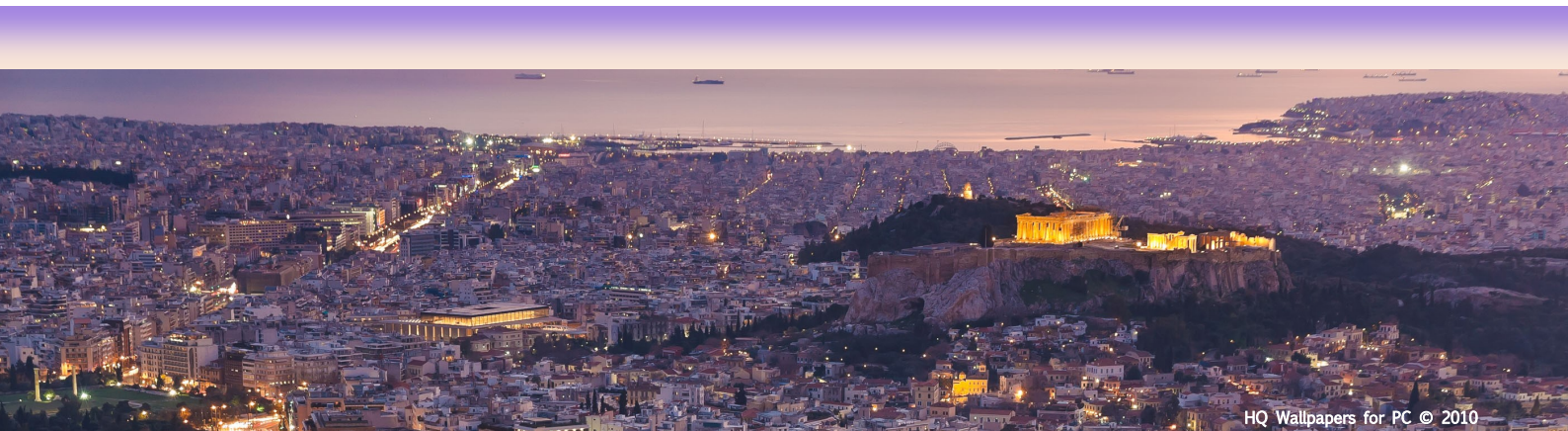




Adaptation Strategies to Global Environmental Change in the Mediterranean City and the Role of Global Earth Observations

PROGRAM AGENDA



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10-11 June 2014
Divani Caravel Hotel
Athens, Greece



Program Agenda

Tuesday 10 June

- 08:00-08:45 Registration and Scientific Poster Presentations Open
- 08:45-09:30 **Conference Opening**
Chair: Christos Vasilakos, *GSRT*
- Address by Kyriakos Mitsotakis [pdf](#)
Minister of Administrative Reform and e-Governance
- Address by Christos Vasilakos
Secretary General for Research and Technology
- Address by Kurt Vandenberghe
EC RTD.I, Director for Climate Action and Resource Efficiency
- Conference Opening Keynote**
From the City-State to the Polluted City in the Mediterranean [pdf](#)
Christos Zerefos, *President International Ozone Commission & Academy of Athens*
- WMO Professor Mariolopoulos Trust Fund Award**
Deon Terblanche, *Director Atmospheric Research and Environment Branch, World Meteorological Organisation*
- The Mediterranean City 2014 Conference Welcome** [pdf](#)
Elena Xoplaki, *Justus-Liebig University Giessen*
- Session 1**
- 09:30-09:50 **Climate Change Impacts and Adaptation Challenges in the Mediterranean City**
Chair: Elena Xoplaki, *Justus-Liebig University of Giessen*
- 09:30-09:50 **Climate Change 2013: The Physical Science Basis Key findings IPCC WGI AR5**
Thomas Stocker, *University of Bern, IPCC WGI AR5* [pdf](#)
- 09:50-10:10 **Sea Level Rise Impacts: the Case of the Nile Delta** [pdf](#)
Representative of the *Bibliotheca Alexandrina*
- 10:10-10:30 **Climate Services for the Mediterranean Cities** [pdf](#)
Paolo Ruti, *ENEA Research Agency*
- 10:30-10:50 **Facing the Challenge - How Cities Adapt to Climate Change** [pdf](#)
Wolfgang Teubner, *ICLEI European Secretariat*
- 10:50-11:20 **Coffee break & Poster Session**
- Session 2**
- 11:20-11:40 **Climate Change Adaptation: The International Dimension**
Chair: Evangelos Gerasopoulos, *National Observatory of Athens*
- 11:20-11:40 **WMO Initiatives Related to Weather, Climate, Water and Related Environmental Services in the Urban Environment** [pdf](#)
Deon Terblanche, *Atmospheric Research and Environment Branch, World Meteorological Organisation*
- 11:40-12:00 **The EU Adaptation Strategy and its Urban Dimension** [pdf](#)
Alexander Ferstl, *EC DG Climate Action, Adaptation Unit*

