

8/11/2011 TUESDAY

# PROGRAMME

Chairing Committee:

Zacharias Scouras and Despoina Vokou

09:30–10:00 **OPENING AND WELCOME**  
**A. Climate Change & Environmental Economy in Coastal Zone**

10:00–10:30 **Arete Kontogianni and Michalis S. Skourtos**  
*Assistant Professor and Professor, University of Aegean, Faculty of the Environment, Mytilini, Greece*  
**Climate economics and the coast:  
Impacts assessment of accelerated sea level rise**

10:30–11:00 **Eftichios Sartzetakis**  
*Associate Professor, Department of Economics, University of Macedonia, Greece*  
**Climate Change as Environmental and Economic Hazard**

11:00–11:30 **COFFEE BREAK**  
**B. Climate Change and Biological Sciences-The importance  
of molecular biology and ecophysiology in 21<sup>st</sup> century in  
assessment of environmental risk in Coastal Zone**

11:30–12:00 **Hans O. Pörtner**  
*Professor, Alfred-Wegener-Institut für Polar-und Meeresforschung, Integrative Ökophysiologie,  
Bremerhaven, Germany*  
**Environmental Physiology-Perspective for Predicting  
the Effects of Climate Change on marine stocks-Tools  
for Management and Policy Making**

12:00–12:30 **Lars Tomanek**  
*Associate Professor, Environmental Proteomics Laboratory Center for Coastal Marine Sciences,  
California Polytechnic State University San Luis Obispo, USA*  
**Global Warming and the use of proteomics and genomics  
in the assessment of environmental risk**

12:30–13:00 **Inna Sokolova**  
*Professor, Vice-Chair for Research UNC Charlotte, Department of Biology, 9201 University City Blvd.,  
Charlotte, NC 28223*  
**Synergistic effects of Climate Change drivers-The Effects  
of Pollution and Global Warming on the Marine Organisms**

13:00–13:30 **Christos Ouzounis**  
*Principal Investigator, CERTH Thessalonica, Greece & Visiting Professor, The Terrence Donnelly Centre  
for Cellular and Biomolecular Research (CCBR), University of Toronto, Canada*  
**Perspective: Systems biology approaches for stress response  
and climate change**

9/11/2011 WEDNESDAY

**Monitoring the Changes in the Coastal Zone  
Oceanographic and Climatological tools  
Climate Models for future climate projections**

Chairing Committee:

Chariton C. Chintiroglou and Theodore Karacostas

10:00–10:30 **Yannis N. Krestenitis**  
*Professor, School of Civil Engineering, Aristotle University of Thessaloniki, Greece*  
**The System Approach Framework (SAF) protocol  
for the Integrated Coastal Zone Management (ICZM)**

10:30–11:00 **Argyro Zenetos**  
*Research Director Hellenic Centre for Marine Research, Anavyssos Attiki, Greece*  
**Invasive species-Indications for global warming?**

11:00–11:30 **Thomas Alexandridis, Charalampos Topaloglou,  
Styliani Monachou, and George Tsakoumis**  
*Postdoctoral Researchers, Laboratory of Remote Sensing and GIS, School of Agriculture,  
Aristotle University of Thessaloniki, Greece*  
**Remote sensing & GIS applications in coastal zone monitoring**

11:30–12:00 **COFFEE BREAK**

12:00–12:30 **Stavros Vougioukas**  
*Assistant Professor, School of Agriculture, Aristotle University of Thessaloniki, Greece*  
**The role of robotics in multi-level monitoring  
of coastal environments**

12:30–13:00 **Prodromos Zanis**  
*Assistant Professor, Department of Meteorology and Climatology, Aristotle University of Thessaloniki, Greece*  
**The use of Regional Climate Models for Climate Change  
studies at coastal environments**

13:00–13:15 **CLOSING OF SYMPOSIUM**

VENUE



**CENTER FOR DISSEMINATION  
OF RESEARCH RESULTS** ARISTOTLE  
UNIVERSITY of  
THESSALONIKI

Tritis Septemvriou str. 546 36 Thessaloniki  
T 2310994013, F 2310200392, kedeia.rc.auth.gr