

SUSTAINABLE CITY 2022

WIT
CONFERENCES
Call for Papers

**16th International Conference on Urban Regeneration
and Sustainability**

10 – 12 October 2022 | Rome, Italy

Organised by

Wessex Institute, UK
Polytechnic University of Valencia, Spain

Sponsored by

WIT Transactions on Ecology and the Environment
International Journal of Environmental Impacts
International Journal of Transport Development and Integration
International Journal of Energy Production and Management



www.witconferences.com/city2022



The 16th International Conference on Urban Regeneration and Sustainability addresses all aspects of the urban environment and aims to provide solutions leading towards sustainability. The Sustainable City 2022 conference follows a series of very successful meetings that started in Rio (2000), followed by Segovia (2002), Siena (2004), Tallinn (2006), Skiathos (2008), A Coruña (2010), Ancona (2012), Kuala Lumpur (2013), Siena (2014), Medellín (2015), Alicante (2016), Seville (2017), Valencia (2019) and online in 2020 and 2021 due to the COVID-19 pandemic.

Urban areas result in a series of environmental challenges varying from the consumption of natural resources and the subsequent generation of waste and pollution, contributing to the development of social and economic imbalances. According to current trends, the population is concentrating in urban areas that continue to grow all over the world. Old and new problems tend to become more acute and require the development of innovative solutions to create liveable urban areas without endangering our common future.

The task of researchers is to improve the capacity to manage human activities, pursuing welfare and prosperity in the urban environment. Any investigation or planning in a city ought to consider the relationships between the parts and their connections with the living world. The dynamics of its networks (flows of energy-matter, people, goods, information and other resources) are fundamental for an understanding of the evolving nature of today's cities.

Coastal areas and coastal cities will be an important issue at the conference as they have some specific features. Their strategic location facilitates transportation and the development of related activities, but this requires the existence of large ports, with the corresponding increase in maritime and road traffic and all of the inherent negative effects, and can be directly affected by the rise in sea level. This

requires the development of well-planned and managed urban environments, not only for reasons of efficiency and economics but also to avoid inflicting environmental degradation that causes the deterioration of natural resources, quality of life and human health.

Urban agriculture and food sovereignty are crucial issues that have been included in this latest edition of the conference due to their impact on city life. The scale of modern food production has created and exacerbated many vulnerabilities and the feeding of cities is now infinitely more complex. In the last few years, there has been a rapid expansion in initiatives and projects exploring innovative methods and processes for sustainable food production. The majority of these projects are focused on providing alternative models that shift the power back from the global food system to communities and farmers improving social cohesion, health and wellbeing. These initiatives have demonstrated that urban agriculture has the potential to transform our living environment towards ecologically sustainable and healthy cities.

Large cities represent a fertile ground for architects, engineers, city planners, social and political scientists, and other professionals able to conceive new ideas and time them according to technological advances and human requirements. Their works are essential in order to help public policies progress and become more committed to environmental challenges.

The meeting always attracts a substantial number of contributions from participants from different backgrounds and countries. The variety of topics and experiences is one of the main reasons behind the success of the series.

Since 1993 all published papers are archived in the Wessex Institute eLibrary (www.witpress.com/elibrary), where they are easily and permanently available in Open Access format to the international community.

Benefits of Attending

USB Drive

Delegates will receive a USB drive at the conference containing the presented papers.

Publication

Papers presented at Sustainable City 2022 are to be published in a volume of WIT Transactions on Ecology and the Environment (ISSN 1743-3541). The publication will be available in both electronic and hard copy.

Indexing

The WIT Transactions are DOI registered with CrossRef and are currently listed in indexing services such as Scopus and Google Scholar, as well as being submitted to the Web of Science. All conference books are listed in the British Library and American Library of Congress.

Open Access and Digital Archive

All conference papers are archived permanently on our electronic library where they can be downloaded for free. (www.witpress.com/elibrary)

Peer Review

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

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.

Networking

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

Journal Publication Opportunity

After the conference, delegates will be invited to submit an enhanced version of their conference paper to one of the WIT Press International Journals.

