



ENVEUROPE & EXPEER & LTER-EUROPE JOINT CONFERENCE

Monday 3rd -Friday 7th December 2012

Sofia, Bulgaria

Final draft agenda (version 13, 28/11/2012)

<p>Monday 3rd December 14:00 - 19:00 <i>In parallel 16:00-19:00</i> <i>one-to-one financial meeting: Aster with EnvEurope ABs</i></p>	<p>Formal EnvEurope Plenary Meeting</p> <p>14.00-15:00 EnvEurope Plenary</p> <ul style="list-style-type: none"> • Welcome address (S. Bratanova, IBER, Bulgaria) • Goals, structure and agenda of the meeting (A. Pugnetti, CNR, Italy; M. Mirtl, EEA, Austria) • Action 7 (technical and financial issues): activity report and next steps from Coordination (A. Pugnetti, CNR, Italy; C. Boccafogli, Aster, Italy) <p>15:00-16:00</p> <ul style="list-style-type: none"> • Action 8 – Project Monitoring: activity report and next steps (K. Krauze, ERCE, Poland) • Action 6 - Dissemination: activity report and next steps (D. Sani, Aster, Italy) • Action 1 - Information management: activity report and next steps (J. Peterseil, EAA, Austria) <p>16:00-16:20 –Break</p> <p>16:20-17:40</p> <ul style="list-style-type: none"> • Action 2 - Harmonization: activity report and next steps (M. Frenzel, UFZ, Germany) • Action 3 - Scientific analysis: activity report and next steps (M. Adamescu, UniBuc, Romania) • Action 4 – Network design: activity report and next steps (P. Colangelo, CFS & UniRoma, Italy) • Action 5 – Testing in the field: activity report and next steps (G. Matteucci, CNR, Italy) <p>17:40-19:00 EnvEurope Action Technical Meetings and discussion <i>LTER& Expeer people are invited to participate and contribute to the discussion</i></p> <p>17:40-19:00 A1 (Information management) technical meeting.</p> <ul style="list-style-type: none"> • EnvThes – working on the content of the EnvThes, e.g. especially with regard to the keywords (H. Schentz, EAA, Austria)
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Tuesday 4th December

8:30 – 19:00

*In parallel 9:00-18:00
one-to-one financial meeting: Aster with EnvEurope ABs*

EnvEurope Action Technical Meetings and discussion

ILTER & Expeer people are invited to participate and contribute to the discussion

8:30-9:30

Action 2 (Harmonization) meeting (M. Frenzel, UFZ, Germany)

- Presentation of the second version of the manual of manuals.
- How to increase usability and attractiveness.
- Presentation of the survey results

9:30-10:30

Action 5 (Testing in the field) meeting (G. Matteucci, CNR, Italy).

- Update on A5 field activities and data submission (2011-2012).

10:30-10:50 – Break

10:50-13:00

Action 5 (Testing in the field) meeting (G. Matteucci, CNR, Italy).

- Update on A5 field activities and data submission (2011-2012).
- Ideas for common data elaboration.
- Planning of the A5 technical meeting in early 2013.

13:00-14:00 – Lunch

14:00-16:00

Action 1 (Information Management) meeting (J. Peterseil, EAA, Austria; A. Oggioni, CNR, Italy)

- Presentation of the final version of DEIMS for EnvEurope
- Training on how to fill the metadata.
- Demo of the practical usage of DEIMS concerning connections among metadata models (dataset, person and site) and related data.

16:00-16:20 – Break

16:20-18:30

Action 1 (Information Management) & Action 3 (Scientific analysis) joint workshop on the use of data services for the workflow of analysis (J. Peterseil, EAA, Austria; M. Adamescu, UniBuc, Romania; A. Oggioni, CNR, Italy; H. Schentz, EAA, Austria).

- Use of data services for the workflow of analysis.
- How to connect metadata and data

18:30 – Closing of plenary session

18:30-20:30

ONLY EnvEurope Action leads: QA/QC and Action 8 meeting

Wednesday 5th December
9:00 – 18:30

EXPEER Related Sites Group (RSG) of scientific site co-ordinators

ILTER & EXPEER & EnvEurope people are invited to participate and contribute to the discussion

9:00-10:30

EXPEER and the Related Sites Group (M. Mirtl, EEA, & M. Frenzel, UFZ)

- Introduction to EXPEER & Purpose of the Related Sites Group (M. Mirtl, EEA)
- Report from the RSG Start-up in Leipzig, including criteria for membership and expansion strategy (M. Frenzel, UFZ)
- Discussion

