



Project no. **GOCE-CT-2003-505540**

Project acronym: **Euro-limpacs**

Project full name: **Integrated Project to evaluate the Impacts of Global Change on European Freshwater Ecosystems**

Instrument type: **Integrated Project**

Priority name: **Sustainable Development**

Deliverable No. 40
Report on all meetings attended at which the Project has been represented and publicised

Due date of deliverable: **Month 12**

Actual submission date: **Month 12**

Start date of project: **1 February 2002**

Duration: **5 Years**

Organisation name of lead contractor for this deliverable: **UCL**

Revision: Final

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination Level (tick appropriate box)		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

External Meetings Attended By Participants February 2004 - January 2005

Date	Location	Type	Title of Meeting	Attendees	Notes
16.02.04-17.02.04	University of Birmingham, United Kingdom	UK Environment Agency National Workshop	What we need to know and when: Decision-makers' perspectives on climate change science.	P. Whitehead (AERC)	Presentation on climate change, WFD and Euro-limpacs.
26.02.04	London, United Kingdom	National Meeting	Dept. for the Environment, Food and Rural Affairs, Freshwaters Umbrella Group.	R. Battarbee, (UCL)	Presentation on Project objectives.
01.03.04	Ponta Delgada, Portugal	International Seminar	Biomanipulation and Restoration of Freshwater Lakes.	E. Jeppesen, (NERI) M. Søndergaard (NERI)	Invited speech ¹ Invited speech
15.03.04-16.03.04	University of Münster, Germany	Workshop	Interdisziplinäre Methoden des Flussgebietsmanagements	T. Horlitz (ENTERA)	Informal discussions.
26.03.04-28.03.04	Inverness, United Kingdom	Conference	Terrestrial Environmental Changes in the Highlands and Islands: from Mountain Summits to Coasts.	R. Helliwell (MI)	Euro-limpacs poster ²
23.4.04	Nijmwegen, The Netherlands	Meeting	Meeting on transnational water management in Germany and The Netherlands.	D. Hering (UDE)	Discussion of water management in relation to climate change.
05.05.04	Norwegian University of Life Sciences, Norway	National meeting	Norwegian Hydrological Society - Scaling of Hydrological Processes.	Ø. Kaste (NIVA)	Presentation WP6, (model chaining)
10.05.04-11.05.04	Lüneburg, Germany	Workshop	Interreg Water Forum.	T. Horlitz (ENTERA)	Informal discussions.
16.05.04-20.05.04	Montreal, Canada	Symposium	AGU/CGU Spring Symposium.	K. Bishop, H. Laudon (SLU)	Poster presentations ³
17.05.04	Almelo, The Netherlands	Meeting	Introduction of Eurolimpacs to regional water authorities Vecht catchment.	P. Verdonschot, H. Vlek, N. Evers (ALTERRA)	Discussion on data availability and mutual cooperation.
18.5.04	Minden, Germany	Meeting	Working Group of the Federal States on Water Problems.	D. Hering (UDE)	Discussion of national river assessment methods.
19.05.04-23.05.04	Regensburg, Germany	Workshop	17th annual workshop of the Gesellschaft für Ökologie (GfÖ), working group Population Biology of Plants.	M.B. Soons (UU-Bio)	Presentation.
24.5.04 –	Helsinki,	CEN	CEN/TC 230/WG 2.	D. Hering	Discussion of