Program Agenda

Tuesday 10 June

- 12:00-12:20 **Health in Urban Adaptation Strategies to Climate Changes Necessitates Implementing "Green cities" pdf**
Luc Hens, Vlaamse Instelling voor Technologisch Onderzoek
- 12:20-12:40 **Local Leadership for Health and Sustainable Development: the WHO Healthy Cities and Health 2020 approach**
Agis Tsouros, World Health Organisation, Regional Office for Europe
- 12:40-14:00 **Lunch**
- 14:00-16:30 **Concurrent Break Out Sessions I-III
Adaptation Challenges, Adaptation Strategies in the Mediterranean City**
- 16:30-17:00 **Coffee break & Poster Session**
- 17:00-18:00 **Panel discussion
"Adaptation Challenges, Adaptation Strategies in the Mediterranean City"**
Moderator: Christos Zerefos, *Academy of Athens*
Panellists: Jack Sahl, *UCLA Fielding School of Human Health*
Jan Semenza, *European Centre for Disease Control and Prevention*
Deon Terblanche, *World Meteorological Organisation*
Wolfgang Teubner, *ICLEI European Secretariat*
Michael Tsimplis, *University of Southampton*
- 20:00 **Gala Dinner**
by invitation only

Program Agenda

Tuesday 10 June - Break Out Sessions

<p>Break Out Session I (Vergina room) Mediterranean Societies <i>Human Health & Governance</i></p> <p>Conveners Eva Banos de Guisasola, <i>CMCC</i> Jan C. Semenza, <i>ECDC</i></p> <p>Interventions Shlomit Paz, <i>University of Haifa</i> Climate Change and Health in Mediterranean Cities – Policy Recommendations for Extreme Weather Events pdf Jan C. Semenza, <i>ECDC</i> Urban Interventions to Advance Community Resilience to Climate Variability and Climate Change pdf Polyxeni Nikolopoulou-Stamati, <i>University of Athens</i> Is Existing Worldwide Capacity Building for Decision Making Sufficient for a Good Life Quality? pdf Wolfgang Teubner, <i>ICLEI European Secretariat</i> What Can Cities do to Adapt in the Most Efficient Way? Luc Hens, <i>VITO</i> Priorities in Addressing Climate Change and Health pdf Alexander Ferstl, <i>EC DG Climate Action</i> Mayors Adapt: Promoting local leadership in adaptation to climate change pdf Eva Banos de Guisasola, <i>CMCC</i> An Opportunity to Improve Collaborations and Knowledge: Example of the European Climate Service Partnership pdf</p> <p>Panel Discussion Moderator: Jan C. Semenza, <i>ECDC</i> Panellists: Luc Hens, <i>VITO</i> Polyxeni Nikolopoulou-Stamati, <i>University of Athens</i> Shlomit Paz, <i>University of Haifa</i> Wolfgang Teubner, <i>ICLEI European Secretariat</i></p>	<p>Break out Session II (Ilissos room) Urban & Regional Planning <i>Biodiversity & Open Space, Coastal Areas & Marine Environment, the Built Environment</i></p> <p>Convener Barbara Norman, <i>University of Canberra</i></p> <p>Interventions Barbara Norman, <i>University of Canberra</i> Innovative Urban and Coastal Collaborations in the Australian Region pdf Stelios Zerefos, <i>Hellenic Open University</i> Integrating UHI Mitigation Techniques in Mediterranean Cities pdf Michael Tsimplis, <i>University of Southampton</i> Changes in Marine Extremes: Impacts and Adaptation pdf Margarita Arianoutsou, <i>University of Athens</i> Impacts of Climate Change on Mediterranean Biodiversity and Challenges of Adaptation pdf Xavier Amat, <i>Barcelona City Council</i> Satellite-based Monitoring Service for Coastal Water Quality in Barcelona pdf</p> <p>Panel Discussion Moderator: Barbara Norman, <i>University of Canberra</i> Panellists: Mike Antos, <i>Council for Watershed Health</i> Margarita Arianoutsou, <i>University of Athens</i> Xavier Amat, <i>Barcelona City Council</i> Vasileios Lykousis, <i>Hellenic Centre for Marine Research</i> Michael Tsimplis, <i>University of Southampton</i> Stelios Zerefos, <i>Hellenic Open University</i></p>	<p>Break out Session III (Florina room) Water, Energy & Key Infrastructures</p> <p>Conveners Jack Sahl, <i>UCLA Fielding School of Public Health</i> Michael Scoullos, <i>University of Athens</i></p> <p>Interventions Francois Brikke, <i>Global Water Partnership</i> Integrated Urban Water Resources Management: Lessons Learned and Ways Forward pdf Ana Iglesias, <i>Technical University of Madrid</i> Water in Madrid in a hotter and dryer climate pdf Michael Scoullos, <i>University of Athens</i> The Re-Think Athens Project pdf Silvia Rivas, <i>EC Joint Research Centre</i> Covenant of Mayors Initiative: Transition to an Energy Efficient Low Carbon Future pdf Jack Sahl, <i>UCLA Fielding School of Public Health</i> California's Preferred Energy Sources: Mitigation & Adaptation pdf</p> <p>Panel Discussion Moving Forward – Challenges & Opportunities Moderator: Nancy Steele, <i>Council for Watershed Health</i> Panellists: Francois Brikke, <i>Global Water Partnership</i> Ana Iglesias, <i>Technical University of Madrid</i> Silvia Rivas, <i>EC Joint Research Centre</i> Jack Sahl, <i>UCLA</i> Michael Scoullos, <i>University of Athens</i></p>
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Program Agenda

