



Welcome!



IPCC emissions scenarios and strategies for stabilizing atmospheric greenhouse gas concentrations

Nebojsa Nakicenovic,

IIASA and Technical University Vienna, Austria

IPCC 2007 and beyond: state of knowledge and Wegener Center climate change research

Karl Steininger, *Wegener Center - University of Graz, Austria*

SESSION 1 » LAND USE AND LAND COVER

CHAIR: H. Kupfersberger

Assessment of land use/Cover changes in alpine areas by means of remote sensing

Mathias Schardt, *JOANNEUM RESEARCH, Austria*

A solution to mitigate the impact of extreme climate events on Romanian Forestry

Gabriela Florescu, *ICI National Institute for Research and Development in Informatics, Romania*

Effects of the drought 2003 on water balance and forests

Urša Vilhar, *Slovenian Forestry Institute*

SESSION 2 » BIODIVERSITY, NEOBIOTA, “ALIENS”

CHAIR: F. Prettenhaler

Effects of the climate change on biodiversity and plant invasions in South-Eastern Europe

Danijela Stešević, University of Montenegro

Climate change and new alien plant species in Austria

Peter Trinkaus, JOANNEUM RESEARCH, Austria

Birds as ideal bio-indicators of climate change: Examples from Macedonia

Branko Mičevski, Birdlife Macedonia

Tree rings and climate change

Miklos Kazmir, Eotvos University, Hungary

SESSION 3 » EXTREME EVENTS AND WATER CYCLES

CHAIR: M. Schardt

**The influences of sea surface temperature (SST) variability
and change on extreme precipitation in Romania**

Roxana Bojariu, *National Meteorological Administration, Romania*

**Stable isotopes of hydrogen, oxygen, carbon and nitrogen
as tracers of climatic changes – Case studies from Slovenia**

Polona Vreča, *Jožef Stefan Institute, Slovenia*

**Management of water resources in the
light of climate change**

Hans Kupfersberger, *JOANNEUM RESEARCH, Austria*

**Natural and technological hazards related to extreme
climatic events in Romania**

Dan Balteanu,

Institute of Geography – Academy of Sciences, Romania

POSTER SESSION 1

CHAIR: M. Schardt

Review on needfulness for plant ecophysiological study and investigation on climate

Mostafa Jafari, *Research Institute of Forests and Rangeland, Iran*

Influences of the atmospheric circulation over the North Atlantic-European sector on the seasonal temperature trend in Romania

Sorin Cheval, *National Meteorological Administration, Romania*

Impact of artificial accumulation on climate change

Marija Petrovic, *Serbia*

Climate impacts on agriculture

Mounir Balloumi, *University of Sousse, Tunisia*

Black spots in Serbia – The influence on environment

Milica Pavlović, *University of Belgrade, Serbia*

SESSION 4 » ECONOMIC IMPACTS AND ADAPTATION

CHAIR: M. Schardt

**Adaptation to climate change:
a well established policy or only an illusion**

Jürgen Kropp,

Potsdam Institute for Climate Impact Research, Germany

Measuring economic vulnerability and impacts

Franz Prettenhaler, *JOANNEUM RESEARCH, Austria*

Tuesday 27th March 2007

09:00 **SESSION 5** » CLIMATE POLICY IN SOUTH-
EASTERN EUROPEAN COUNTRIES

CHAIR: B. Schlamadinger

**Climate change adaptation in Bulgaria –
Public awareness and capacity building**

Milkana Mochurova,

Institute of Economics – Bulgarian Academy of Sciences

Co-author: Plamen Mishev,

University of National and World Economy, Bulgaria

**Evaluating greenhouse gas mitigation options and
technology needs in the energy sector in Macedonia**

Natasa Markovska, *Macedonian Academy of Sciences and Arts*

Possible instruments for the reduction of greenhouse gas emissions in SEE countries

Leonardo Massai, *T.M.C. Ausser Institute, Netherlands*

Climate policy for emission reductions in Bulgaria

Nevena Alexandrova, *Bulgarian Ministry of Environment and Water*

Climate change policy in Slovenia and integrating GHG reductions into sectoral policies

Matjaž Česen,
Jožef Stefan Institute – Energy Efficiency Centre, Slovenia

SESSION 6 » KYOTO RELATED ISSUES (JI/CDM/GIS) AND EMISSIONS TRADING IN SOUTH-EASTERN EUROPEAN COUNTRIES

CHAIR: N. Bird

**Possibilities for investment in Serbian energy sector and
compliance with the Kyoto protocol**

Sanja Filipović, Economic Institute – Belgrade, Serbia

**The impact of energy and emission markets on energy
efficiency and independence**

Andrej Gubina, University of Ljubljana, Slovenia

Options for Green Investment Scheme (GIS) and recent developments

Andreas Türk, *JOANNEUM RESEARCH, Austria*

Jl projects: Compatibility of climate change mitigation with other environmental aspects

Marieta Koleva, *Birdlife Bulgaria*

POSTER SESSION 2

CHAIR: N. Bird

Potential benefits in solar water heating in South-Eastern European countries

Slavoljub Mijovic, *University of Montenegro*

Adequacy assessment of the Slovenian power system

Milos Pantos, *University of Ljubljana, Slovenia*

Small energy efficiency measures in households and office buildings

Ilija Sazdovski, *Proaktiva, Macedonia*

Reduction in CO₂ emissions trough introduction of sustainable living

Dragana Bojovic, *University of Belgrade –
Centre for Multidisciplinary Studies, Serbia*

Efficiency of GHG mitigation measures under consideration of ancillary effects

Daniel Steiner, *JOANNEUM RESEARCH, Austria*

SESSION 7 » RENEWABLE ENERGY

CHAIR: N. Bird

The potential of renewable energy sources in Bosnia and Herzegovina, Biomass

Petar M. Gvero, University of Banja Luka, Bosnia and Herzegovina

Potential for emission reduction of Greenhouse Gases in Bosnia and Herzegovina and needs for establishment of Designated National Authority

Azrudin Husika, University of Sarajevo, Bosnia and Herzegovina

SUMMARY

CHAIR: B. Schlamadinger

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