

# **CITIES AND CLIMATE CHANGE**

## **PROGRAMME**

International Conference  
Lisbon – Portugal

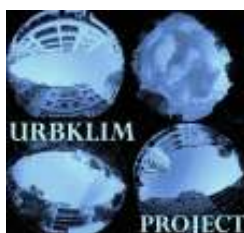
15 - 16 May 2008

Centre of Geographical Studies  
University of Lisbon

### **Organization Committee:**

Maria João Alcoforado  
Henrique Andrade  
Marcelo Fragoso  
António Lopes  
Carla Mora  
Sandra Oliveira  
João Ribeiro  
Alice Pena  
Ana Rita Sobral  
António Pereira  
Beatriz Anjos  
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UrbKlim Project (POCI/GEO/61148/2004)  
Financed by FCT and by FEDER  
(Operational Programme for Science and Innovation 2010)



Translation and revision of abstracts:  
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## PROGRAMME

### 1<sup>st</sup> day - 15 May 2008

#### 09h Reception of participants

**09h30 Opening session** – Professor Doutor Álvaro Pina, President of Conselho Directivo of the Faculdade de Letras of Lisbon; Professor Doutor Diogo de Abreu, Director of the Centre of Geographical Studies; Professora Doutora Maria João Alcoforado, Organization Committee.

**Maria João Alcoforado** (CEG, UL) – The Urbklm Project. Climate and urban sustainability: perception of comfort and climatic risks in Lisbon.

#### 10h 15 Session I – Determining thresholds of mechanical comfort applied to Portugal

**Moderator:** Henrique Andrade (CEG)

**Sandra Oliveira** (CEG, UL) – Methodology for the evaluation of the thermal and mechanical comfort thresholds from tests in wind tunnels

**António Lopes** (CEG, UL) – Comfort thresholds obtained from wind-tunnel experiments. First results.

#### 11h Coffee-break and poster session

#### 11h30 Session II – Perception of bioclimatic comfort in outdoor public spaces of Lisbon

**Moderator:** Jorge Saraiva (LNEC)

**Henrique Andrade** (CEG, UL) - Weather perception and bioclimatic comfort in the use of outdoor public spaces, in Lisbon - methods and main results

**Sandra Oliveira** (CEG, UL) – Microclimatic conditions of two green spaces in Lisbon and preferences of usage

**Margarida Queirós** (CEG, UL) - Qualifying public space in urban environment, a profile of the users and improvement in the quality of life

**Sílvia Pelham** (FA-UTL) – Climate and Urban Design

**Henrique Andrade** (CEG, UL) - The comparison of thermal sensation and preference for outdoor occupants in Lisbon and Central Taiwan

#### 13h15 Lunch-break

**14h30 Session III – Risks associated with strong winds and pollution in Lisbon**

**Moderator:** Carlos Neto (CEG, UL)

**Jorge Saraiva** (LNEC) - Urban pollution: road tunnels

**Ana Luísa Soares** (ISA, UTL) - Urban tree value assessment

**Sandra Oliveira** (CEG, UL) - Strong wind and falls of trees, boughs and branches in Lisbon: proposal for an evaluation method

**António Lopes** (CEG, UL) - Strong wind and fall of trees in Lisbon. Risk assessment and first results

**Marcelo Fragoso** (CEG, UL) – The atmospheric environment associated with the occurrence of windstorms in Lisbon: Using the radiosondes and the evaluation of instability conditions (2000-2005)

**16h15** Coffee-break and poster session

**16h45 - Conference**

**Andreas Matzarakis** (Meteorological Institute of the University of Freiburg): Climate and Tourism – Implications and Perspectives.

**2<sup>nd</sup> day - 16 May 2008**

**9h30 Session IV – Regional and Local Climate Change**

**Moderator:** João Corte-Real (University of Évora).

**Ricardo Trigo** (IGDL, UL) – The impact of extreme temperature events in Portugal:  
learning from observations and climate change scenarios

**Andreas Matzarakis** (M.I, Universidade de Freiburg, Alemanha) –Future perspectives of  
urban climate – A challenge for urban planning

**10h30** Coffee-break and poster session

**11h Session V - Climate change and environment in urban areas**

**Moderator:** Luísa Schmidt (ICS, UL)

**M. João Alcoforado** (CEG, UL) – Urban climate and climate change

**Magda Lombardo** (UNESP, Brasil) - The use of geotechnologies for climate change  
analysis in S. Paulo metropolitan Area (Brazil)

**Cecília Sérgio** (Botanical Garden, National Museum of Natural History, University of  
Lisbon, CBA - Centre of Environmental Biology) - Is it possible to evaluate local and  
temporal climate change in Europe, based on bryophytes?

**Helena Nogueira** (FL, UC) - Urbanity, sustainability, health: an evident and persistent  
relation

**12h30** Lunch-break

**14h30 Session VI – Mitigation and adaptation to climatic variations – the role of urban  
planning**

**Moderator:** Margarida Queirós (CEG, UL)

**Vitor Campos** – Director of DGOTDU

**Paula Cadima** (FAUTL) - Urban Design and Bioclimatic Strategies

**Maria da Graça Saraiva** (FAUTL, CESUT/UTL) – Flood risks and management in urban  
areas in urban areas

**Marta J. N. Oliveira Panão** (EnerOne) - Thermal performance of the buildings in the city:  
physics of buildings and urban climate

**16h00** Coffee-break and poster session

**16h30 Conference**

**Jorge Gaspar** (CEG, UL) – Cities and global changes