10:30-11:00 – Break

11:00-12:00

Opportunities from Transnational Access and strategy towards concrete projects

- Background and procedure
- Discussion
- Brainstorming on potential topics and projects

12:00-13:15 – Lunch

Infrastructure strategies from the site co-ordinators perspective

13:15-14:15

- Strategic environment of LTER-Europe (overview), ANAEE and contacts/overlaps with other communities (M. Mirtl, EEA)
- Lightning talk: Developing a site from extensive to regular and highly instrumented LTER for multiple use - integrating long-term observation of entire ecosystems with highly instrumented hot spots by use of state-of-the art technology (F.J. Bonet Garcia, LTER Spain, Univ. Granada)

14:15-15:00

Creating the basis for project involvements: site metadata, harmonization with other in-situ networks & integrating site meta-databases beyond LTER and globally

- Introduction: The role of site metadata (M. Mirtl, EEA, 10 min)
- DEIMS – The site metadata component of the global LTER CMS (D. Blankman, BGU, 20 min)
- BioFresh – Assembling the freshwater biodiversity puzzle - ways to future collaboration and integration (A. Schmidt-Kloiber, BOKU, 20 min)

15:00-15:30 (upon arrival of speaker, ev. to be shifted after break)

- ESFRI LifeWatch (W. Los, UA, LifeWatch Co-ordinator)

15:30-16:00 – Break

16:00-17:30

Best examples for practical integration- efforts on the site and national level

- Italy (G. Matteucci, CNR, 20+10 min.)
- Austria (M. Mirtl, EEA, 20+10 min.)
- Finland (M. Forsius, SYKE, 20+10 min.)

17:30-18:30

Further developing the RSG and interaction with other communities

- Break out groups
- Plenary discussion

Thursday 6th December
Morning 8:30 – 12:45

10th LTER-Europe Conference: Joint session with RSG and EnvEurope

8:30-10:00

Scientific session with focus on multi-site projects and highly instrumented sites

- *LTER UK (ECN) based research on carabid beetles (A. Sier, CEH, 20 min)*
- *Multi-site meta-analysis on vegetation trends (C. Baessler, UFZ, 10 min)*
- *Long-term research in remote lakes: LTER-Italy case studies, from the Alps to the Himalaya (M. Rogora, CNR, 20 min)*
- *Overview of recent research results from Belgium forest sites including an highly-instrumented site (N. Cools, M. Hens, M. Hoffmann et al., INBO, 15 min)*
- *Paradigm shift in phytoplankton research: the example of Balaton LTSE shallow lake platform (L. Vörös, B. Somogyi, K. Pálffy, LTER Hungary, 15 min)*

10:00-11:45

Key technical and design results from EnvEurope

- *Short EnvEurope introduction (A. Pugnetti, CNR, Italy, 10 min)*
- *Metadata and Data - Experiences from the EnvEurope project (J. Peterseil, 15 min)*

10:30-11:00 – Break

- *Approaches for standardized measurements at LTER-sites (M. Frenzel, 15 min)*
- *A metadata analysis of LTER-Europe sites (P. Colangelo., A. Campanaro, M. Mirtl. J. Peterseil, 15 min)*
- *Testing common monitoring and research parameters: **lessons learned** from the EnvEurope field exercise (M. Bascietto, G. Matteucci, 10 min)*

11:45-12:45

EnvEurope Action A3: Selection of scientific case studies

- *The need for long term data: the contribution of EnvEurope Action 3, actual status and future steps (M. Adamescu, UniBuc, 15 min)*
- *Tree-ring chronologies in relation to past human and natural disturbances (S. Neagu, ICAS, 15 min)*
- *Phenological variations in response to climate change (A. Oggioni, A. Campanaro, CNR, 15 min)*
- *Spatio-temporal assessments of ecosystem functions and services across different LTER Europe sites (R. Diaz-Delgado, CSIC, 15 min)*

12:45-13:45 – Lunch

Thursday 6th December
Afternoon 13:45 – 18:30

10th LTER-Europe Conference

LTER-Europe strategic and scientific multi-site projects and involvements: Status, SWOT, future framework & actions in preparation of the phase beyond 2013

13:45-14:30

Overview of current projects, lessons learned

- Overview of current projects (EUDAT, ENVRI, EnvEurope etc.) (M.Mirtl, EEA)
- Involvement in ILTER projects: Short presentation and discussion (M. Forsius, K. Krauze, L. Halada)
- Lessons learned: Multi Site Experiment I & II (M. Frenzel on behalf of J. Stadler, UFZ)

