

Observation of desertification: Observation and analysis of processes of desertification as controlled by climate change and land use change

Final CIRCULAR

Date: Thursday, 6th September & Friday, 7th September 2007

Time: 10:30 – 18:30

Venue: Please note: The workshop has two venues:

On 6th September, from 10:30 to 12:00 we will be at the University of Hamburg, in the Department of Chemistry, Hall C (Martin Luther King-Platz 6). For site see conference Site map at:

<http://www.biologie.uni-hamburg.de/bt07/eht07map4.htm>. After lunch, we will move together to the Max Planck Institute for Meteorology (5 minutes walk), Bundesstrasse 53, 20146 Hamburg, Germany, Rooms: O 22 on 6th September 2007 and Room N 101 on 7th September 2007.

The session is partly listed as lecture session S48 within the frame of the Botanical Congress taking place on the occasion of the 125 birthday of the German Botanical Society– September 3rd – 7th 2007, (for further information also for accommodation and transport see: <http://www.biologie.uni-hamburg.de/bt07/es48.htm>)

Observation Across Scales (Chair: Joachim Hill)

- 10:30 – 11:00 Key note: *Desertification – what to strive for and what to observe*
Uriel Nahum **Safriel**, Hebrew University of Jerusalem, Israel
- 11:00 – 11:15 *Ecologically-based approaches to land degradation monitoring*
Mónica García, Gabriel **del Barrio** & Juan **Puigdefábregas**, Estación Experimental de Zonas Áridas (CSIC), Spain
- 11:15 – 11:30 *Multi-scale observation of land use changes and land degradation*
Weicheng Wu & Eddy De Pauw, Center for Agricultural Research in the Dry Areas (ICARDA), Syria
- 11:30 – 11:45 *Optimal herd composition for biodiversity maintenance – Case study of small stock farming systems in southern Namibia*
Stephanie Domptail¹, Alexander **Popp**² & Ernst-August **Nuppenau**¹,
¹Institut für Agrarpolitik und Marktforschung, Justus-Liebig University, Giessen, Germany, ²Vegetation ecology and nature conservation, University of Potsdam, Germany
- 11:45 – 12:00 *Dryland Biodiversity – Aspects for terrestrial Biodiversity Observation Systems*
Norbert **Jürgens**, Biocentre Klein Flottbek and Botanical Garden, University of Hamburg, Germany

12:00 – 14:00 Lunch

The Physical Environment and Observation (Chair: Norbert Jürgens)

- 14:00 – 14:15 *Imaging desertification syndromes from space – Regional assessment and monitoring strategies for a global problem*
Joachim Hill, Achim Röder & Marion Stellmes, University of Trier, Germany
- 14.15 – 14:30 *Modelling biodiversity patterns with remote sensing data*

This workshop is being carried out in partnership with the GLOBAL NETWORK OF DRYLANDS RESEARCH INSTITUTES (GNDRI)

Background information was compiled in collaboration with the UNCCD Secretariat



1st Workshop of the Working Group “Drylands Observation System” of the European DesertNet

Konstantin **König**, University of Frankfurt, Germany

14:30 – 14:45 *Population Analysis as Indicator for Processes of Degradation*
Anna Augustin and Manfred **Finckh**, BIOTA Maroc, University of Hamburg,
Germany

Socio-economic Aspects and Observation (Chair: Mariam Akhtar-Schuster)

14:45 – 15:00 *National Strategy and Action Plan to Combat Desertification in Kazakhstan*
Kamila **Magzieva**, National Coordinator, Almaty, Kazakhstan

15:00 – 15:15 *Monitoring, modelling and forecasting of socio-economic aspects for Observation Systems: a spatial and interdisciplinary approach within the context of desertification*
Maud **Loireau**, Institut de Recherche pour le Développement, Centre de Montpellier, France

15:15 – 15:30 *Improving science-policy communication in the desertification regime – the role of uncertainty*
Alan **Grainger**, School of Geography, University of Leeds, United Kingdom

15:30 – 16:00 Coffee Break

16:00 – 16:30 Key note: *Global Environment Monitoring - Aims and strategies of the European Commission*
Alan **Belward**, Environment Monitoring Unit, Institute for Environment and Suitability (IES), European Commission, Joint Research Centre

16:30 – 18:00 General Discussion (Chair: Norbert **Jürgens**)

Friday, 7th September 2007: Meeting of the Working Group of European DesertNet “Dryland Observation System”

Time: 09:00 – 15:00 (organised by Joachim **Hill**, Norbert **Jürgens** and Mariam **Akhtar-Schuster**)

Venue: Max Planck Institute for Meteorology, Bundesstrasse 53, 20146 Hamburg, Germany, Room: N 101

Members of the Organising Team: Dr. Mariam Akhtar-Schuster, Prof. Dr. Joachim Hill, Prof. Dr. Norbert Jürgens.

Technical Staff: Mr Thomas Hillmann, Mr Jens Oldeland, Mrs Annegret Saphir

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