



www.tropicalmountainforest.org
DFG-FOR816 Ecuador



DFG senate commission on
biodiversity research



Biodiversity Exploratories DFG-SP1374

Prof. Dr. Jörg Bendix - Speaker
bendix@staff.uni-marburg.de

Dr. Birgit Gemeinholzer - Speaker
b.gemeinholzer@bgbm.org

Dr. Jens Nieschulze - Data Manager
jniesch@bgc-jena.mpg.de

Thomas Lotz - Data Manager
thomas.lotz@staff.uni-marburg.de

REMINDER

The next meeting on data management in interdisciplinary projects concerning

“Data repositories in environmental sciences – concepts, definitions, technical solutions and user requirements”

will be held in Rauschholzhausen (near Marburg) on February 28th – March 1st, 2011

hosted by the FOR816 Ecuador and Biodiversity Exploratories in collaboration with the WG Data of the DFG senate commission on biodiversity research.

Quality proofed research data build the foundation for scientific knowledge gain. Although billions of Euros are spent annually in Germany alone to acquire data only a fraction are accessible over time and are re-used in further contexts. The Alliance of German Science Organisations acknowledges this problem and pools activities for their solutions. Interdisciplinary research project repositories are at the intersection of data collection in the field, work-in-progress-storage, and long-term archiving. Against this background the workshop explores required standards of data capture, data curation and interchange with respect to technical and social issues, and addresses challenges in long-term archiving in a national and international framework.

The aim is to bring together the community of project database manager, standards developer, information scientists, librarians, and funding agencies. As results, we anticipate a better communication between the many disciplines, an overview of the current state of the art and a roadmap for future activities.

Call for contributions:

The meeting invites international and national experts for impulse speeches.

Additionally there will be oral contributions by participants of various scientific projects and organizations.

If you would like to present a **poster** please send an email with your title and abstract to Thomas Lotz by January 15, 2011 at the latest.

Registration (extended deadline is November 30th, 2010):

Please use the appended registration form and send it via mail or fax to Sonja Haese (Secretariat Prof. Dr. Bendix). Contact to local organizers:

Thomas Lotz
Data Manager FOR816
Philipps-University of Marburg
Faculty of Geography
Deutschhausstr. 10
D-35032 Marburg
fon: ++49.(0)64 21 / 28-24 208
email: thomas.lotz@staff.uni-marburg.de

Sonja Haese
Philipps-University of Marburg
Faculty of Geography / Climatology and Remote Sensing
Deutschhausstr. 10
D-35032 Marburg
fon: ++49.(0)64 21 / 28-24 839
fax: ++49.(0)64 21 / 28-24 833
email: haese@staff.uni-marburg.de

Content of the Workshop

A focus will be set on

“Data platforms in integrative biodiversity research”.

| Topics: | Contributions: |
|---|---|
| <p>Data standards and ontologies for integrative biodiversity research</p> | <ul style="list-style-type: none"> ▶ SCHILDHAUER, M. (<i>NCEAS UC/SB</i>): Semantic approaches to data integration [working title] ▶ KOTTMANN, R. (<i>MPI Bremen</i>): GSC Standards, GCDML and megx.net : From minimum standard specifications through implementations to web services ▶ VOGT, L. (<i>University Bonn</i>): What are Data and Metadata and what is the role of Media Content? |
| <p>Concepts for Data Repositories</p> <ul style="list-style-type: none"> • Data exchange including legal status of data and access • Sustainability of repositories including permanent funding strategies • Migration strategies for project data to permanent environmental data repositories • Structural and technical concepts <ul style="list-style-type: none"> ◦ Models; central, distributed networks, connected topical/regional nodes etc. ◦ Hardware; including costs ◦ Software; designs, data models, data flow, interfaces | <ul style="list-style-type: none"> ▶ KLUMP, J. (<i>GFZ Potsdam</i>): Costs, Structures and Risks of a sustainable data storage in decentralized long-term archive infrastructures [working title] ▶ HORSTMANN, W. (<i>University Bielefeld</i>): International repository infrastructures -- connectivity between thematic and generic approaches ▶ BACH, K. & D. SCHÄFER (<i>DFG WG Data</i>): Report of a comparative evaluation on technical solutions of long-term data repositories in biodiversity science [working title] ▶ GROBE, P. (<i>University Bonn</i>): Morph D Base - Increasing Transparency and Reproducibility of Morphological Data ▶ REUSSER, D. (<i>PIK Potsdam</i>): Data version management |
| <p>User Requirements</p> <ul style="list-style-type: none"> • Demands of data provider and data user (bridging the gap between user needs and expectations) • Added value to be provided by project repositories <ul style="list-style-type: none"> ◦ Required service tools (input, search, analysis, visualisation, output) ◦ Citeable data publications as incentive (DOI, ISI, others) | <ul style="list-style-type: none"> ▶ MICHENER, W. K. (<i>Ecological Archives</i>): Data publication and citation and motivation of scientists to adopt new technics [working title] ▶ WROBEL, M. (<i>PIK Potsdam</i>): Challenges and success factors in adapting IT for the management of scientific data ▶ ENKE, N. (<i>DFG WG Data</i>): Results of a survey on user requirements to data management in biodiversity science [working title] |

We are looking forward to this meeting and hope that you will be able to participate. If you have any questions, please do not hesitate to contact the local organizers.

With kind regards,

J. Bendix

J. Nieschulze

B. Gemeinholzer

T. Lotz

Registration

to the meeting on data management in interdisciplinary projects

on February 28th – March 1st, 2011

in Marburg/Rauischholzhausen (<http://www.uni-giessen.de/uni/einrichtungen/Rauischholzhausen/>)

Title:

Name:

Institution:

Email address:

Contribution:

| Poster | Title |
|--------------------------|----------------------|
| <input type="checkbox"/> | <input type="text"/> |

Accommodation:

The program will start on Monday at 9:00 am and will end on Tuesday at 4:00 pm.

A shuttle service between train station and venue will be arranged on Sunday evening, Monday morning and Tuesday afternoon.

| | single room | double room | |
|---|-----------------------------------|-----------------------------------|---|
| Sunday - Tuesday (2 overnight stays) | 148 € <input type="checkbox"/> | 136 € <input type="checkbox"/> | includes breakfast (Mo + Tu), lunch (Mo+Tu), dinner (Mo). Drinks are exclusive. |
| Monday - Tuesday (1 overnight stay) | 102 € <input type="checkbox"/> | 96 € <input type="checkbox"/> | includes breakfast (Tu), lunch (Mo+Tu), dinner (Mo). Drinks are exclusive. |

Annotations:

Send the registration by

mail (haese@staff.uni-marburg.de) or fax (+49.(0)64 21 / 28-24 833)

to Sonja Haese (Secretariat Prof. Dr. Bendix, Philipps-University of Marburg / Faculty of Geography).