

URBAN AND MARITIME TRANSPORT 2021

WIT
CONFERENCES
Call for Papers



**27th International Conference on Urban and Maritime
Transport and the Environment**

16 – 18 June 2021 | Valencia, Spain

Organised by

Wessex Institute, UK

University of Rome "La Sapienza", Italy

Sponsored by

WIT Transactions on the Built Environment

International Journal of Transport Development and Integration



www.witconferences.com/transport2021



The International Conference on Urban Transport and the Environment successfully reconvened for 27 years, always attracting a wide international spread of delegates, well established as the premier event of its type.

Meanwhile, the substantial growth of maritime shipping has resulted in large transported quantities around the world, creating a demand for innovative solutions for ports and fleets, well reflected by the success of the First International Conference on Maritime Transport, held in 2019.

These two apparently parallel topics meet in the transport and environmental management of coastal cities, both being affected positively and negatively by landslide and seaside traffic.

The continuing requirement for better urban transport systems and the need for a healthier environment creates a fertile environment for original ideas, innovative approaches and applications of advanced technologies, their tests and evaluations in practice. Moreover, there is a growing need for integration with IT systems and applications to improve safety and efficiency.

Maritime Transport is highly interconnected with rail, road and air services, as well as inland waterways. Each of these must therefore operate complimentary of one another to maximise efficiency and respond rapidly to variable economic and political contingencies.

The variety of topics covered by the conference reflects the complex interaction of the transport systems with their environment and the need to establish integrated strategies. The aim is to arrive at optimal socio-economic solutions while reducing the negative environmental impacts of transportation systems typically by interdisciplinary approaches. Therefore, the conference will focus on multidisciplinary research and development, as well as operational experiences.

The conference started in Southampton in 1995; continuing in Barcelona (1996); Acquasparta, Italy (1997); Lisbon (1998); Rhodes (1999); Cambridge, UK (2000); Lemnos, Greece (2001); Seville (2002); Crete (2003); Dresden (2004); Algarve (2005); WIT Campus in the New Forest (2006); Coimbra (2007); Malta (2008); Bologna (2009); Limassol (2010); Pisa (2011), A Coruña (2012), Kos (2013), Algarve (2014), Valencia (2015), Crete (2016), Rome (2017), Seville (2018), Aveiro (2019) and Bilbao (2020).

All papers are included in the WIT Transactions and archived in the Wessex Institute eLibrary at <https://www.witpress.com/elibrary>, where they are permanently and easily available to the international community.

Location

Situated on the eastern coast of Spain, Valencia is the third largest city and has one of the biggest ports on the Mediterranean, famous for having recently hosted the America's Cup. A large historic city centre makes Valencia a popular tourist destination with many ancient monuments, museums and sights of interest. Traditionally, visitors have been drawn to the region for its food, with "Paella" having originated from the city. In recent years, the city has seen an increase in tourism due to "The City of Arts and Sciences", project designed by Valencia's own Santiago Calatrava. The structure houses an IMAX cinema, Europe's largest aquarium, interactive educational exhibits in the Príncipe Felipe Science Museum and the avantgarde Opera House.

Venue

The Hotel Valencia Oceanic is situated near the centre of Valencia. Only a short distance from the City of Arts and Sciences, the harbour and downtown, the hotel is close to most that the city has to offer. With 200 rooms all with highspeed internet access, a 24 hour fitness centre, pool, sauna, bar and restaurant, the hotel has all the amenities guests may require.



Benefits of Attending

USB Drive

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

Publication

Papers presented at Urban and Maritime Transport 2021 are to be published in a Volume of WIT Transactions on the Built Environment (ISSN 1743-3509). 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.

Traffic planning, control and management
Urban and marine policy and governance
Mobility and public spaces in smart cities
Logistics and urban freight distribution
Freight handling and transport
Positioning, route planning and monitoring and fleets management
Public transport systems planning
Urban vehicle technology
Naval technology
Pollution and the protection of the marine environment
Socio-economic implications and impacts
Guided transport systems
Ports and inland waterborne operation
Impacts on land and coastal use
Intermodal and multimodal transport systems
Innovative electric transportation
Land and marine GIS
Meteorology and oceanography issues
Reliability, availability and maintainability
Safety, security and risk analysis
Accident analysis and investigations
Innovative and renewable energy sources, infrastructures and fleets
Effects of human behaviour on demand and operation
Transport system modelling and simulation
Ro-Ro, Ro-Pax and cruise shipping
Containers and bulk shipping
International standards and regulations
Transportation infrastructure development
Intelligent and advanced transport systems
Education and training initiatives
History of cities and navigation
Case studies

Conference Chairmen

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Thierry Vanelslander

University of Antwerp, Belgium

Evgeny Veremey

Saint Petersburg State University, Russia

Antonino Vitetta

University Mediterranea of Reggio Calabria, Italy

Adam Weintritt

Gdynia Maritime University, Poland

Giuseppe Zappala

National Research Council, Italy

Alexei Zhabko

Saint-Petersburg State University, Russia

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/transport2021

Conference Secretariat

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