

**CALL FOR PAPERS**

**Fifth International  
Conference on  
Urban Regeneration and  
Sustainability**

**24 – 26 September 2008  
Skiathos, Greece**

**ORGANISED BY:**

Wessex Institute of Technology, UK  
University of Siena, Italy  
University of Thessaly, Greece

**SPONSORED BY:**

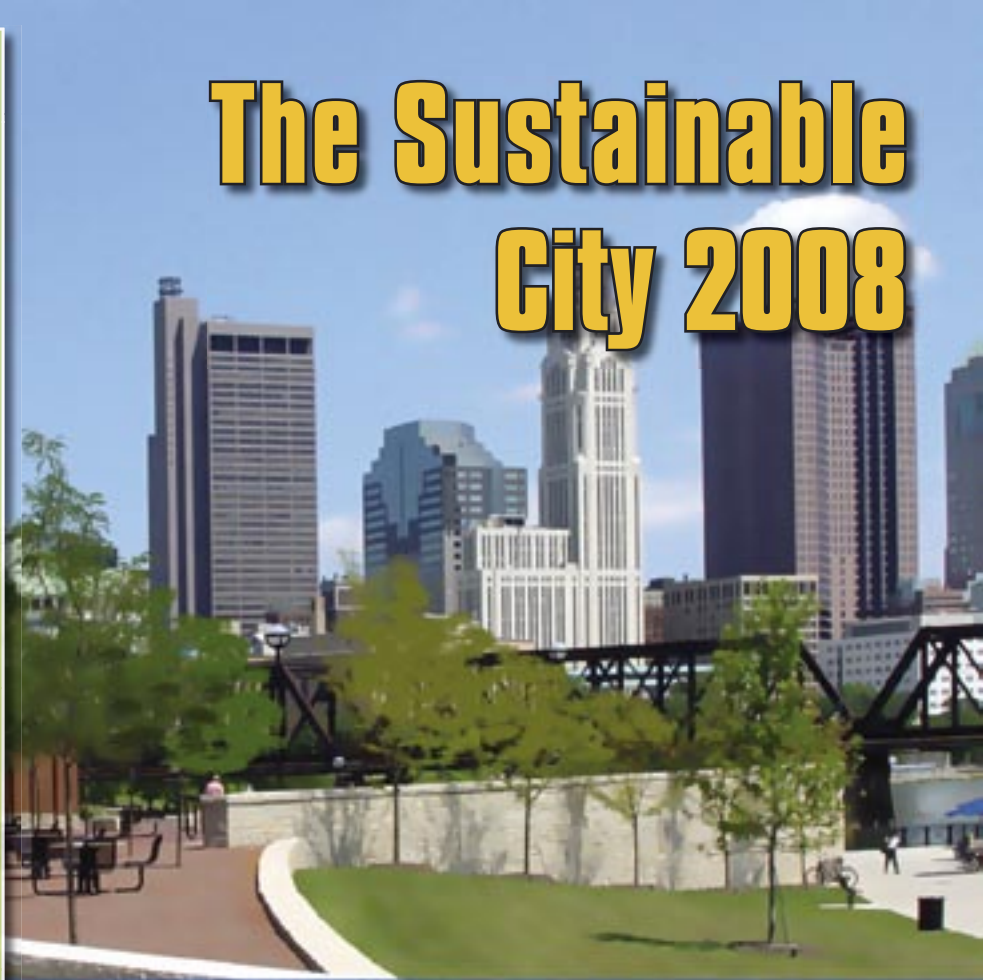
WIT Transactions on Ecology and the  
Environment  
The International Journal on Ecodynamics

**INCORPORATING:**

The Prigogine Awards 2008



# The Sustainable City 2008



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

The Conference aims to address the many inter-related aspects of the urban environment from transport and mobility to social exclusion and crime prevention. It is hoped that 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 2008 follows four very successful meetings held in Rio (2000); Spain (2002), Siena (2004) and Tallinn (2006). The Conferences attracted a large 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.

## OPEN-ACCESS

WIT Press is committed to Open-Access. We strongly believe that removing barriers to research published online will greatly aid progress in many scientific and technical disciplines.

Please pass these details on to other interested colleagues

## CONFERENCE CHAIRMEN

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

**A Gospodini**, *University of Thessaly, GREECE*

**E Tiezzi**, *University of Siena, ITALY*

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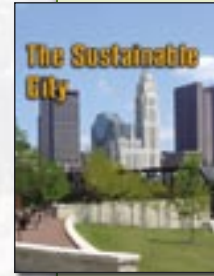
**C Solidoro**, *Ist. Naz. di Oceangrafi - OGS, ITALY*

**W Timmermans**, *Alterra, THE NETHERLANDS*

**A Van Nes**, *TU Delft, THE NETHERLANDS*

**P Yildiz**, *Hacettepe University, TURKEY*

## 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, Elsevier's referencing and abstract services – Scopus and Compendex; Cambridge Scientific Abstracts; Thomson – Index to Scientific & Technical Proceedings, and Index to Scientific Book Contents; Scitech Book News; Interdok – Directory of Published Proceedings; American Library

Association – Choice. Papers continue to be added to new databases regularly.