Conference Topics

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

Urban strategies

Urban logistics

Urban metabolism

Circular economy

The coastal city and its environments

City/Waterfront interaction

Planning, development and management

Waterfront development

The S3 city: smart, sustainable and safe

Eco-cities, Eco-towns and Eco-villaging

Spatial conflicts in the city

The community and the city

Tourism and the city

Coastal city beaches

Coastal processes

Coastal flooding

Urban transportation and planning

Ports accessibility

Architectural issues

Cultural heritage sites

Urban conservation and regeneration

Environmental management

Waste management

Urban air pollution

Health issues

Water resources

Landscape planning and design

Urbanization of rural areas

Urban and peri-urban agriculture

Sustainable land use

Green infrastructures and sustainable urbanism

City food chains

Urban agriculture and food sovereignty

Sustainable urban drainage

Urban farms

Roof top farms and green roofs

Waste food recovery and recycling

Planning for risk, climate change and natural hazards

Conference Chairmen

Santiago Hernandez

University of A Coruna, Spain
Member of WIT Board of Directors

Jose Luis Miralles i Garcia

Polytechnic University of Valencia, Spain

International Scientific Advisory Committee

Alejandro Acosta Collazo

Autonomous University of Aguascalientes, Mexico

Khadija Benis

c5Lab, Portugal

Colin Booth

University of the West of England, UK

Paul Carrion Mero

ESPOL Polytechnic University, Ecuador

Camilo Cerro

American University of Sharjah, UAE

Lien Kwei Chien

National Taiwan Ocean University, Taiwan

Nelson Cordeiro

CEFET-RJ, Brazil

Carmela Cucuzzella

Concordia University, Canada

Marwan El Mubarak

United Arab Emirates University, UAE

Arturo Vicente Estruch-Guitart

Polytechnic University of Valencia, Spain

Andrew Furman

Ryerson University, Canada

Antonio Galiano Garrigos

University of Alicante, Spain

Eric Gielen

Polytechnic University of Valencia, Spain

Cristina Olga Gociman

Uauim University of Architecture and Urbanism Ion Mincu Bucharest, Romania

Sharmila Jagadisan

VIT Vellore, India

Arzu Kocabas

MSFAU, Turkey

Ting-I Lee

National Chiayi University, Taiwan

Danila Longo

University of Bologna, Italy

Maria Eugenia Lopez Lambas

Polytechnic University of Madrid, Spain

Isabel Madaleno

University of Lisbon, Portugal

Roberto Magini

Sapienza, University of Rome, Italy

Guido Marseglia

University of Seville, Italy

Giuseppe Musolino

Mediterranea University of Reggio Calabria, Italy

Richard Mwaipungu

Sansutwa Simtali Ltd, Tanzania

Bekir Parlak

Bursa Uludag University, Turkey

Cristiana Piccioni

Sapienza University of Rome, Italy

Elena Rada

Insubria University, Italy

Sue Raftery

OnPoint Learning, USA

Jorge Ribeiro

University of Lisbon, Portugal

Rosa Rojas-Caldelas

Autonomous University of Baja California, Mexico

Francesco Russo

University of Reggio Calabria, Italy

Evelia Schettini

University of Bari, Italy

Leticia Serrano-Estrada

University of Alicante, Spain

Maria Valles-Panells

Polytechnic University of Valencia, Spain

Giuliano Vox

University of Bari, Italy

Location

The Italian capital, Rome, boasts an unrivalled 3,000 year heritage of globally influential art, architecture and culture. The city is home to iconic historic landmarks and abounds with world-class museums. Today, Rome is not only a cultural centre, but also a commercial, financial and educational hub that has successfully retained its traditional culture and regional cuisine.

Venue

The conference will take place at the Best Western Plus Hotel Universo. The hotel is only a 5-minute walk from Roma Termini Central Railway Station. This 4-star hotel, has 197 rooms with air-conditioning, satellite tv, mini-bar and free Wi-Fi connection. The hotel also offers a varied array of services such as a fitness centre with sauna, Turkish bath and an area exclusively dedicated to your relax.

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/city2022

Conference Coordinator

Marta Graczyk

marta@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/city2022