

International Journal of Design & Nature and Ecodynamics

A transdisciplinary journal relating nature, science and the humanities

The International Journal of Design & Nature and Ecodynamics opens new avenues for understanding the relationship between arts and sciences. The objective of the Journal is to encourage and facilitate inter-disciplinary communication between scientists in different disciplines, as well as other professionals in academia, research institutions or industry, working on a variety of studies involving nature and its significance to modern scientific thought and design.

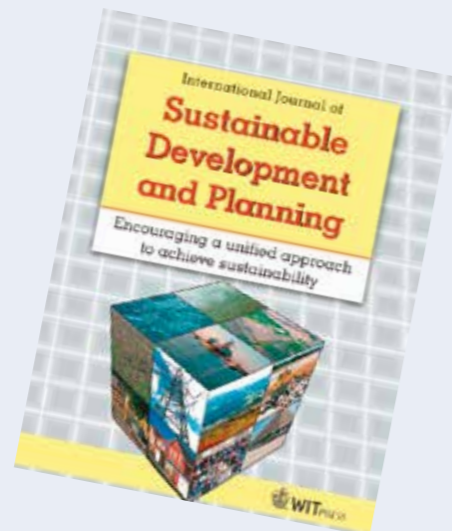
For more information, please see <http://journals.witpress.com/jdne.asp>

International Journal of Sustainable Development and Planning

Encouraging a unified approach to achieve sustainability

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.

For more information, please see <http://journals.witpress.com/jsdp.asp>



Location

Renowned as a secluded seaside resort of the rich and famous, the town of Opatija is situated to the west of the city of Rijeka on the Adriatic coast. Opatija means "abbey" in Croatian, and the town is named after an abbey that was established by Benedictine monks in the 14th century of which its centre-point, St James's Church, still stands.

The town of Opatija developed as an elite holiday resort in the mid-19th Century, and

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/ravage2015

Email submission
imoreno@wessex.ac.uk

Submit your abstract with 'Ravage of the Planet IV' in the subject line.
Please include your name, full address and conference topic.

was frequented by European kings and emperors of the Austro-Hungarian monarchy. Tourism in this area has thrived and Opatija is still a popular location today, especially for European tourists. In the summer months, Opatija is a well-known setting for culture and the arts, hosting concerts, theatrical performances, film, literature and multimedia events.



Conference Venue

Situated next to the Lungo Mare promenade, by Opatija harbour and Angiolina Park the Milenij Grand Hotel, Opatija, comprises of four luxurious villas named after the most well-known Opatija flowers; Camellia, Wisteria, Melia and Magnolia. The hotel has 250 rooms with facilities including a large Wellness Centre and Spa, the Camellia Restaurant serving Croatian national cuisine, the Oleandar Bar with a gorgeous view of the sea, and the Grand Café serving homemade cakes and hand-made chocolate.

Conference Secretariat

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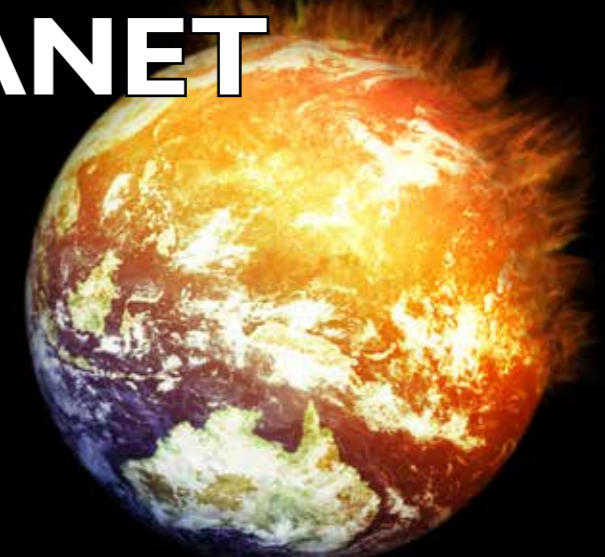
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RAVAGE OF THE PLANET IV



4th International Conference on Management of Natural Resources, Sustainable Development and Ecological Hazards

1 – 3 July 2015
Opatija, Croatia

Organised by
Wessex Institute, UK

Sponsored by
WIT Transactions on Ecology and the Environment
International Journal of Sustainable Development and Planning
International Journal of Design & Nature and Ecodynamics



WESSEX INSTITUTE
ADVANCING INTERNATIONAL
KNOWLEDGE TRANSFER

The success of the three previous International Conferences on Management of Natural Resources, Sustainable Development and Ecological Hazards (Ravage of the Planet) held in Bariloche, Argentina (2006); Cape Town, South Africa (2009); and Kuala Lumpur, Malaysia (2011), has led the organisers to reconvene the Meeting in 2015.

The Conference has always been well attended by a substantial number of scientists from all over the world, which underlines the concern of the international community regarding the state of the planet. The basic premise of the Meeting is the need to determine solutions before a point of no return is reached.