25.5.04	Finland	Meeting		(UDE), O Moog (BOKU)	future standards "Multi-Habitat Sampling" and "Multimetric Indices", liaison with FreshwaterLife databases
26.05.04	London, United Kingdom	Forum	Eutrophication Forum.	P. Whitehead (AERC)	Presentation of the INCA-P model.
03.06.04	Zwolle, The Netherlands	Meeting	Eurolimpacs in Vecht catchment.	P. Verdonschot, H. Vlek, N. Evers (ALTErrA)	Presentation of Eurolimpacs.
07.06.04-11.06.04	Vancouver, Canada	Conference	Annual Meeting North American Benthological Society.	R. Nijboer (ALTErrA)	Presentation on <i>Agapetus fuscipes</i> .
26.06.04	Kassel, Germany	Conference	Water research – a balancing act between meeting demands of the present and safeguarding the future.	E. Jeppeson (NERI)	Key-note lecture.
27.06.04-02.07.04	Ljubljana, Slovenia	Conference	7th International Conference on Mercury as a Global Pollutant.	K. Bishop (SLU)	Oral and poster presentations ⁴
28.6.04	Berlin, Germany	Meeting	National working group on intercalibration.	D. Hering, C. Meier (UDE)	Discussion of national river assessment methods.
29.06.04-30.06.04	Tejmlou u Stach, Czech Republic	Conference	Atmospheric Deposition - 2004	J. Kopáček (HBI-ASCR)	Oral presentation ⁵
01.07.04-03.07.04	Milan, Italy	Workshop	SETAC Europe Workshop on POPs in Mountain Areas.	J. Grimalt (CSIC)	Invited lecture.
01.07.04	SMHI, Norrköping, Sweden	Workshop	EU-CLIME workshop.	G. George (NERC); U Nickus, H Thies (UIBK)	Climate Scenario work for Euro-impacs.
21.07.04-23.07.04	University of Plymouth, United Kingdom	Conference	Climate Change and Aquatic Systems: Past, Present & Future.	J. Murphy, (NERC); R. Battarbee (UCL); L. Carvalho (NERC) M. Gessner (EAWAG)	Presented WP2. Presentation ⁶ Presentation on WP3. Presentation of data relevant to WP3.
25.07.04-30.07.04	Utrecht, The Netherlands	Conference	INTECOL 7th International Wetlands Conference.	J.T.A. Verhoeven, M.B. Soons (UU-Bio) E. Jeppesen, (NERI) T Lauridsen	Oral presentation Oral presentation ⁷ Oral presentation

				(NERI)	
08.08.04-14.08.04	Lahti, Finland	Conference	Congress of the International Association of Limnology (SIL).	M. Forsius, A. Lepistö, J. Vuorenmaa (SYKE) P. Verdonschot, R. Nijboer (ALTERRA) J. Kopáček (HBI-ASCR) L. Liboriussen, (NERI) E. Jeppesen (NERI) M Søndergaard (NERI) M. Bramm, M. Meerhoff (NERI) D. Livingstone (EAWAG)	Posters and presentation WP6 ⁸ Presentation on climate change and hydromorphology. Oral presentation ⁹ Oral presentation ¹⁰ Plenary, and chairman Oral presentation and chairman Oral presentations Oral and poster presentations ¹¹
08.08.04-12.08.04	Tallinn, Estonia	Conference	XXIII Nordic Hydrological Conference.	K. Granlund, K. Rankinen (SYKE)	Presentation WP6 ¹²
14.08.04-18.08.04	Kaustua, Finland	Workshop	CARE workshop.	S. Amsinck (NERI) E. Jeppesen, M Søndergaard L. Johansson (NERI)	Oral presentation ¹³ Oral presentations
22.08.04-26.08.04	Silkeborg, Denmark	Conference	Behaviour and ecology of freshwater fish: Linking ecology and individual behaviour.	T. Lauridsen (NERI) E. Jeppesen (NERI)	Poster ¹⁴ Oral presentation, chairman
07.09.04-09.09.04	Umeå, Sweden	Conference	Norwegian-Swedish Conference on acidification and liming.	R. Wright, A. Hindar, F. Kroglund (NIVA) K. Bishop (SLU)	Euro-limpacs discussed
15.09.04-18.09.04	Tulcea, Romania	Symposium	The 13th annual simposium "Deltas and wetlands 2004"	A.Vadineanu, M. Adamescu (UNIBUC-ECO)	Poster
20.09.04-24.09.04	Potsdam, Germany	Conference	DGL Conference (German Limnological Society).	S. Jähnig, (UDE), A. Lorenz, (UDE)	Presentation on WP2 Presentation on WP7
21.09.04	Ootmarssum,	Meeting	Restoration project	P.	Planning

