

International Conference on Managing Protected Areas under Climate Change – IMPACT

24.9.2012 – Day 1

8:30 *Registration and welcome coffee*

9:30 **Greetings**

Prof. Dr. Dr. h. c. Bernhard Müller, Director of the Leibniz-Institute of Ecological Urban and Regional Development

9:45 **CENTRAL EUROPE Programme – Cooperating to prevent environmental hazards and reducing the negative effects of climate change**

Lubor Jusko, CENTRAL EUROPE PROGRAMME

10:00 **Opening Statement - EUROPARC**

Karl Friedrich Sinner, EUROPARC Germany

10:15 **Opening Statement - HABIT-CHANGE**

Marco Neubert, HABIT-CHANGE Project

10:30 *Coffee break*

11:00 **Keynote “Global Sustainability Policy and the Science-Policy Interface: Is There a Role for Ecosystem Models?”**

Prof. Dr. Wolfgang Cramer, Institut Méditerranéen de Biodiversité et d'Ecologie marine et continentale (IMBE), Contributor to the IPCC and the Millennium Ecosystem Assessment

11:30 **Keynote "Climate Change and NATURA 2000: the need for vision and action"**

Dr. Rob H.G. Jongman, Alterra, Wageningen UR, Senior Scientist, Landscape Ecology, Biodiversity and Environmental monitoring

12:00 *Lunch*

13:30 **Session 1:**

conference room:

Assessing sensitivity

Canaletto

Current and Future Management Practices

Ballroom/Ballsaal

Modelling of climate-induced impacts

Kästner

15:00 *Coffee break*

15:30 **Session 1 – continued**

16:30 Wrap up of sessions day 1

17:30 End of Day 1

19:00 *Social event / Ice Breaker*

25.9.2012 – Day 2

- 9:00 **Keynote “Is biodiversity law adapted to climate change adaptation?”**
Prof. Dr. An Cliquet, Department of Public International Law, Ghent University
- 9:30 **Session 2:** *conference room:*
- Climate change impacts on species and invasive species *Kästner*
- Legal Aspects & Policy Recommendations *Canaletto*
- Monitoring of Climate-induced Impacts *Ballroom/ Ballsaal*
- 10:30 *Coffee break*
- 11:00 Session 2 – continued
- 12:00 Wrap up of sessions day 2
- 13:00 *Lunch*
- 14:30 **Panel discussion – The future need for support of adaptation in protected areas** *Ballroom/ Ballsaal*
- Maciej Sadowski, Environmental Protection Institute, Poland
Nicholas Macgregor, Natural England/ENCA, United Kingdom
Lutz Möller, Head Division of Science, Human Rights, German Commission for UNESCO
- 15:30 Poster session & discussion with coffee served
- 16:30 **Keynote “Science and society: the context for developing conservation adaptation strategies”**
Dr. Mike Morecroft, Head of Profession for Climate Change, Natural England
- 17:00 End of Day 2
- 19:00 *Social event*

26.9.2012 – Day 3 (Study Tours)

- 8:00- Study Tours
- 16:00 - Bohemian Switzerland National Park or
- Biosphere Reserve Upper Lusatian Heath and Pond Landscape (Oberlausitzer Heide- und Teichlandschaft)

Sessions Program: 24 September 2012

Assessing sensitivity *(Location: Canaletto)*

13:30- Introduction
13:40

13:40- **Climate change in Northeast Germany – estimating its risks for ecosystems**

14:00 Nadine Nusko

(University of Applied Sciences Eberswalde, Germany)

14:00- **Strategies for tourism to adapt to climate change and protecting biodiversity - Case studies from protected areas in different German landscapes**

14:20

Gerd Lupp, Linda Heuchele, Christina Wachler, Patrick Pauli, Werner Konold, Dominik Siegrist

(Leibniz-Institute of Ecological Urban and Regional Development (IOER); Institute for Landscape Management, Albert-Ludwigs-University Freiburg; Institute for Landscape and Open Space, University of Applied Sciences of Eastern Switzerland (FHO))

14:20- **Sensitivity of plants with a high conservation value to the effects of climate change**

14:40 Anca Sarbu, Paulina Anastasiu, Daniela Smarandache, Gabriela Pascale

(University of Bucharest, Faculty of Biology, Romania)

14:40- **The Economics of Biodiversity and Climate Change - a (new) critical Perspective**

15:00 Felix Ekardt *(Rostock University, Germany)*

15:00- *Coffee break*

15:30

15:30- **Identifying adaptation priorities using a Climate Vulnerability Index within the protected area network in Wales**

15:50

Clive Walmsley, Robert McCall, Lucy Wilson

(Countryside Council for Wales & ADAS Consulting, Wales)

15:50- **Vulnerability assessment for a protected area in Germany – from theory into practice**

16:10

Miriam Kothe *(TU Berlin, Germany)*

16:10- *Extended discussion*

16:30

Current and Future Management Practices *(Location: Ballroom)*

13:30- Introduction
13:40

13:40- **How is nature conservation in England adapting to climate change?**

14:00

Nicholas Macgregor *(Natural England, England)*

14:00- **Adaptive Management for Danube Delta Biosphere Reserve in climate change**

