

**Sunday, August 16<sup>th</sup>, 2009**

14.00 Registration, mounting posters (Session 1) and setting up of exhibition stands (to 19.00)

19.00 **Welcome Party** (The Mirrors Hall, The International Conferences Centre)

**Monday, August 17<sup>th</sup>, 2009**

7.30 AV testing & loading for morning speakers in the appropriate room (A, B or C)

8.00 Registration, mounting posters (Session 1)

9.00 **Welcome** (Conference Hall 1 - Session A)

9.00 Welcome Addresses and announcements

9.05 *Ioan Panzaru*: Rector of the University of Bucharest

9.10 *Angheluta Vadineanu*: Chairman of the Department of Systems Ecology and Sustainability and Director of the Romanian Ecological Society

9.15 *Colin S. Reynolds*: Chairman of the European Federation for Freshwater Sciences (EFFS)

9.25 *Plenary lecture 1* (see next page)

Monday, August 17<sup>th</sup>, 2009

- 7.30 AV testing & loading for morning speakers in the appropriate room (A, B or C)  
8.00 Registration, mounting posters (Session 1)

Session A (Conference Hall 1)

- 9.25 **Plenary lecture 1** Chair: Colin S Reynolds  
*Peeter Noges*  
Europe-wide perceptions of water quality and sensitivities to global change  
**Aquatic biodiversity: assessment, conservation and management (1)** Chair: Colin S Reynolds
- 10.05 *Kevin J COLLIER, John LEATHWICK, Bruno DAVID*  
Determining stream biodiversity conservation priorities on private land in the Waikato Region of New Zealand
- 10.25 *Luana SILVERI, Maria Cristina BRUNO, Mauro CAROLLI, Maiolini BRUNO*  
Hydropeaking impact on the vertical connectivity, effects on stonefly stygophilous species
- 10.45 COFFEE/TEA
- Aquatic biodiversity: assessment, conservation and management (2)** Chair: Colin S Reynolds
- 11.10 *Mikko OLIN, Martti RASK, Jukka RUUHIJARVI*  
Evaluation of the finnish fish-based lake classification method
- 11.30 *Sirma ÇAPAR DINÇER*  
Contribution to geographic distribution of *kahlilembus attenuatus* (Smith, 1897) (ciliophora: hymenostomata)
- 11.50 *Paul LEONARD, Jason DEBNEY*  
The river Thames landscape strategy: working in partnership to meet common aims
- 12.10 *Ralf VERDONSCHOT, Piet VERDONSCHOT*  
The efficiency of activity traps in bioassessment of macroinvertebrate communities in drainage ditches
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 2** Chair: Jordi Catalan  
*Erik Jeppesen*  
Shallow lake dynamics in a climate change perspective  
**Aquatic biodiversity: assessment, conservation and management (3)** Chair: Jordi Catalan
- 14.40 *Gorazd URBANIČ, Maja PAVLIN*  
Impact of impoundments on benthic invertebrate assemblages; a biodiversity aspect in lowland ecoregions of Slovenia
- 15.00 *Fanny COLAS, Virginie ARCHAIMBAULT, Simon DEVIN*  
Methodology to evaluate the effects of sediment contaminants on macroinvertebrates communities - an example from a torrential system on two storages of fier - Anney (France)
- 15.20 *Leslie FAGGIANO, Sovan LEK, Dick De ZWART, Muriel GEVREY*  
Testing links between predicted risk of toxicant mixture and fish assemblages using predictive models
- 15.40 *Evelyne FRANQUET, Alain MAASRI, Gait ARCHAMBAUD-SUARD, Stéphanie FAYOLLE, Cécile CLARET, Valentine CARTIER, Bernard DUMONT*  
Macroinvertebrates of intermittent Mediterranean streams: local biodiversity and climate changes
- 16.00 COFFEE/TEA
- Aquatic biodiversity: assessment, conservation and management (4)** Chair: Piet Verdonschot
- 16.30 *Jesús CASAS, Juan Salvador SÁNCHEZ-OLIVER, Ana SANZ, Miriam FURNÉ, Mariano PARACUELLOS, María DOLORES SUAREZ, Cristina TRENZADO*  
The value of irrigation ponds, as compared with natural habitats, for the conservation of endangered species: the case of the Iberian toothcarp (*Aphanius iberus*, cuvier & valenciennes, 1846)
- 16.50 *Juan MELCHOR, Santiago BONACHELA, Antonia ELORRIETA, Francisca FUENTES, Irene GALLEGRO, Jesus CASAS*  
Effects of pond management on water quality for irrigation and on the assemblages of aquatic fungi
- 17.10 *Mark DUNSCOMBE, Anne ROBERTSON*  
Towards an understanding of hydrogeologic controls on lowland hyporheic assemblages in the UK