	The Netherlands		meeting Springendal.	Verdonschot, R. Nijboer (ALTERRA)	hydromorphological restoration.
21.09.04	Gees, The Netherlands	Meeting	Restoration project meeting Geeserstroom.	P. Verdonschot, R. Nijboer (ALTERRA)	Planning hydromorphological restoration.
22.09.04-25.09.04	Kranjska Gora, Slovenia	Conference	ALPWEEK	R. Psenner (UIBK)	Euro-limpacs poster ²
22.09.04	Almelo, The Netherlands	Meeting	End-user meeting.	J.T.A. Verhoeven, M.B. Soons (UU-Bio)	Presentation
23.9.04	Potsdam, Germany	Meeting	Working Group of the Federal States on Water Problems.	D. Hering (UDE)	Discussion of national river assessment methods.
27.09.04-01.10.04	Berchtesgaden, Germany	Conference	International Conference on Hydrology in Mountain Environments.	K. Duwe (HYDROMOD)	WP 6 Presentation
28.09.04-30.09.04	Orleans, France	Meeting	EU-EUROWET	C. Schulz (UFZ)	Oral presentation
03.10.04-06.10.04	Bayreuth, Germany	International Workshop	Dissolved organic matter and the cycling of carbon, nutrients and metals.	K. Bishop (SLU)	Invited speaker ¹⁵
04.10.04	Srní, Czech Republic	Conference	Research in the Bohemian Forest.	J. Hejzlar (HBI-ASCR)	Oral presentation ¹⁶
06.10.04	Joensuu, Finland	Seminar	North Karelia Regional Environment Centre.	M. Forsius (SYKE)	Oral presentation
09.10.04-14.10.04	Wuhan, China	Symposium	Symposium of Aquatic Plant Biology.	E. Jeppeson (NERI)	Keynote speech ¹⁷
22.10.04	London, United Kingdom	Meeting	Department for the Environment, Food and Rural Affairs.	A. Wade (AERC)	Presented INCA-P model.
23.10.04-25.10.04	FEI, Helsinki, Finland	Conference	How to Assess and Monitor Ecological Quality in Freshwaters.	M. Kernan, (UCL)	Euro-limpacs poster ²
24.10.04-28.10.04	Busan, Korea	Conference	4 th Conference of International Society for Ecological Informatics.	Y-S Park (CNRS-UPS)	Oral presentation ¹⁸
26.10.04	Aberdeen, United Kingdom	Lecture	24 th TB Macaulay Lecture.	R. Helliwell, (MI)	Eurolimpacs poster ²
27.10.04	Edinburgh, United Kingdom	Meeting	REBECCA Project meeting.	R. Battarbee, G. Simpson (UCL)	WP8 Presentation
28.10.04-29.10.04	Sitges, Spain	Meeting	5 th Meeting of the WGE Joint Expert Group on Dynamic Modelling.	F. Moldan (IVL) R. Helliwell (MI)	Presented overview of Eurolimpacs. Participant in discussions.
09.11.04-12.11.04	Reykjavik, Iceland	Conference	ACIA International Scientific Symposium on	J. Olafsson (UICE)	Poster WP3

			Climate Change in the Arctic.		
10.11.04	Palacky University Olomouc, Czech Republic	Conference	River Landscape.	K. Brabek, L. Opatrilova, O. Hajek, K. Petrivalska, V. Syrovatka (MasUniv)	Oral presentation ¹⁴
14.11.04-18.11.04	Oregon, USA	Conference	4 th World SETAC Conference.	J. Grimalt (CSIC)	3 invited presentations.
16.11.04	Helsinki, Finland	National meeting	Dissemination of FP6 projects to the public; (The Finnish Secretariat for EU R&D / TEKES).	M. Forsius (SYKE)	Presentation on Project objectives.
20.11.04-21.11.04	Bucharest, Romania	Conference	Conference on sustainable development.	A. Vadineanu (UNIBUC-ECO)	Presentation
22.11.04	Norwegian Water Resources and Energy Directorate, Oslo, Norway	National meeting	Effects of climate change on hydrology and water quality - Norwegian Water Association.	Ø. Kaste (NIVA)	Presentation WP6, (model chaining).
29.11.04-3.12.04	Killarney, Ireland	Project Meeting	CLIME Project Meeting.	G. George (NERC); U Nickus, H Thies (UIBK)	Climate Scenario work for Euro-limpacs
7.12.04	Würzburg, Germany	Meeting	Working Group of the Federal States on Water Problems.	D. Hering (UDE)	Discussion of national river assessment methods.
12.12.04-17.12.04	San Francisco, USA	Meeting	AGU Fall Meeting.	K. Bishop (SLU)	Invited speaker ²⁰
26.01.05-27.01.05	Den Bosch, The Netherlands	Symposium	Necov annual winter symposium 'Ecologische verbindingen'.	M.B. Soons (UU-Bio)	Poster presentation
06.01.05	Birmingham, United Kingdom	Meeting	British Phycological Society Meeting.	B Moss (ULIV)	Euro-limpacs mentioned in invited talk.
20.01.05-21.01.05	Zurich, Switzerland	Workshop	CEEC Workshop at EAWAG.	J. Grimalt (CSIC)	Invited lecture
27.01.05	Silkeborg, Denmark	Meeting	Annual meeting with freshwater managers.	E. Jeppeson (NERI)	Oral presentation – ideas behind Euro-limpacs and progress to date.

Notes

- ¹ Presentations: Jeppesen, E., Søndergaard, M., Jensen, J.P., Lauridsen, T.L. & Amsinck, S.L.: The role of fish for water quality: evidence from monitoring data, experiments and biological fossils in the sediment.
Søndergaard, M. & Jeppesen, E.: Lake Restoration in Denmark: Results and Experience.

