INTERNATIONAL CONFERENCE on GLOBAL CLIMATE CHANGE

6 - 7 NOVEMBER 2013

Yıldız Technical University
Oditorium

Barbaros Bulvari Beşiktaş / İstanbul - TURKEY

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WEDNESDAY, NOVEMBER 6

9.30 - 10.00 Opening Plenary
Prof. Dr. Semra Atabay – Yıldız Technical University
Minister of Energy and Natural Resources
Prof. Dr. İsmail Yüksek - Rector of Yıldız Technical University

10.00 - 10.30 Keynote Speaker
Prof. Dr. Jürgen Kropp - Potsdam Institute for Climate Impact Research, Germany
Global Climate Change: what’s ahead and is it feasible to reverse it?

11.00 – 12.00 SESSION 1: GLOBAL CLIMATE CHANGE IMPACT

Moderator: Necdet Pamir, Middle East Technical University
Prof. Dr. Murat Türkeş, Istanbul University
Global Climate Change and Its Impacts on Turkey: Model Projections and Recommendations for the Near Future

Prof. Dr. H.Nüzhet Dalfes, Prof. Dr. Ö.L. Şen, B.Önol, U.U. Turunçoğlu, Res. Asst. D.Bozkurt, Istanbul Technical University
Climate Change Projections for Turkey: Results from Global Models and Dynamical Downscaling

Prof. Dr. Barbaros Gonençgil, Istanbul University
Regional Impacts of the Climate Change and Awareness Studies on Adaptation to Climate Chance in Turkey

Assist. Prof. Dr. M. Nisa Mencet Yelboğa, Mediterranean University
Agriculture and Environment Relationship with Special Attention to Global Climate Change

Discussion
12.30 – 13.30 Lunch
13.30 – 14.15 SESSION 2: ECO-POLICIES AND DIPLOMACY

*Moderator: Assoc.Prof. Dr Yiğit Evren, Yıldız Technical University*
*Prof. Dr. Erhun Kula, Bahçeşehir University*

Is Kyoto Protocol Useless?

*Prof. Dr. Firuz Demir Yaşamış, American University in Dubai, UAE*

A New Compact and Concern for National and Security: Environmental and Ecology

*Necdet Pamir, Middle East Technical University*

Eco-political and Ecological Dimensions of Turkey’s Energy Policy

Discussion

14:15 -15:00 SESSION 3: CIVIL SOCIETY, BUSINESSES AND GOVERNMENTS

*Moderator: Prof.Dr.Erhun Kula, Bahçeşehir University*
*Mehrdad Borna, Limkokwing University, Malaysia*

How Micro Climate Have an Impact on Social Interaction and Human Health ?

*Dr. Jenny Fairbrass, University of East Anglia, UK*

Natural Allies or strange Bedfellows? The emerging Relations between Business, Civil Society, and Government in response to the Challenge of Climate Change

*Dr. Zeynep Kaçmaz, University of Bradford, UK*

Perception of Environmental Issues among Turkish Firms

Discussion
15:00 – 16:00 SESSION 4: CLIMATIC CHANGES IN THE PAST AND TODAY

**Moderator:** Prof. Dr. Betül Şengezer, Yıldız Technical University

**Assist. Prof. Dr. Can Gündem, Batman University**

Some Climatic Changes in the Prehistoric Periods and their Impacts to Human Life

**Prof. Dr. M. Doğan Kantarcı, Prof. Dr. Mustafa Avcı, Istanbul University**

The Ecological and Entomological Changes in the Forests of Turkey in the Warming Period

**Prof. Dr. M. Doğan Kantarcı, Istanbul University**

Ecological Evaluations of the Meteorological Data in Central Anatolia of Turkey in the Warming Period

**Dr. Christian Richter, University of Bedfordshire, UK – Dr. Mario Cunha, Uni. do Porto, Portugal**

A Time-Frequency Analysis on the Impact of Climate Variability on Semi-Natural Mountain Meadows