Monday, August 17<sup>th</sup>, 2009

Session B (Conference Hall 2)

- 9.25 **Plenary lecture 1** *Chair: Colin S Reynolds*  
*Peeter Noges*  
Europe-wide perceptions of water quality and sensitivities to global change  
**Rivers and streams ecology and management (1)** *Chair: Angheluta Vadineanu*
- 10.05 *Thibault DATRY, Guillaume Le GOFF, Michel PHILIPPE*  
Benthic and hyporheic invertebrate assemblages along a flow permanence gradient in a French river
- 10.25 *Hiranthi WALPOLA, Maria LEICHTFRIED, Mala AMARASINGHE, Leopold FÜREDER*  
Comparison of leaf-litter decomposition of a native (*Ochlandra stridula*) and of an exotic plant species (*Hevea brasiliensis*) in a Sri Lankan stream
- 10.45 COFFEE/TEA
- Rivers and streams ecology and management (2)** *Chair: Angheluta Vadineanu*
- 11.10 *Isabelle COMBROUX, Michèle TREMOLIERES*  
Impacts of restoration of connectivity in Rhine side channels
- 11.30 *Maria Cristina BRUNO, Bruno MAIOLINI, Mauro CAROLLI, Luana SILVERI*  
River (dis)continuity in the Italian Alps
- 11.50 *Zuzana PASTUCHOVA, Milan LEHOTSKY, Anna GRESKOVA*  
Morphohydraulic structure of small streams channel in relation to macroinvertebrate communities
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 2** *Chair: Jordi Catalan*  
*Erik Jeppesen*  
Shallow lake dynamics in a climate change perspective  
**Rivers and streams ecology and management (3)** *Chair: Maria Leichtfried*
- 14.40 *Burak ÖTERLER, Timur KIRGIZ, Meriç ALBAY, Belgin CAMUR-ELİPEK*  
The phytoplankton richness of streams feeding Iğneada Longos (Turkish Thrace); a case study
- 15.00 *Vesna PETKOVSKA, Gorazd URBANIČ*  
Effect of fixed-fraction subsampling on macroinvertebrate bioassessment of rivers
- 15.20 *Ilja KRNO, Pavel BERACKO, Daniela ILLÉŠOVÁ*  
Effects of land use on macrozoobentos in submontane streams (West Carpathians, Slovakia)
- 15.40 *Javier PÉREZ, Ana BASAGUREN, Aingeru MARTÍNEZ, Clara MENDOZA, Aitor LARRAÑAGA, Jesús POZO*  
Effects of river impoundment on leaf litter breakdown in northern Spain
- 16.00 COFFEE/TEA
- Rivers and streams ecology and management (4)** *Chair: Maria Leichtfried*
- 16.30 *Aitor LARRAÑAGA, Jesús CASAS, Margarita MENÉNDEZ, Salvador MOLLÁ, Ana BASAGUREN, Carmen CASADO, Karen CORRAL, Enrique DESCALS, Javier GARCÍA-AVILÉS, José M. GONZÁLEZ, Enrique LÓPEZ, Mirian LUSI, Javier PÉREZ, Tecla RIERA, Neftalí ROBLAS, Jacoba SALINAS, Jesús POZO*  
Variability of the leaf litter processing in headwater streams of the Iberian Peninsula
- 16.50 *Marko MILIŠA, Vesna ŽIVKOVIĆ, Renata MATONIČKIN KEPČIJA, Mirela SERTIĆ-PERIĆ*  
Increased sediment load disturbance effects on stream macroinvertebrates
- 17.10 *Roland CORTI, Datry THIBAUT, Claret CECILE, Philippe MICHEL*  
Leaf litter decomposition along a flow permanence gradient in a French river

Monday, August 17<sup>th</sup>, 2009

Session C (Conference Hall 3)

