

Programme

WORKSHOP

NATURA 2000 AND CLIMATE CHANGE - A CHALLENGE

May 3-7, 2010

at the
International Academy for Nature Conservation
Isle of Vilm, Germany

organised by
The German Federal Agency for Nature Conservation (BfN)

in cooperation with
Institute for Biodiversity - Network (ibn)



Objectives

At a time when protected areas of the Natura 2000 network are designated throughout Europe and management plans are prepared, the workshop 'Natura 2000 and Climate Change – A Challenge' wants to discuss what additional challenges have to be faced by a more and more obvious climate change in Europe. Presentations from international experts shall enlighten from different perspectives the consequences of climate change for protected areas and their vulnerability. Examples from different European regions show possibilities and management options for the adaptation to climate change by building a coherent network of corridors or better interlink protected areas with the wider landscape. The potential of intact ecosystems in protected areas to mitigate climate change will also be presented.

The workshop is meant to facilitate the discussion between scientists and managers of protected areas who have to cope with the challenges of a changing climate in different parts of Europe.

Monday, 03.05.2010

Departure of the ferry boat from Lauterbach harbour at 16.15, 17.15, 18.10 and last boat at 20.10 !

Arrival of the participants at the Isle of Vilm

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|-------|--|
| 18.30 | <i>Dinner</i> |
| 19.30 | AXEL PAULSCH (ibn, Germany)
Welcome to the participants
Opening of the meeting |
| 20.00 | GÖTZ ELLWANGER & AXEL Ssymank (BfN, Germany)
Introduction - Theses and Chances for the
Adaptation of the Ecological Network Natura
2000 to Climate Change in Germany |

Tuesday, 04.05.2010

07.30 *Breakfast*

**I. Climate change - a challenge for Natura 2000 –
setting the scene**

09.10 BRIAN HUNTLEY (Durham University, UK)
**Protected areas and climate change in
Europe - introduction**

10.00 CLIVE WALMSLEY
(Countryside Council for Wales, UK)
**Case study I.- Addressing the threat of
climate change on the Welsh coast –
experience from Natura 2000 sites**

10.45 *Coffee / Tea break*

11.00 THOMAS FARTMANN (University of
Münster, Germany)
**Case study II. - Potential Effects of climate
change on the biological diversity in North
Rhine-Westphalia**

11.35 DOUG EVANS (ETC/BD, France)
The habitats of Annex I and climate change

12.00 FACILITATORS
Final Discussion Block I

12.30 *Lunch*

13.30 *Guided tour in the nature reserve of the Isle of
Vilm*

15.00 *Coffee / Tea break*

II. Climate change - a challenge for Natura 2000

- 15.20 SONJA OTTO (UBA, Germany),
YVES DE SOYE (Climate Change, Energy and
Biodiversity Consultant; France),
MIKE HARLEY (Biodiversity Knowledge Leader;
AEA; UK) &
JELLE VAN MINNEN (Senior Climate Change Policy
Researcher; The Netherlands)
**Vulnerability assessment of species and
habitats of the Natura 2000 network**
- 15.55 THOMAS GOTTSCHALK
(Justus-Liebig-University, Giessen, Germany)
Sensitivity of Birds against Climate Change
- 17.05 STEFAN KLOTZ
(Helmholtz-Centre for Environmental Research,
Halle, Germany)
**Biodiversity and Climate Change - Results
from the ALARM project (EU- FP 6)**
- 17.40 PAM BERRY
(Environmental Change Institute, University of
Oxford, UK)
**Sensitivity of Habitat Types against Climate
Change**
- 18.15 FACILITATORS
Discussion Block II
- 18.30 *Dinner*
- 20.00 FILM
European Green Belt (BfN, IUCN)

Wednesday, 05.05.2010

07.30 *Breakfast*

III. Natura 2000 measures to reduce climate change effects

09.05 PETER WATTENDORF & MIRJAM MILAD
(University Freiburg, Germany)
Climate change effects on biotopes in Baden-Württemberg (Germany)

09.30 GEORG WINKEL, JOHANNA GLEISSNER & TILL PISTORIUS
(University Freiburg, Germany)
Will climate change change sustainable forest management in Natura 2000 protected areas? Reflections on the adaptation & mitigation debate

10.20 *Coffee / Tea break*

10.45 LINDSEY BERGMANN & MATTHIAS DRÖSLER
(TU München, Germany)
Preservation of natural carbon sinks

11.30 KATRIN VOHLAND
(PIK, Museum of Natural History Berlin, Germany)
Identification of Natura 2000 sites at risk

12.00 FACILITATORS
Discussion Block III

12.30 *Lunch*

- 14.05 PIERRE IBISCH, PETER HOBSON & STEFAN KREFT
(University of Applied Sciences Eberswalde,
Germany / Writtle College, Chelmsford Essex,UK)
**Applying principles of adaptive cycle and
complex systems theory to Natura 2000 in
meeting challenges of climate change**
- 14.50 CLAIRE VOS
(University Wageningen, The Netherlands)
**Adapting the landscape to climate change -
the Dutch Ecological Network**
- 16.05 *Coffee / Tea break*
- 16.40 MICHAEL REICH (University Hannover, Germany)
Coherence of the Natura 2000 network
- 16.00 MEINRAD KÜTTEL (BAFU, Bern, Switzerland)
**Monitoring of climate change impacts on
protected areas: Potentials of BDM baseline
monitoring**
- 17.20 Facilitators
Final discussion Block III
- 18.30 *Dinner*
- 20.00 FACILITATORS
**Final discussion & Finalization of the
workshop**
- 21.00 JASMINE MANTILLA CONTRERAS
(UNIVERSITY GREIFSWALD, GERMANY)
Introduction "Koser Wiesen"

Thursday, 06.05.2010

- 07.30 *Breakfast*
- 08.25 Departure of the ferry boat from Vilm Island
- Visit of the protected areas "Koser Wiesen"
and "Peenetal/Peene-Haff-Moor"**
- 18.10 Departure of the ferry boat from Lauterbach/Mole
- 18.30 *Dinner*

Friday, 07.05.2010

(First ferry boat at 07.25, train connection from Lauterbach/Mole train station at 08.00)

- 08.00 *Breakfast*
- 09.20 Departure of the participants

(To facilitate the departure from Vilm Island via Lauterbach to Bergen (and onwards to Berlin or Hamburg) there will be an extra train additional to the connections scheduled on the internet page of Deutsche Bahn: this extra train will only run on Friday 7th of May, at 10.00 from Lauterbach and can be reached by the boat leaving the Vilm Island harbour at 09.20. This train reaches Bergen at 10.20. The regular connections start in Lauterbach at 08.00 (in Bergen at 08.20) and 11.04 (in Bergen at 11.20) every day.)

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Location / Travel Information / Accommodation

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Participants

Representatives of federal and regional administrations, experts from scientific institutions and planning authorities.
Maximum number of participants is 40.