- ² Poster: Euro-limpacs – An integrated approach to evaluate the impacts of global change on European freshwater ecosystems.
- ³ Poster: Bishop, K. and J. Temnerud: Spatial Variation of Stream Water Chemistry in two Swedish Boreal Catchments: Implications for Environmental Assessment.
 Poster: Bishop, K. and J. Temnerud: Spatial Flux Variations of Dissolved Organic Carbon (DOC) Along Streams in two Boreal Catchments in Northern Sweden
- ⁴ Presentations: Bishop, K., I. Bergman, et al. The effect of chronic sulphur deposition on the seasonal variation of peat pore water methylmercury and the vertical distribution of sulphur reducing bacteria in a boreal mire.
 Munthe, J., K. Bishop, et al. . Input-output of Hg in forested catchments in Europe and North America.
 Meili, M., K. Bishop, et al. Modelling and mapping critical levels of atmospheric mercury pollution in forest and lake ecosystems.
 Poster: Bishop, K. and Lee Y.H. Cycling of methylmercury and mercury in a boreal catchment: Input-Output budget and Hg soil stores
- ⁵ Presentation Kopáček, J. and Veselý J.: Sulfur and nitrogen emissions in the Czech Republic and Slovakia from 1850 till 2000.
- ⁶ Presentation: Global warming and lakes - a palaeolimnological perspective.
- ⁷ Presentations: Jeppesen, E., Søndergaard, M. & Lauridsen, T.L.: Macrophyte-fish-zooplankton-phytoplankton interactions – a summary of numerous experiments conducted over the last 10 years.
 Lauridsen, T.L., Jeppesen, E., Declerck, S., Christoffersen, K., Conde Porcuna, J.M. & De Meester, L.: The BIOMAN results compared to other studies on biodiversity in shallow lakes.
- ⁸ Poster: Vuorenmaa, J., Forsius, M. and Mannio, J. Increasing trend of total organic carbon concentrations in small forest lakes in Finland 1987-2003.
 Poster: Granlund, K., Lepistö, A. and Rankinen, K. Integrated nitrogen modelling (INCA) in a small agricultural catchment in Southern Finland.
 Presentation: Karvonen, T., Granlund, K. and Thouvenot, M. Modelling of various forms of nitrogen and their behaviour in a small agricultural catchment in southern part of Finland. Part I: Nitrogen load from different land use types.
- ⁹ Presentation: Kopáček, J., Hejzlar, J. and Vrba, J.: Natural inactivation of phosphorus by aluminium and its impact on in-lake phosphorus cycling.
- ¹⁰ Presentation: Liboriussen, L., Jeppesen, E., Landkildehus, F., Søndergaard, M., Christoffersen, K. & Richardson, K.: Climate warming design and performance of a long-term mesocosm experiment.
- ¹¹ Presentation: Systematic differences in the trend towards earlier ice-out on Swedish lakes along a latitudinal temperature gradient.
 Poster: Patterns of deviation from linearity in the relationship between lake surface temperature and altitude above sea level in the Swiss Alps.

- ¹² Presentation: Granlund, K. Runoff conditions and nitrogen leaching in agricultural catchments in southern Finland.
- ¹³ Presentation: Paleolimnological investigations - basic principals.
- ¹⁴ Poster: Lauridsen, T.L., Jeppesen, E., Overgård, M., Søndergaard, M., Pedersen, A.R. & Landkildehus, F.: Variations in habitat selection of zooplankton in a turbid and a clear water shallow lake during a one-year period.
- ¹⁵ Presentation: Bishop, K., H. Laudon, et al. Dissolved organic matter as the vehicle to link soil and aquatic systems.
- ¹⁶ Presentation: Hejzlar, J., Kopáček J., Kettle H.: Modelling Air Temperature at Čertovo Lake back to 1781.
- ¹⁷ Presentation: Jeppesen, E., Søndergaard, M., Jensen, J.P., Lauridsen, T.L. & Meerhoff, M.: The ecosystem role of aquatic macrophytes in lakes.
- ¹⁸ Presentation: Park, Y-S., J. Tison, M. Coste, F. Delmas. Patterning diatom communities at different land cover types using Self-Organizing Map.
- ¹⁹ Presentation: Brabec, K. Interactions between stream hydromorphology and assessment of ecological status.
- ²⁰ Presentation Bishop, K., S. Köhler, et al. Riparian Zone Controls on the Chemical Dynamics of DOC-Rich Runoff from a Boreal Hillslope
Buffam, I., K. Bishop, et al. Spatial and Temporal Variability of DOC in a Boreal Catchment.