- 9.25 **Plenary lecture 1** Chair: Colin S Reynolds  
*Peeter Noges*  
Europe-wide perceptions of water quality and sensitivities to global change
- 10.05 **Extreme habitats and effects of global change (1)** Chair: Sergi Sabater  
*Zuzana ČIAMPOROVÁ-ZAŤOVIČOVÁ, Ladislav HAMERLÍK*  
Littoral benthic macroinvertebrates of alpine lakes (Tatra Mts, Slovakia) in altitudinal gradient: a basis for climate change assessment
- 10.25 *Elisabeth I. MEYER, H. Wolfgang RISS*  
Global warming as a driver of biodiversity in karst streams?
- 10.45 COFFEE/TEA
- Freshwater systems undergoing climatic changes (1)** Chair: Rene Groben
- 11.10 *Alex ELLIOTT, Vicky BELL*  
The conservation of a fish species: what does the future hold for the vendace (*Coregonus albula* (L.)) in the UK under a changed climate?
- 11.30 *Vicenç ACUÑA, Diego TONOLLA, Klement TOCKNER*  
Thermal landscapes in alpine river corridors
- 11.50 *Ian JONES, Ian WINFIELD*  
Long-term changes in habitat availability for arctic charr in a temperate lake
- 12.10 *Veronique ROSSET, Beat OERTLI*  
Climate warming and eutrophication: how will they impact local pond diversity?
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 2** Chair: Jordi Catalan  
*Erik Jeppesen*  
Shallow lake dynamics in a climate change perspective
- Freshwater systems undergoing climatic changes (2)** Chair: Rene Groben
- 14.40 *Belinda GALLARDO, Alvaro CABEZAS, María GONZÁLEZ-SANCHÍS, Eduardo GONZÁLEZ, Mercedes GARCÍA, Gascón STÉPHANIE, Comín FRANCISCO*  
Aquatic community patterns across environmental gradients in a Mediterranean floodplain and their application to ecosystem restoration
- 15.00 *Verónica FERREIRA, Eric CHAUVET*  
Synergistic effects of water temperature and dissolved nutrients on litter decomposition and associated fungi
- 15.20 *Piet VERDONSCHOT, Anna BESSE-LOTOTSKAYA*  
Spate frequency and lowland stream resilience: an experimental approach
- 15.40 *Monica TOLOTTI, Ulrike NICKUS, Hansjörg THIES*  
Decoupling nutrient and climate impacts on an alpine lake comparing sediment and long-term limnological records
- 16.00 COFFEE/TEA
- Ecotoxicology (1)** Chair: Judit Padisak
- 16.30 *Chloé BONNINEAU, Marta RICART, Lorenzo PROIA, Helena GUASCH, Anna ROMANI, Sergi SABATER*  
Approaching real complexity: toxic impact of a mixture of diuron and propranolol on fluvial biofilm communities
- 16.50 *Oana Teodora MOLDOVAN, Ioana MELEG, Traian BRAD, Erika LEVEI, Mirela MICLEAN, Bela ABRAHAM, Marin CONSTANTIN, Sanda IEPURE*  
Impact of heavy metals on interstitial fauna: the example of Arieş River (Romania)
- 17.10 *Antonella CATTANEO, Michèle DE SÈVE, Rosario MOSELLO, Gabriele TARTARI, Giuseppe MORABITO*  
Periphyton changes over 20 years of chemical recovery of Lago d'Orta, Italy

**Tuesday, August 18<sup>th</sup>, 2009**

Session A (Conference Hall 1 Hall)

- 8.00 AV testing & loading for morning speakers in the appropriate room (A, B or C)
- 8.30 **Plenary lecture 3** Chair: Peeter Noges  
*Jean-Pierre Descy*  
Microbial communities in large tropical lakes: response to environmental changes  
**Aquatic biodiversity: assessment, conservation and management (5)** Chair: Peeter Noges
- 9.20 *Luciano CAPUTO, Giuseppe ALFONSO, Federico MARRONE, Antoni PALAU*  
Limnological characterization of 16 lentic water bodies belonging to the territory of the 'Fundación San Ignacio Del Huinay', X<sup>th</sup> region de Los Lagos, Chile
- 9.40 *Pierre GIERLINSKI, François GUEROLD, Philippe ROUSSELLE, Philippe WAGNER*  
Evidences for a link between decomposer diversity and functional process of organic matter decomposition
- 10.00 *Nela KUBOVA, Jana SCHENKOVA*  
The occurrence of leeches (hirudinida) on localities with different anthropogenic influence
- 10.20 COFFEE/TEA
- Aquatic biodiversity: assessment, conservation and management (6)** Chair: Peeter Noges
- 10.50 *Giuseppe ALFONSO, Genuario BELMONTE*  
The "age effect" on the zooplankton community structure
- 11.10 *Florent ARTHAUD, Joël ROBIN, Gudrun BORNETTE, Dominique VALLOD*  
Algal productivity and diversity in shallow lakes: the role of nutrients
- 11.30 *Veronika OSTERMAIER, Rainer KURMAYER*  
Genotype determined microcystin net production of *Planktothrix rubescens* in alpine lakes
- 11.50 *Olivier Pierre LAUSECKER, Julio ARCE, Claire DUREN, Stéphane HARNOIS, Caroline MAUDUIT, Simon DEVIN, Philippe USSEGLIO-POLATERA*  
Pressure-health status-impact model and macro-zoobenthos bio-ecological traits use for the evaluation of road de-icers impact on two springs of the granitic Vosges Mountains, France
- 12.10 *Johann MULLER, Florence HULOT*  
Mutualistics effects of the complex *Paramecium bursaria* - *Chlorella vulgaris* on two ciliates: *Colpidium striatum* and *Tetrahymena pyriformis*
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 4** Chair: Meryem Beklioglu  
*Jordi Catalan*  
Persistent pollutants and the understanding of freshwater pelagic food webs  
**Aquatic biodiversity: assessment, conservation and management (7)** Chair: Meryem Beklioglu
- 14.40 *Julia REISS, R. BAILEY, D. PERKINS, G. WOODWARD*  
Body size overrides biodiversity effects on ecosystem processes
- 15.00 *Angela CURTEAN-BANADUC, Doru BANADUC, Dana SIMIAN*  
Lotic biodiversity assessment and management - Vişeu watershed case study
- 15.20 *Teodora-Alexandra PALARIE, Nicoleta GEAMANA, Oana MUSCELEANU, Catalina IONITA, Marius Cosmin OPREA, Angheluta VADINEANU*  
A contribution to the economic valuation of benefits provided by ecological restoration in the lower Danube Basin
- 16.00 COFFEE/TEA
- 16.30 **POSTERS SESSION 1**
- 17.30 **MEETING OF EFFS REPRESENTATIVES**