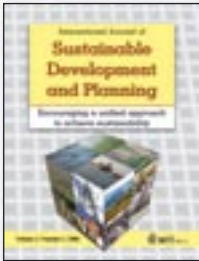
In addition the Conference papers will be:

- 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.
- Publicised 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 making all its material OPEN ACCESS. This option is available to all authors.

View the Transactions of the Wessex Institute Collection at: [library.witpress.com](http://library.witpress.com)

# INTERNATIONAL JOURNALS FROM WIT PRESS



## INTERNATIONAL JOURNAL OF SUSTAINABLE DEVELOPMENT AND PLANNING

### Editors

**E. Beriatos**, University of Thessaly, GREECE  
**C.A. Brebbia**, Wessex Institute of Technology, UK  
**A. Kungolos**, University of Thessaly, GREECE

### Associate Editors

**M. Besio**, University of Genoa, ITALY

### JOURNAL TOPICS

- Sustainable development
- Environmental legislation and policy
- Ecosystems analysis and protection
- Natural resource management
- Coastal planning and policy
- Waste management
- Environmental infrastructure
- Air, water and soil pollution
- Remediation and recovery
- Geo-informatics and the environment
- Environmental impact assessment
- Environmental economics
- Tourism and environment
- Social issues
- Rural planning
- Urban planning
- Urban and regional design
- Planning in less favoured areas
- Regional economics
- Utilities and networks
- Energy resources
- Education and health
- Cultural heritage and architectural issues
- Public safety and security
- Visual impact and noise pollution

*The International Journal of Sustainable Development and Planning* is an international, interdisciplinary journal covering the subjects of environmental design and planning, environmental management, spatial planning, environmental planning, environmental management and sustainable development in an integrated way as well as in accordance with the principles of sustainability.

It is the aim of the editors of the Journal to create an interdisciplinary forum where all the issues related with the concept of sustainability (environmental, spatial, economical and social), are open for scientific discussion.

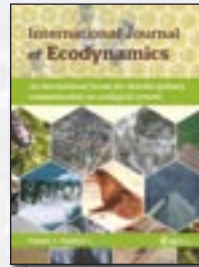
### WIT PRESS ... for scientists by scientists



Papers on the topics specified for each journal and which are in accordance with the aims and objectives of each Journal are welcome.

Authors are requested to contact Professor Brebbia in the first instance:

**WIT Press Journals, WIT Press, Ashurst Lodge, Southampton, SO40 7AA, UK**  
**Tel: 44 (0) 238 029 3223 Fax: 44 (0) 238 029 2853**  
**Email: carlos@witpress.com Web: www.witpress.com**



## INTERNATIONAL JOURNAL OF ECODYNAMICS

### Honorary Editor

The late Professor I Prigogine, Nobel Prize in Chemistry

### Editors

**E Tiezzi**, University of Siena, ITALY  
**S E Jørgensen**, University of Pharmaceutical Science, DENMARK  
**C A Brebbia**, Wessex Institute of Technology, UK  
**T Chon**, Pusan National University, KOREA  
**B Patten**, Georgia Institute of Technology, USA

*The International Journal of Ecodynamics* is based on the need to relate ecosystems to evolutionary thermodynamics in order to arrive at satisfactory solutions for sustainable development. This is the most important challenge facing modern society and the Journal aims to act as a forum for the publication of papers that can contribute to understanding the ecosystems and their reactions by the use of evolutionary approaches. The editors believe that the time is right for making Ecology, like Physics, a theoretical discipline.

The objective of the Journal is to encourage and facilitate the interdisciplinary communication between scientists, engineers, economists, and other professionals working on ecological systems.

### JOURNAL TOPICS

- Evolutionary thermodynamics
- Eco-informatics
- Dynamic modelling of ecosystems
- Thermodynamics and ecology
- Indicators and methods for dynamic system investigations
- Sustainability indicators and development
- Environmental risk
- Natural resources management
- Environmental assessment: soil, air, water, energy, waste
- Conservation and management of biodiversity
- Epistemology and aesthetics in science
- Landscape dynamics
- Diversity and redundancy in living systems
- Recovery of damaged areas
- Energy conservation and generation
- Environmental ecological strategies



# ENQUIRY FORM

## The Sustainable City 2008: 24 - 26 September 2008, Skiathos, Greece



### 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 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 TOPICS

- Strategy and development
- Planning, development and management
- Environmental management
- Planning issues
- Socio-economic issues
- The community and the city
- Cultural heritage
- Architectural issues
- Traffic and transportation
- Land use and management
- Public safety
- Sustainable transportation and transport integration
- Energy resources systems
- Healthy cities
- Urban-rural relationships
- Spatial modelling
- Mega cities
- Indicators: Ecological, economic, social
- Revitalisation strategies

### ABSTRACT SUBMISSION

#### Email Submission

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

Please submit your abstract with The Sustainable City 2008 in the subject line. Include your name, full address and conference topics.

