INTERNATIONAL CONFERENCE
on
GLOBAL CLIMATE CHANGE
6 - 7 NOVEMBER 2013
Yıldız Technical University
Oditorium

*English - Turkish translation will be provided*
Barbaros Bulvarı, Beşiktaş / Istanbul - TURKEY
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, Middle East Technical 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 Görençgil, 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 Kantarçı, Prof. Dr. Mustafa Avcı, Istanbul University**

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

**Prof. Dr. M. Doğan Kantarçı, 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 Yaşamış, American University in Dubai**

**Orhan Bursali - Science and Technology**

Global Climate Change in Media

**Prof. Dr. Tuncay Neyişiçi, 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 Yazıcı Gökmen, TEMA Foundation
Integration of Climate Change Adaptation and Mitigation Policies in Land Use Planning and Environmental Impact Assessment

Dr. Çağdaş Kuşçu 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 Eylul University*

Studies the Effect of Climate Changes on Water Resources Potential in Turkey

*Prof. Dr. Güleda Engin, Yildiz 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 Açıkgöz, 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

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

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