ENVIRONMENTAL IMPACT 2018



4th International Conference on Environmental and Economic Impact on Sustainable Development

20 – 22 June 2018 Naples, Italy

Organised by

Parthenope University of Naples, Italy Wessex Institute, UK

Sponsored by

WIT Transactions on Ecology and the Environment International Journal of Sustainable Development & Planning International Journal of Safety and Security Engineering International Journal of Environmental Impacts

www.witconferences.com/impact2018

The 4th International Conference on Environmental and Economic Impact on Sustainable Development follows the success of three previous meetings held in the New Forest, UK, (home of the Wessex Institute) in 2012; Ancona, Italy in 2014; and Valencia, Spain in 2016.

The meeting will provide an international forum to discuss the most serious problems affecting sustainable development. The Conference will consider the impact of economic constraints on the environment, taking into account the social aspects as well as the over-use of natural resources. Uncontrolled development can also result in damage to the environment in terms of the release of toxic substances and hazardous waste.

The meeting will examine issues related to whether some forms of development are compatible with environmental protection, particularly in cases of possible serious contamination and toxicity. The conference will address problems of great importance discussing more constructive and progressive approaches to ensure sustainability. A major motivation for the meeting is to learn from past failure, to avoid repeating similar mistakes, while attempting to prevent emerging threats to environmental and ecological systems.

Fundamental to these concepts are the analysis of the inherent risk and the development of appropriate strategies.

All published papers from previous meetings are permanently archived in the Wessex Institute e-library (www.witpress.com/ elibrary) where they are freely available to the international community.

Conference Topics

The following list covers the topics to be presented at the meeting. Papers on other subjects related to the objectives of the conference are also welcome.

Environmental policies and planning	Remediation
Environmental assessments	Decommissioning of hazardous plants
Development issues	Brownfields rehabilitation
Sustainable cities	Water resources management
Economic impact	Air and water pollution
Natural resources management	Toxicity studies
Energy and the environment	Pollution and public health
Food production systems and policies	Environmental health risk
Ecosystems health	Community participation
Soil contamination	Legislation and regulations

Benefits of Attending

Publication of Papers Papers presented at Environmental Impact 2018 will be published by WIT Press in a Volume of WIT Transactions. Selected papers will appear in an Issue of the International Journal of Environmental Impacts and others instead.

Reviews To ensure the quality of our publications, abstracts and papers are peer reviewed by members of the International Scientific Advisory Committee and other experts, with manuscripts processed through CrossRef Similarity Check.

Open Access WIT Press is an advocate of Open Access which offers maximum dissemination of your work. All WIT Transactions and Journal papers can be downloaded free of charge from the WIT elibrary (www.witpress.com/elibrary).

Indexing and Archiving Papers presented at Wessex Institute conferences are referenced by CrossRef and have appeared in notable reviews and databases. Papers are submitted to various indexing services such as Web of Science, Google Scholar, Index Copernicus and Scopus. All conference books are listed in the British Library and American Library of Congress.

Conference Proceedings At registration delegates will be given copies of the papers presented at the Conference on a USB Flash drive. Following the Conference, delegates will receive an electronic copy of the final publication in which their paper has been published.

Digital Archive All conference papers are archived online in the WIT eLibrary (www.witpress.com/elibrary) where they are permanently and freely available to the international scientific community.

Networking Participants can present their research and interact with experts from around the world, as 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 its conferences. As a result, the Institute offers PhD students a much reduced conference fee.

Conference Chairmen

C A Brebbia Wessex Institute, UK

G Perillo Parthenope University of Naples, Italy

International Scientific Advisory Committee

R Cioffi Parthenope University of Naples, Italy

G A de Medeiros Sao Paulo State University, Brazil

C Ferone University Parthenope of Naples, Italy

F Gaja i Diaz Polytechnic University of Valencia, Spain

D Hanson HansonRM, USA

B Jenkins University of Canterbury, New Zealand (Rtd)

S Kulshreshtha University of Saskatchewan, Canada

R Longo Pontifical Catholic University of Campinas, Brazil

A Melkonyan University Duisberg-Essen, Germany

J L Miralles i Garcia Politechnic University of Valencia, Spain

R Olsen CDM Smith, USA

Y K Pykh Russian Academy of Sciences, Russia

A I Ribeiro Sao Paulo State University, Brazil

R Sjöblom Lulea University of Technology, Sweden

J Vleugel Delft University of Technology, Netherlands

S Wunderlich Montclair State University, USA





Location

Situated in the southern Italian region of Campania, Naples is one of Italy's oldest and most important cities. The birthplace of some of Italy's most iconic foods and drinks, good restaurants and cafes are plentiful in Naples, serving fresh local seafood and regional specialities. The historic centre is recognises as a UNESCO World Heritage site and offers a wealth of interesting architecture, monumental castles and museums, as well as galleries exhibiting works by some of Italy's most distinguished Renaissance artists. The surrounding area and coastline provides picturesque views of Capri and numerous small islands, while nearby Mount Vesuvius and the roman remains of Pompeii and Herculaneum remain some the most notable sites in southern Italy.

Conference Venue

The conference will take place at Villa Doria d'Angri, a most beautiful palace built in 1880 on commission of the Prince Marcantonio Doria. The palace is the expression of the greatest artists and craftsmen of the time and retains much of its former glory. The villa situated in the Posillipo area has recently been restored by the University with the help of the European Union to make it suitable to host international meetings, seminars and cultural events of particular importance.



Submission Information

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: www.witconferences.com/impact2018

Conference Secretariat Irene Moreno Millan imoreno@wessex.ac.uk Wessex Institute Ashurst Lodge, Ashurst Southampton, SO40 7AA, UK

Tel: +44 (0) 238 029 3223 Fax: +44 (0) 238 029 2853



For more information visit: www.witconferences.com/impact2018