**Tuesday, August 18<sup>th</sup>, 2009**

Session B (Conference Hall 2)

- 8.30 **Plenary lecture 3** Chair: Peeter Noges  
*Jean-Pierre Descy*  
Microbial communities in large tropical lakes: response to environmental changes
- 9.20 **Rivers and streams ecology and management (5)** Chair: Meric Albay  
*Angheluta VADINEANU, Radu Stefan VADINEANU, Sergiu CRISTOFOR, Mihai Cristian ADAMESCU, Constantin CAZACU, Carmen POSTOLACHE, Geta RISNOVEANU, Gheorghe IGNAT*  
Scientific arguments for identification the lower Danube River System (LDRS) as highly modified water body (HMWB)
- 9.40 *Elisa BOTTAZZI, Alex LAINI, Simone GUARESCHI, Giampaolo ROSSETTI*  
Composition and abundance of meiofauna and macroinvertebrate in mountain streams of northern Italy
- 10.00 *Stephane DESCLOUX, Thibault DATRY, Pierre MARMONIER*  
Effect of streambed clogging on benthic / hyporheic invertebrate assemblages in 3 French rivers
- 10.20 COFFEE/TEA
- Rivers and streams ecology and management (6)** Chair: Meric Albay
- 10.50 *Katharina A. M. DOEHRING, Angus R. MCINTOSH, Roger YOUNG*  
How are we going to get up there? - Research on native fish distribution and the effects of culverts in urban environments
- 11.10 *Anna-Maria ERTEL, Susanne ROLINSKI, Thomas PETZOLDT, Thomas BERENDONK*  
River water quality modelling within an integrated water management framework for the Western Bug region (Ukraine)
- 11.30 *Jon S. OLAFSSON, Groa V. INGIMUNDARDOTTIR, Iris HANSEN, Sesselja G. SIGURDARDOTTIR*  
On the edge; invertebrate assemblages in geothermal affected sub-arctic streams
- 11.50 *Marta ILLYOVÁ, Ilija KRNO*  
Influence of land use on hyporheos in Velká Fatra Mnts. Catchment streams
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 4** Chair: Meryem Beklioglu  
*Jordi Catalan*  
Persistent pollutants and the understanding of freshwater pelagic food webs
- Rivers and streams ecology and management (7)** Chair: Kevin Collier
- 14.40 *Corine GRAC, Florence Le BER, Photis NOBELIS, Michel LAFONT, Michele TRÉMOLIÈRES*  
Response of biological indices to pressures in the running waters of the Alsace floodplain (eastern France).  
Towards a proposal of a new tool for assessing ecological status of waterbodies
- 15.00 *Elena PREDA, Angheluta VADINEANU, Constantin CIUBUC, Sergiu CRISTOFOR*  
Body size dynamics and trophic structure of lotic macroinvertebrate communities
- 15.20 *Octavian PACIOGLU, Anne ROBERTSON, Peter SHAW*  
Hyporheic assemblages and diffuse nitrate pollution in chalk river ecosystems
- 15.40 *M. LEITAO, E. EVERBECQ, J.-P. DESCY*  
Phytoplankton diversity and dynamics in the R. Loire
- 16.00 COFFEE/TEA
- 16.30 **POSTERS SESSION 1**

