



**CITTA 10TH ANNUAL CONFERENCE
ON PLANNING RESEARCH**

CITTA RESEARCH CENTRE FOR TERRITORY, TRANSPORTS AND ENVIRONMENT
12 MAY 2017 FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO

**PLANNING FOR CLIMATE CHANGE
POLITICAL CLIMATE AND POLICY CHANGES**

PROGRAMME

CITTA 10th Annual Conference | Programme at glance

09h00-09h30 **Welcome Reception**

09h30-10h45 **Plenary session**

Abertura – Opening Address

João Pedro Matos Fernandes, Portuguese Minister for the Environment

O Acordo de Paris sobre alterações climáticas e o novo Governo dos EUA

Filipe Duarte Santos, Full Professor at Faculdade de Ciências da Universidade de Lisboa

10h45-11h15 **Coffee-break**

11h15-12h30 **Parallel Sessions**

Climate Change and Territorial Efficiency

Urban metabolism and planning: existing gaps and future research

Ruben Fernandes, Paulo Pinho

A novel decision-support tool for evaluating the impact of urban form on energy demand

Mafalda Silva, Vítor Leal, Vítor Oliveira, Isabel Horta

Sources of changes in local GHG emissions from energy:

A decomposition analysis per policy level

Isabel Azevedo, Vítor Leal

Energy payback time and CO₂ mitigation potential of energy efficient appliances in India: an EIO-LCA based approach

Vivek Kumar Singh, Carla Oliveira Henriques, António Gomes Martins

Challenges for territorial planning: climate change at the local scale

Marta Marques, Paulo Batista, Giorgia Bressan, Eduardo Castro

Climate Change and Multilevel Governance

The challenge of integrating Metabolic Impact Assessment into Strategic Environmental Assessment

Luísa Mendes Batista, Paulo Pinho

Participatory policy making for Climate Change issues

- a local approach to a global problem

Jose Luis Gonzalez, Fernando Brandão-Alves

The role of the Regions in the articulation of multilevel climate strategy:

ClimAdaPT. Local an example of integration political and academic involvement

Manuela Moreira

The governmentality of urban land in tropical climates:

addressing the root causes of socioecological conflict

José Mendes Ribeiro Barbedo

Feeding the world on a climate change context:

time for relocalizing agrofood systems

Sara Rocha, Cristina Albuquerque

Climate Change and Transport Planning

Challenges for Accessibility Planning and Research in the context of Sustainable Mobility

Cecília Silva

Accessibility in Portuguese municipal plans

Ana Amante, Cecília Silva, Paulo Pinho

Promoting sustainable mobility behaviors: the case of FEUP' students

Catarina Cadima, Cecília Silva, Paulo Pinho

Bike sharing environmental impacts

Inês Frade, Anabela Ribeiro

Optimization-based study on park-and-ride facility location for a midsize city

Joana Cavadas, António Pais Antunes

Climate Change and Urban Infrastructuring

Avaliação do Ambiente Sonoro da Cidade do Porto

Ana Filipa dos Santos Silva, Cecília Rocha

Simulation of WIM Data Using Vehicle Simulation (TRUCKSIM®)

Mariana Girão, Arminda Almeida

Microsimulation-based evaluation of a 30 km/h zone in Viseu

Carina Fernandes Chaves, Luís Vasconcelos

Geometric design consistency model for two-lane highways based on operating speed profiles

Raul Almeida, Luís Vasconcelos, Ana Bastos Silva

Application of ANN in Pavement Engineering

Miguel Abambres, Adelino Ferreira

12h30-14h00

Lunch

14h00-15h15

Parallel Sessions

Climate Change and Territorial Efficiency

Understanding the structure of the urban landscape: the contribution of J.W.R. Whitehand

Vitor Oliveira

The integration of different morphological approaches to inform planning practice

Cláudia Monteiro, Paulo Pinho

Measuring and classifying urban forms - an unsupervised approach

Miguel Serra

The publicness of urban spaces: planning for urban change

Miguel Nogueira Lopes, Sara Santos Cruz, Paulo Pinho

Built Heritage Assessment and Urban Rehabilitation Flexible Criteria

Cílisia Ornelas

Climate Change and Multilevel Governance

Urban Policy-making as Policy Assemblage

Tatiane Serrano, Isabel Breda-Vázquez

Local planning attitudes: comparative content analysis of Municipal Master Plans of Portuguese shrinking cities

Silvia Sousa

Collaborative Backcasting for Transport Policy Scenario Building

Julio A. Soria-Lara, David Banister

Funding of urban development: the case of tourism

Emília Malcata Rebelo

Why a new Conservation Unit in the territory of Suape/PE/Brazil?
Filipa Malafaya-Baptista

Climate Change and Transport Planning

School Mobility Management Case Study: German
College of Porto (Deutsche Schule zu Porto)
João Filipe Teixeira, Cecília Silva, João Valente Neves

Mitigation of Greenhouse Gas Emissions from Urban Transport
Daniela Dias, Oxana Tchepele

Speed Humps – Evaluation of Their Implications in Climate Changes
João Pedro Silva

Air transport impacts on local air quality: a study for SW Europe
Susana Freiria, António Pais Antunes

Optimal location of firefighting aircrafts for wildfire initial attack
João A. Zeferino, Ricardo J. Rosa

Climate Change and Urban Infrastructuring

Citizen Sensing – Urban Climate Resilience through
Participatory Risk Management Systems
Sara Santos Cruz

Municipal Adaptation and Mitigation for Climate Change: Covenant of Mayors,
an example of municipal excellence in the Northern Region of Portugal
Manuela Moreira

Eastern and Central Asprela Parks, Porto – Portugal: a new green
infrastructure to mitigate climate change in the urban context
Paulo Farinha Marques, José Miguel Lameiras

Landscape as an urban infrastructure. Alpine cities
as a case study for flood risk mitigation
Giulia Boller

Planning for Adaptation: Synergies of Urban Planning
and Climate Change. Mumbai Case Study
Gonçalo Martins

15h15-15h45 Coffee-break

15h45-17h30 Plenary Session

Urban Governance and the Politics of Climate Change

Vanesa Castan Broto, Senior Lecturer at Bartlett Development
and Planning Unit, University College of London

ClimAdaPT Roundtable

Câmara Municipal de Amarante
Câmara Municipal de Guimarães
Câmara Municipal de Ílhavo
Câmara Municipal do Porto
Câmara Municipal de Viana do Castelo

Closing Session

Paulo Pinho, Director of CITTA