14:20

Viorica Bisca, Georgeta Ivanov, Mihai Doroftei

(Danube Delta Biosphere Reserve Authority; Danube Delta National Institute for Research and Development, Romania)

14:20- **Climate change adaptation on RSPB nature reserves – putting theory into practice**

14:40

Malcolm Ausden *(The Royal Society for the Protection of Birds (RSPB), UK)*

14:40- **MARISCO – an adaptive conservation planning instrument designed for the proactive**
15:00 **management of climate change risks**
Stefan Kreft, Laura Geiger, Christoph Nowicki, Pierre L. Ibisch, Isabel Renner, Peter Hobson
(Eberswale University, Germany; GIZ, Germany; University of Essex, UK)

15:00- *Coffee break*
15:30

15:30- **Managing and conserving coral reefs under climate change**
15:50 Maria Beger, Brigitte Sommer, Peter Harrison, John Pandolfi
(University of Queensland, Australia)

15:50- **The Maldives and the rhetoric of the "sinking paradise." Different approaches to the**
16:10 **issue of the country's disappearing due to climate change**
Justyna Ziemia (Polish Academy of Sciences, Poland)

16:10- **Management Practices Towards Increasing Resilience of Coastal Ecosystems to the**
16:30 **Impacts of Climate Change in selected Marine Protected Areas in Jamaica.**
Chalene Roye and Nichelle Oxford
(National Environment and Planning Agency, Jamaica)

Modelling of climate-induced impacts (Location: Kästner)

13:30- Introduction
13:40

13:40- **The challenge of connecting climate model output and climate observations to impact**
14:00 **research**
Ivonne Anders (Central Institute for Meteorology and Geodynamics, Austria)

14:00- **Quantifying the reliability of General Circulation Models for biodiversity impacts studies**
14:20 Andrew Hartley
(Met Office Hadley Centre, UK; European Commission Joint Research Centre, Italy)

14:20- **The regional differences of wind erosion hazard due to the changing climatic conditions**
14:40 **in the Carpathian-basin**
Gábor Mezősi and Viktória Blanka (University of Szeged, Hungary)

14:40- **Relating growing seasons, exposure and sensitivity of habitats to climate change to**
15:00 **derive potential impact maps in Central Europe**
Iris Wagner, Michael Förster, Ivonne Anders, Nico Frischbier, Eszter Falusi, Georg A.
Janauer, Akos Malatinszky, Anca Sarbu, Marc Zebisch (HABIT-CHANGE Project)

15:00- *Coffee break*
15:30

15:30- **Climate change impacts on temperate perennials – knowledge gaps and the potential for**
15:50 **unexpected results**
Eike Luedeling (World Agroforestry Centre, Kenya)

15:50- **Using species distribution models for predicting climate change of protected areas**
16:10 Jon Olav Skøien, Gregoire Dubois, Andrew Hartley, Michael Schulz
(European Commission - Joint Research Centre, Italy; Met Office, UK)

16:10- **Projected changes in bird populations within Special Protection Areas (SPAs):**
16:30 **implications for land management and policy**
James Pearce-Higgins (British Trust for Ornithology, UK)

Sessions Programme: 25 September 2012

Climate change impacts on species and invasive species *(Location: Kästner)*

- 09:30- **Patterns of human land use in mountainous China in response to climate change and the**
09:50 **impacts on endangered snow leopard populations**
Philip Riordan, Kun Shi, J. Wang, J. Hughers., W. Wang
(Wildlife Conservation Research Unit, University of Oxford, UK; The Wildlife Institute, Beijing Forestry University, China; Wildlife Without Borders, UK; The State Forestry Administration, China)
- 09:50- **Constant conservation responsibilities despite variable projections of distribution areas**
10:10 **under climate change for the green hawkler (*Aeshna viridis*)**
Helmut Schlumprecht, Anja Jaeschke*
*(Büro für ökologische Studien, Bayreuth, Germany; *Faculty of Biogeography, Bayreuth University, Germany)*
- 10:10- *Extended discussion*
10:30
- 10:30- *Coffee break*
11:00
- 11:00- **Sea-level rising, derived by the climate change and its impact on Natura 2000 coastal**
11:20 **habitats in two Northern Adriatic protected areas**
Danijel Ivajnsic, Mitja Kaligaric, Stane Gomboc, Andrej Sovinc
(University of Maribor; Ministry of Agriculture and Environment of the Republic of Slovenia; Soline d.o.o., Slovenia)
- 11:20- **The alpine flora of Iranian mountains and its sensitivity to climate change**
11:40 Jalil, Noroozi *(University of Vienna)*
- 11:40- **Reproduction biology of a drought-tolerant invasive *Aster squamatus* from the Northern**
12:00 **Adriatic coastal protected areas, Slovenia**
Nina Šajna, Mitja Kaligarič, Danijel Ivajnsič *(University of Maribor, Slovenia)*

