

# Sustainable Transport Infrastructures

## INTERNATIONAL CONFERENCE

**16:30 pm - December 13th, 2021**

Faculty of Engineering, University of Cagliari  
via Marengo, 2

PROMOTED BY



Transport Infrastructures Group  
of the University of Cagliari




Professional association  
of Geologists of Sardinia



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The challenge that professionals, companies and public administrations of our country will have to face has few precedents: implementing the transport infrastructures already planned, those provided in the PNRR (National Resilience and Restart Plan) and the new EU 2021-2027 program. No less than 100 billion euros will be available for roads, railways, ports and airports.

How to make them? With what methods, what resources, what manufacturing technologies? And, above all, with what professionalism?

How will transport infrastructure projects, mostly developed with traditional approaches, be able to adapt and include innovative green technologies and the circular economy?

Scientific research in the "Roads, Railways and Airports" sector has been focusing on these issues for decades and the conference, promoted by the University of Cagliari and ASIT (Italian Association Transport Infrastructures).

The Conference addresses some international points of view on scientific research, on the best practices of analysis, design and construction. Sardinia is an ideal laboratory for experimenting, developing and promoting innovative green solutions for the infrastructures of the future.

Many transport infrastructures are being built on the island and due to its specificity and concentration of alternative materials it will become a place to experiment and disseminate good practices of circular economy and sustainability.

# Programme

16:30 / 16:45 ATTENDEES REGISTRATION

16:45 / 17:00 INTRODUCTION

## Welcome greetings

**Prof. Giorgio Massacci** DICAAR Director University of Cagliari

## Innovation and Scientific Research in the Italian Transport Infrastructures

**Prof. Massimo Losa** President ASIT  
Scientific Association of Transport Infrastructures  
Professor of Roads, Railways and Airports, University of Pisa

## The Case Of Sardinia. Italian Laboratory For Green Pavement

**Prof. Mauro Coni** ASIT - Professor of Roads, Railways and Airports  
University of Cagliari

**Dr Gianluca Cocco** Director General of the Department of Environmental  
Protection, Sustainability, Strategic Evaluation  
Regional Sardinia Administration

**Dr Paolo Mereu** Roads Manager of the Metropolitan Cagliari Administration

**Dr Silvia Portas** Deputy Infrastructures Design  
SOGAER Cagliari International Airport

## South Africa Sustainability Perspective

**Prof. Cristina Trois** Full Professor in Environmental Engineering  
South African Research Chair in Waste and Climate Change  
at University of KwaZulu-Natal  
Head of School of Civil Engineering, Survey and Construction

17:45 / 19:00 KEYNOTE SPEECH

## Sustainable Transport Infrastructures: Materials and Procedures

**Prof. Imad Al-Qadi Bliss** Professor of Engineering  
Director of the Advanced Transportation  
Research and Engineering Laboratory (ATREL)  
the Illinois Center for Transportation (ICT)  
and the Smart Transportation Infrastructure Initiative (STII)  
at the University of Illinois at Urbana-Champaign (UIUC)

19:00 / 19:30 ROUND TABLE AND DISCUSSION

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## SCIENTIFIC AND ORGANIZING COMMITTEE

**Prof.ing. Mauro Coni**

**Prof.ing. Francesco Pinna**

**Prof.ing. Francesca Maltinti**

**Dott.ing. Silvia Portas**

**Dott.ing. Nicoletta Rassu**

**Dott.ing. James Rombi**

**Dott.ing. Marta Salis**

**Dott.geol. Marco Olianas**

**Dott.ing. Andrea Serpi**

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## HOW TO PARTICIPATE

The event will be held in the Aula Magna of the Faculty of Engineering and Architecture (Via Marengo, 2).

The Conference will take place in hybrid mode, in person and online: it will be possible to connect and participate in the event [\[link here\]](#)

**Free entry subject to availability**

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## CREDITS

Participants, engineers and geologists, will be awarded 2 professional credits.

To participate, please register on the OIC website

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## COVID

The event will take place according to the provisions and guidelines in force for the fight against the Covid-19 pandemic. Access will be only allowed to people with Digital Covid Certificate (GreenPass).

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## ORGANIZING SECRETARIAT



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