Wednesday 11 June

- Session 3** **Earth Observation Supporting Climate Adaptation for Mediterranean Cities**
Chair: Kurt Vandenberghe, *EC RTD.I, Climate Action and Resource Efficiency*
- 08:50-09:10 **Introduction by EC GEO Co-chair**
Kurt Vandenberghe, *EC RTD.I, Climate Action and Resource Efficiency*
- 09:10-09:30 **Key Findings of the IPCC WGII AR5, with a Focus on the Mediterranean and its Natural and Built Environments pdf**
José M. Moreno, *University of Castilla-La Mancha, IPCC WGII AR5*
- 09:30-09:50 **EO System and Datasets in GEO GEOSS Including Citizen Observatories pdf**
Alessandro Annoni, *European Commission, Joint Research Centre*
- 09:50-10:10 **Essential Climate Variables from Space - Relevance for Mediterranean Zones**
Mark Doherty, *Exploitation and Services Division, ESA pdf*
- 10:10-10:30 **Copernicus Services Supporting the Development of Adaptation Strategies and Monitoring of Mediterranean Cities pdf**
Silvo Zlebir, *European Commission, DG Enterprise*
- 10:30-11:00 **Coffee break & Poster Session**
- 11:00-11:20 **Generating Indicators for a Better Management of Urban Development pdf**
Teodora Brandmüller, *ESTAT*
- 11:20-11:40 **Observing the Built Environment from Space - Global Monitoring of Human Settlement Patterns and Characteristics pdf**
Thomas Esch, *Urban Areas and Land Management, DLR*
- 11:40-12:40 **Roundtable**
"EO and Adaptation to Climate Change in Urban Areas: Benefits, Costs, Bottlenecks"
Moderator: Alexia Massacand, *GEO Secretariat*
Panellists: Laure Lepastier, *Eurisy*
Barbara Norman, *University of Canberra*
Petros Patias, *Aristotle University of Thessaloniki*
Paolo Ruti, *ENEA Research Agency*
- 12:40-14:00 **Lunch**

Program Agenda

Wednesday 11 June

- 14:00-16:30 **Concurrent Break Out Sessions IV-V**
A Strengthened Role for Earth Observation in the Governance of Cities
- 16:30-17:00 **Coffee break & Poster Session**
- 17:00-18:00 **Panel discussion**
"Adaptation in Mediterranean Cities & Earth Observation: the Way Forward"
Moderators: Vangelis Constantianos, *Global Water Partnership - Mediterranean*
Athanasios Fokas, *University of Cambridge & Academy of Athens*
- Panellists:** Stephen Briggs, *ESA*
Haris Kokkosis, *Ministry for Tourism*
Gilles Ollier, *EC DG RTD.I, Earth Observation Sector*
Michael Scoullou, *University of Athens*
Christos Zerefos, *Academy of Athens*
- 18:00 **Conference Conclusions pdf**
Elena Xoplaki, *Justus-Liebig University Giessen*