**Tuesday, August 18<sup>th</sup>, 2009**

Session C (Conference Hall 3)

- 8.30 **Plenary lecture 3** Chair: Peeter Noges  
*Jean-Pierre Descy*  
Microbial communities in large tropical lakes: response to environmental changes
- 9.20 **Microbial systems: communities and processes** Chair: Eric Chauvet  
*Kristin STEGER, Katrin PREMKE, Cristian GUDASZ, Lars J. TRANVIK*  
Seasonal effects on microbial biomass and community structure in lake sediments
- 9.40 *Iwona KOSTRZEWSKA-SZLAKOWSKA*  
Bacterioneuston enzymatic activity in humic lakes
- 10.00 *Linda NEDBALOVÁ, Jan FOTT, Jaroslav VRBA, Jiří KOPÁČEK*  
Current status of the Bohemian Forest lakes: further progress in the recovery from acidity?
- 10.20 COFFEE/TEA
- Freshwater systems undergoing climatic changes (3)** Chair: Stefan Bertilsson
- 10.50 *Doris PICHLER, John B. CHRISTENSEN, Nikolai FRIBERG, Jon S. OLAFSSON, Gislis M. GISLASON, Simon LANGAN, Guy WOODWARD*  
Food webs in a changing climate: impacts of warming on arctic streams
- 11.10 *Viera STRAŠKRÁBOVÁ, Jartomír SEĎA, Michael BREDEMEIER*  
Aquatic ecosystems as indicators of climate and land use changes
- 11.30 *Georgia COSOR, Mihai ADAMESCU, Constantin CAZACU*  
Long-term changes in the climate and hydrological conditions in the Braila Islands LTSER site
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 4** Chair: Meryem Beklioglu  
*Jordi Catalan*  
Persistent pollutants and the understanding of freshwater pelagic food webs
- Life histories** Chair: Dolors Planas
- 14.40 *Cedric MONDY, Virginie ARCHAIMBAULT, Philippe USSEGLIO-POLATERA*  
Changes in freshwater invertebrate feeding specialization and competition in a context of anthropogenic perturbations
- 15.00 *Jaroslav KOBÁK, Tomasz KAKAREKO, Malgorzata POZNANSKA*  
Preferences of the ponto-caspian amphipod *Dikerogammarus haemobaphes* for the habitat formed by living zebra mussels
- 15.20 *Karen Van de WOLFSHAAR, Lara van den BOSCH, Erwin WINTER, Leo NAGELKERKE, Joep de LEEUW*  
Effects of location and flood characteristics on fish growth in the Volga floodplain
- 15.40 *Leena NURMINEN, Zeynep PEKCAN-HEKIM, Jukka HORPPILA*  
Feeding efficiency of perch (*Perca fluviatilis*) and roach (*Rutilus rutilus*) in varying turbidity - an individual-based approach
- 16.00 COFFEE/TEA
- 16.30 **POSTERS SESSION 1**

**Wednesday, August 19<sup>th</sup>, 2009**

**Mid-symposium excursions**

- 8.00 Balea Lake Tour  
8.00 Lakes Tour  
8.30 Sighisoara Medieval Citadel Tour  
9.00 Zarnesti Tour

Thursday, August 20<sup>th</sup>, 2009

Session A (Conference Hall 1)