Legal Aspects & Policy Recommendations *(Location: Canaletto)*

- 09:30- **Habitats and Birds Directive - fit for climate change?**
09:50 Jochen Schumacher
(Institute for nature conservation and conservation law, Germany)
- 09:50- **Legal Climate Change Adaptation for Natura 2000 Protected Areas: Interpretation of**
10:10 **European Law and Comparison of Implementing National Law regarding "Adaptive Capacity of Nature Protection Law"**
Moritz Gies, Juliane Albrecht *(IOER, Germany)*
- 10:10- *Extended discussion*
10:30
- 10:30- *Coffee break*
11:00

- 11:00- **Nature conservation policy vs. climate change – practitioner’s and environmentalist’s**
11:20 **insight into inconsistency of Polish environmental management and legislation**
Urszula Biereznoj-Bazille (*Białystok University, Poland*)
- 11:20- *Extended Discussion*
12:00

Monitoring of climate-induced Impacts (*Location: Ballroom*)

- 09:30- **Ecological Footprint, Climate Change Impacts and Assessment**
09:50 Safwat H. Shakir Hanna
(*Texas Gulf Coast Environmental Data (TEXGED) Center; Prairie View A&M University; The Texas A&M University System, USA*)
- 09:50- **Landscape history researches on wetlands of special importance founding their climate**
10:10 **adapted management plans**
Róbert Vidéki, Judit Cservenka
(*Balaton Uplands National Park Directorate, Hungary*)
- 10:10- **Vulnerability to the effects of climate change in the area of the Aiguamolls de l’Empordà,**
10:30 **north-eastern Spain**
Sandra Fatoric, Ricard Morén Alegret
(*Universitat Autònoma de Barcelona, Spain*)
- 10:30- *Coffee break*
11:00
- 11:00- **Remote Sensing methods utilize for the Monitoring of habitats potentially threatened by**
11:20 **climate change - Which indicator is derived best for which natural condition**
Michael Förster, Tobias Schmidt, Iris Wagner, Kathrin Renner, Marc Zebisch, Marco Neubert (*HABIT-CHANGE Project*)
- 11:20- **The results of satellite data application for ecological state assessment in the Shatsky**
11:40 **biosphere reserve**
Mikhail A. Popov, Aleksey I. Sakhatsky, Sergey A. Stankevich, Anna A. Kozlova, Rene Griesbach
(*Scientific Centre of Aerospace Research of the Earth NAS of Ukraine, RapidEye AG, Germany*)
- 11:40- **Impact of climate change on water balance of a large flow-through lake**
12:00 **(case study - Lake Charzykowskie)**
Barbara Nowicka*, Marta Glińska**
(**Institute of Meteorology and Water Management - National Research Institute (IMGW-PIB); **Department of Hydrology, Faculty of Geography and Regional Studies, University of Warsaw, Poland*)

Contact

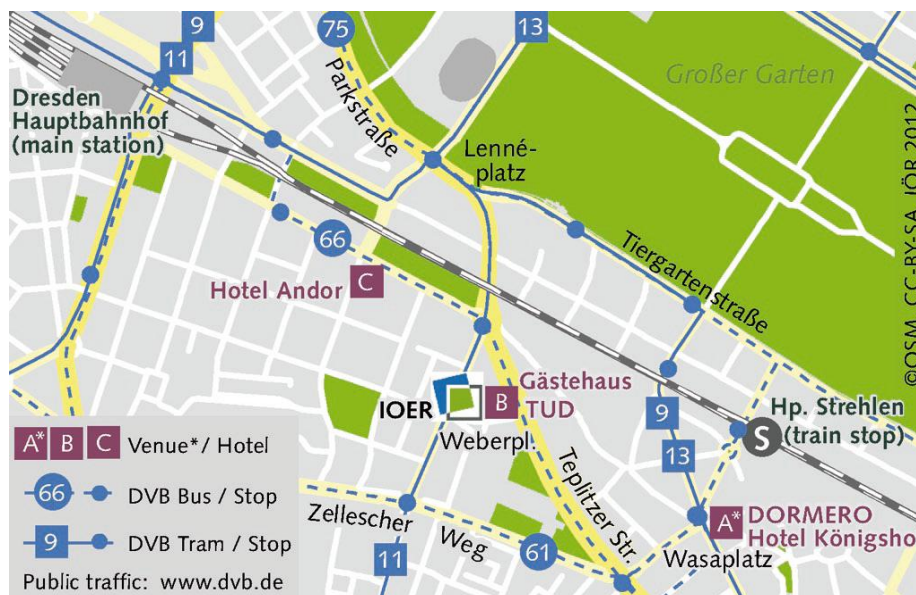
Leibniz Institute of Ecological Urban
and Regional Development (IOER)
Katrín Vogel
Weberplatz 1 · 01217 Dresden
Tel.: (0351) 46 79-229
Fax: (0351) 46 79-212
E-Mail: k.vogel@ioer.de
www.ioer.de

Further information under www.habit-change.eu/impact

Venue

DORMERO Hotel Königshof, Dresden
Kreischauer Straße 2, 01219 Dresden-Strehlen

Tram No. "9 Prohlis" from Hauptbahnhof Nord to "Wasaplatz" station



Important dates:

Full Fee Registration Deadline: 14 September 2012

Conference fee:

75 €