**Discussion**

16:00 – 16:30 SESSION 5: CLIMATE CHANGE

**Moderator:** Prof. Dr. Firuz Demir Yaşar, American University in Dubai

**Orhan Bursali - Science and Technology**

Global Climate Change in Media

**Prof. Dr. Tuncay Neyişi, Mediterranean University**

The Ecology of Urban Transformation

**Discussion**
THURSDAY, NOVEMBER 7

9:30 – 10:30 SESSION 6: PLANNING POLICIES

Moderator: Assoc.Prof. Dr. Asuman Türkün, Yıldız Technical University

Gökçen Şahin, Esra Yavuz Gökmen, TEMA Foundation
Integration of Climate Change Adaptation and Mitigation Policies in Land Use Planning and Environmental Impact Assessment

Dr. Çağdaş Kuşcu Şimşek, Prof. Dr. Betül Şengezer - Yıldız Technical University
Effects of Urbanized Areas on Urban Climate in Istanbul Metropolitan Area

Prof. Dr. Zekiye Yenen, Dr. Cenk Hamamcıoğlu - Yıldız Technical University
Evolution of Hierarchy of Settlements in Water-Basin Scale Towards Climate Change

Prof. Dr. Sahar Attia, University of Cairo, Egypt
Informal Urbanism – UNHabitat

Discussion

10:30 – 11:00 SESSION 7: ENERGY TRANSITION

Moderator: Prof. Dr. Güleda Engin, Yıldız Technical University

Prof. Dr. Dietwald Gruehn, Dortmund University of Technology, Germany
Master Plan ‘Energy Transition 2025’ – A New Approach in the City of Dortmund

Prof. Dr. Horst Höfler, Siegen University, Germany
The reaching of the Plus Energy Standard in the Building Sector is one of the Important Presupposition for Mastering the Climate Change: Alternative Strategies for reaching the Plus Energy Standard for Buildings in Germany and Switzerland
11:00 – 12:00 SESSION 8: WATER MANAGEMENT

Moderator: Prof. Dr. Dietwald Gruehn, Dortmund University of Technology

Prof. Dr. Ayşegül Pala, Dokuz Eylül University
Studies the Effect of Climate Changes on Water Resources Potential in Turkey

Prof. Dr. Güleda Engin, Yıldız Technical University
Climate Induced Changes on Water Resources

Prof. Dr. Remzi Karagüzel, Istanbul Technical University
Importance of Ground Water Protection Considering Climate Change

Prof. Dr. Hüseyin Turoğlu, Istanbul University
Possible Effects of Climate Change on Water Management in Istanbul

Discussion

12.00 – 14:00 Lunch

14:00 – 15:00 SESSION 9: RESEARCH BY YILDIRIZ TECHNICAL UNIVERSITY

Moderator: Dr. Darwin E. Fox, Siegen University

Prof. Dr. Olcay Kincay, Dr. Özgen Ağışoğlu, Yıldız Technical University

Prof. Dr. Hasan Heperkan, Yıldız Technical University
Efficient Use of Energy in the Industry
Dr. Mustafa Kemal Sevindir, Alisan Gönül, Yıldız Technical University
The Recent Developments of Refrigerants, A Review

Sabit Tunçel
Effects of industrial Disposals on Global Climate Change

Discussion

15:00 – 16:00 SESSION 10: RESEARCH BY SIEGEN UNIVERSITY

Moderator: Prof. Dr. Horst Höfler, Siegen University

Prof. Dr. Richard Herrmann, Dr. Verana Herrmann, Siegen University, Germany
Geothermics-efficient Use for of the cooling of Buildings - Reduction of the CO₂ Footprint

Prof. Dr. Helge Bormann, Siegen University, Germany
How to make Water Management Climate Proof: from hydrological Impact Analysis to the Development of Adaptation Options

Dr. Darwin E. Fox, Siegen University, Germany
Geoenvironmental Variabilities with Effects on the Safety of Infrastructure

Prof. Dr. Jürgen Jensen, Ugur Öztürk and Thomas Wahl, Siegen University, Germany
Comparing Storm Surge Risks of Mega Cities - The Examples of Hamburg and Istanbul

Discussion

* English - Turkish translation will be provided.

Supporting Institutions:
Honorary Member:
Prof. Dr. İsmail Yüksek - Rector of Yıldız Technical University

Organizing committee:
Prof. Dr. Semra Atabay - (Chair) - Yıldız Technical University
Prof. Dr. Richard Herrmann - Siegen University
Prof. Dr. Olcay Kınçay - Yıldız Technical University
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