- 8.00 AV testing & loading for morning speakers in the appropriate room (A, B or C)
- 8.30 **Plenary lecture 5** Chair: Jean-Pierre Descy  
*Stefan Bertilsson*  
Dynamic properties of aquatic microbial communities: finding appropriate scales and drivers
- 9.20 **Large lakes versus shallow lakes (1)** Chair: Jean-Pierre Descy  
*Nadezhda BEREZINA, Sergey GOLUBKOV, Aleksey MAXIMOV, Katerina ARAKELOVA, Ludmila UMNOVA*  
Phosphorus flux by bottom macroinvertebrates in lakes
- 9.40 *Olga BUHVESTOVA, Külli KANGUR, Marina HALDNA*  
The seasonality of nutrient dynamics in two parts of large shallow Lake Peipsi
- 10.00 *Tiina NOGES*  
Relationships between morphometry, geographic location and water quality parameters of European lakes
- 10.20 COFFEE/TEA
- 10.50 **Large lakes versus shallow lakes (2)** Chair: Jean-Pierre Descy  
*Jaroslav VRBA, Jana NOVOTNÁ, Linda NEDBALOVÁ, Jiří KOPÁČEK, Jiří NEDOMA*  
Variations in cell-specific extracellular phosphatase activity of natural dinoflagellate populations: effects of phosphorus deficiency versus light deficiency
- 11.10 *Gorazd URBANIČ, Vesna PETKOVSKA, Maja PAVLIN*  
Response of littoral benthic invertebrates on lakeshore degradation in alpine lakes
- 11.30 *László G.-TÓTH, Laura PARPALA, Eszter BARANYAI, Csilla BALOGH*  
Negative effect of the enhanced turbulence on the zooplankton in Lake Balaton, the largest shallow lake in Central Europe
- 11.50 *Miklos BALINT, Lujza UJVAROSI, Noemi MESZAROS, Octavian POPESCU*  
Genetic differentiation of aquatic insects in the Carpathians: how different can aquatic and terrestrial organisms be?
- 12:30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 6** Chair: Luigi Naselli-Flores  
*Rene Groben*  
Identifying freshwater organisms using molecular biological techniques - a way to replace traditional monitoring methods?
- 14.40 **Water quality and sensitivities to global change (1)** Chair: Luigi Naselli-Flores  
*Philippe CECCHI, Nicolas MOIROUX, Robert ARFI*  
Anthropogenic pressures exerted on watersheds control the dominance of cyanobacteria in West African small reservoirs
- 15.00 *Okan KÜLKÖYLÜOĞLU, Derya AKDEMİR*  
Ecological characteristics of non-marine ostracods (crustacea) from Erzincan (Turkey)
- 15.20 *M. VANDERSTUKKEN, N. MAZZEO, S. DECLERCK, W. Van COLEN, K. MUYLAERT*  
Do macrophytes stabilise the clearwater state with biological mechanisms in subtropical shallow lakes where the refuge effect is absent? - A mesocosm study
- 16.00 COFFEE/TEA
- 16.30 **POSTERS SESSION 2**



Thursday, August 20<sup>th</sup>, 2009

Session B (Conference Hall 2)

- 8.30 **Plenary lecture 5** Chair: Jean-Pierre Descy  
*Stefan Bertilsson*  
Dynamic properties of aquatic microbial communities: finding appropriate scales and drivers
- 9.20 **Rivers and streams ecology and management (8)** Chair: Viera Straskrabova  
*Michael DANGER, Eric CHAUVET*  
Elemental stoichiometry of fungal and bacterial decomposers: effects on the functioning of detritus-based stream ecosystems
- 9.40 *Armin LORENZ, Daniel HERING*  
Downstream dispersal in lowland streams - a matter of habitats?
- 10.00 *Maja PAVLIN, Gorazd URBANIĆ*  
Relationship among nutrients, land use and benthic invertebrates in Slovenian rivers
- 10.20 COFFEE/TEA
- Food webs interactions and food web manipulations (1)** Chair: Mark Gessner
- 10.50 *Vincent MEDOC, Thierry RIGAUD, Loïc BOLLACHE*  
The role of minnows in the trophic transmission of the manipulative parasite *Pomphorhynchus laevis*
- 11.10 *Alexander KOPYLOV, Dmitry KOSOLAPOV, Valentina LAZAREVA, Inna PYRINA*  
Long-term and seasonal changes of planktonic food webs in Rybinsk Reservoir (Upper Volga, Russia): the importance of microbial loop
- 11.30 *Satu ESTLANDER, Leena NURMINEN, Mikko OLIN, Mika VINNI, Matti RASK, Suvi IMMONEN, Jukka HORPPILA*  
Battle in the dark: water colour affecting perch-roach interaction
- 11.50 *Anne LILJENDAHL, Satu ESTLANDER, Jukka HORPPILA*  
Combined refuges in humic lakes - a secret of survival?
- 12.10 *Anatole BOICHE, Damien LEMOINE, Marie-Helene BARRAT-SEGRETAIN, Gabrielle THIEBAUT*  
Testing the evolution of increased competitive ability hypothesis with two generalist herbivores on two exotic macrophyte species
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 6** Chair: Luigi Naselli-Flores  
*Rene Groben*  
Identifying freshwater organisms using molecular biological techniques - a way to replace traditional monitoring methods?
- Food webs interactions and food web manipulations (2)** Chair: Mark Gessner
- 14.40 *Jan FOTT, Veronika SACHEROVA, Radka KRENOVA*  
Recovery of zooplankton from acidity in small headwater mountain lakes
- 15.00 *Julien CORNUT, Arnaud ELGER, Eric CHAUVET*  
Effects of burial on leaf litter processing in a woodland stream
- 15.20 *Alan HILDREW, Jonathan GREY, Mark TRIMMER, Michelle JACKSON*  
Methane-subsidised secondary production in a fast flowing lowland river
- 15.40 *Christiane HUDON, Antonella CATTANEO, Anne-Marie TOURVILLE-POIRIER*  
How does a shift from filamentous chlorophytes to cyanobacterial (*Lyngbya wollei*) mats alter the trophic network in a large fluvial lake?
- 16.00 *Cayetano GUTIÉRREZ-CÁNOVAS, Josefa VELASCO, Juan HERNÁNDEZ, Andrés MILLÁN*  
Shifts in food web structure between two reaches of a saline Mediterranean stream suffering different degrees of stress
- 16.20 COFFEE/TEA
- 16.30 **POSTERS SESSION 2**