#### Web Submission

[www.wessex.ac.uk/conferences/2008/city08](http://www.wessex.ac.uk/conferences/2008/city08)

#### Fax Submission

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

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

#### Mail Submission

**Mail:** Rachel Swinburn, Conference Manager, The Sustainable City 2008, 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**

#### 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 display space.

### YOUR DETAILS

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 .....

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

**Regular conference updates  
are available at:**

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

*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.*



## PRIGOGINE AWARDS 2008



*Above: Professor Prof Ilya Prigogine*

The Prigogine Award was instituted in 2004 by the University of Siena and the Wessex Institute of Technology to honour the memory of Prof Ilya Prigogine, Nobel Prize Winner for Chemistry and, in the words of Enzo Tiezzi, "the greatest scientist of the 20<sup>th</sup> 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 for the best paper presented at a relevant WIT Conference or submitted to the Ecodynamics Journal.

The recipients of the Senior Researcher Awards in 2004, 2005 and 2006 were Professor Sven Jorgensen of the Pharmaceutical University of Denmark, Professor Enzo Tiezzi of the University of Siena and Prof Bernard Patten of the University of Georgia respectively.

See the following web page for details of the 2004 Awards Ceremony:

[www.wessex.ac.uk/conferences/2004/sustainablecity04](http://www.wessex.ac.uk/conferences/2004/sustainablecity04)

See the following web page for details of the 2005 Awards Ceremony:

[www.wessex.ac.uk/conferences/2005/eco05](http://www.wessex.ac.uk/conferences/2005/eco05)

Details about The Sustainable City 2006, including the Awards Ceremony are available at:

[www.wessex.ac.uk/conferences/2006/city06](http://www.wessex.ac.uk/conferences/2006/city06)

The 2007 prize is being presented at the 2007 ECOSUD conference. Details are available at:

[www.wessex.ac.uk/conferences/2007/eco07](http://www.wessex.ac.uk/conferences/2007/eco07)



*Above: Professor Sven Jorgensen, Professor Enzo Tiezzi, Professor Bernard Patten and Professor Carlos Brebbia*

Nominations for the Prigogine Award 2008 are encouraged from those intending to participate in The Sustainable City 2008.

### **Please contact:**

Professor C A Brebbia, Director  
Applications for the Prigogine Award 2008

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](mailto:carlos@wessex.ac.uk)

## THE ISLAND OF SKIATHOS, GREECE

Skiathos is a popular tourist destination located in the northwestern part of the Aegean Sea off the east coast of Thessaly's Pelion Peninsula. The Island has over 60 sandy beaches thanks to its indented coastline. The capital, Skiathos Town, was built in 1830 on two low hills on the southeastern tip of the Island. Bombers destroyed Skiathos during World War II, however after it was rebuilt the town began to prosper and today almost the entire population of Skiathos is concentrated there. The seafront is lined with cafes and restaurants due to the marina, making it a popular place to spend the evening on the Island.



### CONFERENCE VENUE

The Skiathos Palace Hotel is located on a small hill overlooking the famous Koukounaries bay and Maratha beach, at the southwest corner of Skiathos Island, offering splendid views of the magnificent area. There is a large fresh water swimming pool with sun terrace and tennis court on the hotel premises. Alternatively you can visit the nearby Diving centre, horseback riding centre or the water sports school. There is also an onsite restaurant, pool side snack bar and indoor bar.

### GETTING TO SKIATHOS

#### By plane:

Frequent Charter flights connect Skiathos with many European cities (70 weekly) from May till the end of October.

There are daily flights with O.A (Olympic Airways) from Athens in summer and 2 – 3 times a week in winter. The flight lasts 35 minutes. Once landed in Skiathos the distance between the international airport and Skiathos town is 3kms.

#### By Sea:

**Hydrofoil** Another way to travel from Athens to Skiathos is by catching a bus from Syntagma Square, which connects with the hydrofoil to Skiathos at Aghios Konstantinos. The hydrofoil service "Flying Dolphins" takes approximately 1.20 hours and is very reliable with regards to being on time. The hydrofoil also offers a service to Volos, which takes approximately 1.15 hours.

**Ferry-boat:** From St. Konstantinos you can catch a bus from Kannigos Square, which will transport you to Skiathos by Ferry. The duration of the trip is approximately 3 hours.

### ABSTRACT/PAPER SUBMISSION

#### Abstract (300 words):

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

#### Camera Ready Final Paper:

*Date to be advised after submission of abstracts.*

## 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)

### CONFERENCE SECRETARIAT

Rachel Swinburn

Conference Manager

THE SUSTAINABLE CITY 2008

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