Program Agenda

Wednesday 11 June - Break Out Sessions

<p>Break Out Session IV (Ilissos room) GEO and GEOSS - Towards a Reinforced European Approach Through 2025</p> <p>Convener European Commission, DG RTD.I4 - Earth Observation Sector</p> <p>Chair Kurt Vandenberghe, <i>EC RTD.I, Climate Action and Resource Efficiency</i></p> <p>Organiser Michel Schouppe, <i>EC RTD.I4, Earth Observation Sector</i></p> <p>Interventions Kurt Vandenberghe, <i>EC RTD.I, Climate Action and Resource Efficiency</i> Welcome Introduction Michel Schouppe, <i>EC RTD.I4, Earth Observation Sector</i> GEO-GEOSS achievements, prospects and strategic issues of direct relevance to EU policies pdf Alan Edwards, <i>GEOSS Implementation Plan Working Group pdf</i> Towards a new GEOSS 10-Year Implementation Plan Gilles Ollier, <i>EC RTD.I4, Earth Observation Sector</i> Key Points for the GEOSS Implementation Post-2015 from the Commission Perspective</p> <p>Workgroups Discussion Michel Schouppe, <i>EC RTD.I4, Earth Observation Sector</i> Introduction to the Discussion Tables Facilitators: Silvo Zlebir, <i>EC DG ENTR, Copernicus services</i> Gilles Ollier, <i>EC RTD.I4, Earth Observation Sector</i> Stuart Marsh, <i>The University of Nottingham</i> Alessandro Annoni, <i>EC JRC</i></p> <p>Workgroups Presentation & Plenary Discussion Moderator: Stuart Marsh, <i>The University of Nottingham</i> Kurt Vandenberghe, <i>EC RTD.I, Climate Action and Resource Efficiency</i> Concluding Remarks</p>	<p>Break out Session V (Vergina room) User Requirements for Earth Observations for Climate Adaptation in Mediterranean Cities</p> <p>Conveners Mark Doherty, <i>ESA</i> Dimitris Balis, <i>Aristotle University of Thessaloniki</i></p> <p>Interventions Chris T. Kiranoudis, <i>National Technical University of Athens</i> Space-derived Real-time Monitoring of the Thermal Environment of Mediterranean Cities pdf Thilo Erbertseder, <i>DLR</i> The Role of Earth Observation in Urban Air Quality Monitoring and Forecasting pdf Ronald van der A, <i>KNMI</i> Emission Estimates from Space Observations pdf Nektarios Chrysoulakis, <i>FORTH</i> Earth Observation for Urban Planning: The GEOURBAN Project pdf Johanna Granda, <i>Altamira</i> EO, Land Motion and Climate Adaptation in Mediterranean Cities pdf Constantinos Cartalis, <i>University of Athens</i> Earth Observation as a Tool for Improving Climate Quality in Mediterranean Cities pdf</p> <p>Panel Discussion Moderator: Mark Doherty, <i>ESA</i> Panellists: Chris T. Kiranoudis, <i>National Technical University of Athens</i> Thilo Erbertseder, <i>DLR</i> Ronald van der A, <i>KNMI</i> Nektarios Chrysoulakis, <i>FORTH</i> Johanna Granda, <i>Altamira</i> Constantinos Cartalis, <i>University of Athens</i></p>
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Global Environmental Change in the Mediterranean City
and the Role of Global Earth Observations**

**10-11 June 2014
Athens, Greece**

PROGRAM AGENDA

<http://www.mariolopoulosfoundation.gr/medcity2014>

The conference is a Greek EU Presidency 2014 event under the auspices of the General Secretariat for Research & Technology (GSRT). It is organised by the European Commission, Eurisy, the Mediterranean City Climate Change Consortium (MC-4), the Mariolopoulos - Kanaginis Foundation for the Environmental Sciences, the Research Centre for Climatology and Atmospheric Physics, Academy of Athens and the Justus-Liebig University of Giessen.