Thursday, August 20<sup>th</sup>, 2009

Session C (Conference Hall 3)

- 8.30 **Plenary lecture 5** Chair: Jean-Pierre Descy  
*Stefan Bertilsson*  
Dynamic properties of aquatic microbial communities: finding appropriate scales and drivers
- 9.20 **Patchiness, heterogeneity and fragmentation of the habitat** Chair: Erik Jeppesen  
*Tomasz KAKAREKO, Jaroslaw KOBAK*  
Preferences of two expansive ponto-caspian gobiids, racer goby *Neogobius gymnotrachelus* and monkey goby *Apollonia fluviatilis*, for bottom substrates and macrophyte coverage
- 9.40 *Karla PETRIVALSKA, Karel BRABEC, Vit SYROVATKA, Ondrej HAJEK*  
What do small oligochaetes like? - distribution and habitat preferences of oligochaetes within the hydrologically dynamic lowland river
- 10.00 *Rui CORTES, Simone VARANDAS, Samantha HUGHES, Marco MAGALHAES*  
Environmental drivers of benthic communities: the importance of landscape metrics
- 10.20 COFFEE/TEA
- Mediterranean Limnology (1)** Chair: Erik Jeppesen
- 10.50 *Yaron HERSHKOVITZ, M. SHACHAK, A. GASITH*  
The role of in-stream vegetation as 'disturbance modulators' in a small Mediterranean-climate stream
- 11.10 *Yosef YACOBI*  
Long term variation of phytoplankton standing stock and productivity in Lake Kinneret, Israel
- 11.30 *Giuseppe CASTELLI, Rossella BARONE, Federico MARRONE, Luigi NASELLI-FLORES*  
How phytoplankton biomass and functional groups react to environmental constraints? A comparison in two different Mediterranean ponds
- 11.50 *Paloma LUCENA-MOYA, Isabel PARDO*  
Invertebrate community composition and biodiversity in Mediterranean coastal lagoons
- 12.10 *Jean-François RUBIN, Alexandre RICHARD*  
Clim-arbres: plant trees to save fish!
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Plenary lecture 6** Chair: Luigi Naselli-Flores  
*Rene Groben*  
Identifying freshwater organisms using molecular biological techniques - a way to replace traditional monitoring methods?
- 14.40 **Wetlands. Temporary and permanent ponds** Chair: Geta Risnoveanu  
*Francisca FUENTES-RODRIGUEZ, Jesus CASAS, Irene GALLEGO, Juan MELCHOR, David LEÓN, Patricio PEÑALVER, Julia TOJA*  
Family richness and composition of macroinvertebrate assemblages in farm ponds of a Mediterranean region (South of Spain)
- 15.00 *Irene GALLEGO, Pedro M. SÁNCHEZ-CASTILLO, Carmen PÉREZ-MARTÍNEZ, Francisca FUENTES-RODRIGUEZ, Juan MELCHOR, Jesús CASAS, David LEON, Patricio PEÑALVER, Julia TOJA*  
Diversity of primary producers in farm ponds of a Mediterranean region (Andalusia, southern Spain)
- 15.20 *Els De ROECK, Tom De BIE, Steven DECLERCK, Dirk ERCKEN, Boudewijn GODDEERIS, Liesbet COLSON, Koen MARTENS*  
Pondscape: towards a sustainable management of pond diversity
- 15.40 *Iuliana-Mihaela TUDOR, Marian TUDOR, Liliiana TEODOROF, Erika SCHNEIDER, Petr OBRDLIK*  
Research for ecological restoration of wetlands in the Holbina-Dunavat region, Danube Delta Biosphere Reserve/ Romania
- 16.00 COFFEE/TEA
- 16.30 **POSTERS SESSION 2**