14:30-15:30

Framework beyond 2013 & wake up call

- Introduction
- "Environment" in Horizon2020 in a nutshell (D. Sani, ASTER, 10 min)
- Inter Academy Panel/IAP & UNESCO IHP Ecohydrology Programme – developing an interdisciplinary, global network of demonstration sites (K. Krauze, ERCE, 10 min)
- Possibilities in the field of LTSE (via SKYPE: D. Orenstein, LTER Israel, 15 min)
- Provocative talk & comfort: Why do we need LTER?... and the outcome of the 2012 EC Infrastructure Survey (M. Mirtl et al., 15 min)

15:30-16:00 – Break

16:00-17:30

Workshop, group work, brainstorming

- Prerequisites for multi-site LTER projects
- Possibilities to use EnvEurope A3 projects, ILTER projects or the Multi Site Experiment as nucleus for bigger applications
- "Champions" for project initiation: what people would like to do motivated from research questions and necessary framework

17:30-18:15

Wrap up and planning

- Reports from workshop
- Priority plan

A minute's silence in memory of Matthias Dobbertin, LTER Switzerland

About 20:30....For those interested: Opportunity for historical social dancing, to be organized and announced separately by our forceful and adorable long-term trainer Mark Frenzel

Friday 7th December
8:30 – 13:00

10th LTER-Europe Conference National Networks Representatives Conference (NNRC)

8:30-09:00

Opening & ILTER report

- Adoption of the LTER-Europe 2011 conference minutes (Avila)
- Quorum & minute taker
- Report from 2012 annual ILTER conferenc (M. Mirtl, EEA)
 - a. ILTER 2013 All Scientists Meeting plan

9:00-09:45

Status report from national reps incl. update on emerging LTER networks

- Overview of national networks and their status (M. Mirtl, EEA)
- LTER Netherlands – Using WaLTER as nucleus for the development of a national LTER network (B. Ens, SOVON, R. Loke, IMARES, 15 min)
- Zones Ateliers now formally LTER France (G. Bornette, CNRS, 10 min)
- LTER Belgium (M. Hens, N. Cools, M. Hens, M. Hoffmann, INBO, 10 min)

09:45-11:45

Expert Panel reports

(Contents partly covered by earlier presentations; focus on technical and formal issues)

- Expert Panel on Science Strategy
 - a. Results & analysis of LTER literature collation (K. Krauze, ERCE, 15 min)
 - b. Presentation of strategy by proposed new lead (C. Baeßler, UFZ, 10 min)
- Expert Panel on Network Design report & discussion (A. Campanaro, P. Colangelo & M. Mirtl, 15 min)

10:30-10:50 – Break

- Expert Panel on Information Management
 - a. Report with focus on site metadata status and required activities at the national and site level (J. Peterseil, EEA, 15 min)
 - b. Publishing data with DOIs (M. Frenzel, UFZ, 10 min)
- Expert Panel on LTSER report (E. Furman, SYKE, via SKYPE, 15 min)
 - a. LTSER book (Springer), ALTER-Net Summer School
 - b. Planning for LTSER workshop as part of 2013 LTER-Europe conference
- Expert Panel on Communication (A. Sier, CEH, 10 min)
- Expert Panel on Standardisation & Technology: covered by Thursday presentation by M. Frenzel, UFZ

11:45-12:30

Formal issues

- Election of officers (EPs Science Strategy & LTSER, Chair, Vice chair)
- Secretariat
- LTER-Europe conference in 2013: venue/host
 - a. proposal 1: November/December week 2013, Rome, as joint event with EnvEurope and containing a scientific conference part) (A. Pugnetti)
 - b. proposal 2: Paris, hosted by LTER France (C. Marechal)
 - c. proposal 3: Lodz/Poland, Sept. 2013 back to back with "Towards Engineering...." conference mentioned below (K. Krauze)

12:30-13:00

Miscellaneous

- Forthcoming conferences
 - a. Towards Engineering Harmony Between Biogeosphere and Society, Lodz, Sept 2013 (K. Krauze)
 - b. INTECOL 2013 – session London UK, August 2013 (C. Baeßler)
 - c. ALTER-Net Conference: "Science underpinning the EU 2020 Biodiversity Strategy", April 15-18 2014, Ghent, BG (M. Hens or M. Mirtl)

Closing of conference