry Form to: Irene Moreno Millan, Conference Secretariat, The Sustainable City 2010, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK.

**Please pass these details on to other interested colleagues**

*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.*

## YOUR DETAILS

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 .....

.....

Topic .....

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

I am interested in renting display space