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
Paulo Canário

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Translation and revision of abstracts:
Ana Sutcliffe and Sandra Oliveira
PROGRAMME

1st 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 Urbklim Project. Climate and urban sustainability: perception of comfort and climatic risks in Lisbon.

10h15 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
 Andrea Matzarakis (Meteorological Institute of the University of Freiburg): Climate and Tourism – Implications and Perspectives.
2nd 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