Our society has fallen into a self-destructive process by which natural resources are consumed at an ever increasing rate. This process is now spread across the planet in search of further sources of energy and materials. The aggressiveness of the quest is such that the future of our planet is in the balance; the emphasis has been in

dominating nature rather than trying to achieve harmonious relationships with her. The process is compounded by the pernicious effects of the resulting contamination of air, water and soil.

The Conference will discuss the objective of reaching sustainability in the framework of different disciplines in order to arrive at optimal solutions. Hence this meeting is essentially trans-disciplinary in order to find appropriate sustainable ways forward, ie those involving collaboration across a wide range of disciplines. Like the first three meetings, the aim of this conference is to take stock of our situation and try to facilitate constructive principles and policies.

About the Wessex Institute

Located in the beautiful New Forest National Park on the south coast of England, Wessex Institute is a unique organisation serving the international scientific and industrial communities.

The overall aim of the Wessex Institute is to develop a series of knowledge transfer mechanisms, particularly directed towards the exchange of information between academics and professional users within industry.

This is achieved through the following Core Activities:

Specialist Research within the areas of Computational Modelling, Damage Mechanics, Environmental Fluid Mechanics, Information Technology and Industrial Research.

International Conference Programme that is constantly evolving in both size and scope. This has brought international renown to the Institute.

Publishing: WIT Press is the publishing arm of the Institute, which produces numerous scientific books, monographs, journals and edited works as well as the proceedings from the Institute's conference programme.

Software: The software arm of the Institute continues to develop and maintain the Boundary Element Analysis System, which was originated by the Director of the Wessex Institute.

Services: The organisation provides support to industry in areas such as aerospace, offshore, naval and automotive, as well as specialised fields such as biomedicine, electromagnetics and fracture mechanics.



Benefits of attending

Conference Proceedings Papers presented at Ravage of the Planet IV will be published by WIT Press in Volume 199 of WIT Transactions on Ecology and the Environment (ISSN: 1746-448X Digital ISSN: 1743-3541) WIT Press ensures maximum worldwide dissemination of your research through its own offices in Europe, the USA and its extensive international distribution network.

Delegates will have the choice of receiving the conference book as either hard cover or digital format on a USB flash drive. The USB flash drive will, in addition contain papers from previous conferences in this series.

Indexing and Archiving Papers presented at Wessex Institute conferences are referenced by CrossRef and regularly appear in notable reviews, publications and databases, including referencing and abstracting services such as SCOPUS, Compendex, Thomson Reuters Web of Knowledge and ProQuest. All conference books are archived in the British Library and American Library of Congress.

Digital Archive All conference papers are archived online in the WIT eLibrary (<http://library.witpress.com>) where they are easily and permanently available to the international scientific community.

Journal Papers After the conference, presenters at Ravage of the Planet IV will be invited to submit an enhanced version of their research for possible publication in one of the International Journals Published by the Wessex Institute.

Reviews Abstracts and papers are reviewed by members of the International Scientific Advisory Committee and other experts.

Open Access Open Access allows for the full paper to be downloaded from the WIT eLibrary archives, offering maximum dissemination. Authors who choose this option will also receive complimentary access for one year to the entire WIT eLibrary.

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

Reduced Fee for PhD Students The Wessex Institute believes in the importance of encouraging PhD students to present and publish innovative research at their conferences. As a result, the Institute offers PhD students a much reduced conference fee.

Conference Chairman

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Wessex Institute, UK

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Citations When referencing papers presented at this conference please ensure that your citations refer to **Volume 199 of WIT Transactions on Ecology and the Environment** as this is the title under which papers appear in the indexing services.



Conference Topics

The Re-Encounter

Science and humanities

Arts and sciences

Political, Economic and Social Sciences

Social and sociological issues

Environmental legislation and policies

Environmental economics

Regional planning and economics

Planning and Development

City planning

Urban design

Landscaping

Sustainable transport

Resource management

Waste management

Tourism and the environment

Health Risks

Water, air and soil pollution

Radiation effects

Food contamination

Housing and health

Social and economic issues

Energy

Renewable energy

Nuclear energy

Hydrocarbons

Economic and political issues

Energy conservation

Water Resources

Water management and planning

River basin management

Sustainable water use

Irrigation and drainage

Waste water

Pollution monitoring and control

Air

Air quality management

Global and regional studies

Climatology

Safety and Security

Safety risk analysis

Emergency response

Disaster prevention

Control management and protection

Public safety and security

Infrastructure protection

Soil

Agricultural issues

Contamination

Soil remediation

Brownfield recovery

Ecological issues

Natural resources management

Climate change and sustainability

Biodiversity

Environmental risk

Recovery of damaged areas

Ecosystem modelling

Agricultural and forestation issues

Landscapes

Learning from nature

Design in nature

Nature and architecture

Solutions from nature

Evolutionary structures

New technologies

The impact of new technologies

Energy-efficient technologies

Eco-architecture