**Friday, August 21<sup>st</sup>, 2009**

Session A (Conference Hall 1)

- 8.00 AV testing & loading for morning speakers in the appropriate room (A, B or C)
- 8.30 **Plenary lecture 7** Chair: Colin S Reynolds  
*Mark Gessner*  
Responses of litter decomposition and decomposers to global environmental change
- Mediterranean Limnology (2)** Chair: Colin S Reynolds
- 9.20 *Merem BEKLIOĞLU, Nihan TAVŞANOĞLU, İdil ÇAKIROĞLU, Arda ÖZEN, Didem OĞUZKURT, Eti LEVI, Korhan ÖZKAN, Mengü TÜRK, Tuğba BUCAK, Erik JEPPESEN*  
Role of nutrients and climate on functioning of the Turkish shallow lake
- 9.40 *Meriç ALBAY, Şeref YÜKSEL, A. Halil ÖZEL, Cenk GÜREVIN, Başak OĞUZ, Reyhan AKÇAALAN*  
Environmental factors affecting geosmin and 2-methylisoborneol production in Sapanca Lake, Türkiye
- 10.00 COFFEE/TEA
- Water quality and sensitivities to global change (2)** Chair: Ian Jones
- 10.30 *Aleksandra T. ROMARHEIM, Pal BRETTUM, Gunnhild RIISE*  
Impact of climate and nutrient loading on cyanobacteria - inter annual and seasonal variation in an eutrophic lake
- 10.50 *Janusz ZBIKOWSKI, Aleksandra OLCHOWICZ, Jaroslaw KOBAK*  
The impact of sand grain size on the substratum selection and growth rate of an oligochaete *Limnodrilus* sp.
- 11.10 *Patricia María RODRÍGUEZ-GONZÁLEZ, John STELLA, Filipe CAMPELO, Maria Teresa FERREIRA, Antonio ALBUQUERQUE*  
Hydrologic controls on stand structure, tree architecture and growth in Southern-European forested wetlands
- 11.30 *Susanne ROLINSKI, Thomas PETZOLDT, Katrin HILLERT, Lothar PAUL, Jürgen BENNDORF*  
Ecological consequences of turbidity intrusions: linking water quality to water quantity management of drinking water reservoirs
- 11.50 *Dolors PLANAS, Myriam JOURDAIN, Alexandrine PANNARD, Beatrix BEISNER*  
Advection of nutrients and algae from benthic sources and within surface waters affects the propensity for cyanobacteria blooms
- 12.10 *Külli KANGUR, Tõnu MÕLS, Eddy LAMMENS*  
The impact of eutrophication and climate change on Peipsi and Ijsselmeer: correspondence and differences in nutrient dynamics
- 12.30 LUNCH (12.30-13.30: AV for afternoon speakers)
- 14.00 **Closing Session - Award of Student Prizes**
- 19.30 **SYMPOSIUM DINNER**

**AQUATIC BIODIVERSITY: ASSESSMENT, CONSERVATION AND MANAGEMENT**

- P1 S. ANGÉLIBERT, J.L. GATTOLIAT, S. KNISPEL, M. LAZEYRAS, S. PANSIER, M. SARTORI, P. STUCKI, B. OERTLI  
Electronic multiple entry key for the identification of aquatic invertebrates: a new tool for nature managers in Switzerland
- P2 Bernadette PINEL-ALLOUL, Antonia CATTANEO, Simon DE SOUSA, Daniel BORCARD  
Natural and anthropogenic variations in littoral substratum affect periphyton and macroinvertebrates
- P3 Sirma ÇAPAR DİNÇER  
Morphology and infraciliature of two ciliates (protozoa: ciliophora) from a river basin in Turkey
- P4 Özgür EMIROGLU, Naime ARSLAN, Burcu KOÇ, Arzu ÇIÇEK  
Heavy metal accumulation in water, sediments and body tissues of *oligochaeta* and *chironomidae* of Lake Uluabat, a Ramsar site of Turkey
- P5 Francesca BARALDI, Francesca CIUTTI, Fernando LUNELLI  
*Salmo carpio* L.: an endemic salmonid in the Garda Lake
- P6 Doina IONICA, Victor ZINEVICI, Mirela MOLDOVEANU, Laura PAPPALA, Cristina SANDU, Larisa FLORESCU, Doru DOBRE, Alina COMAN, Alexandru PETRISOR  
The relationship between diversity and community functions in Musura Lagoon (Danube Delta)
- P7 Ladislav PEKÁRIK, Tomáš ČEJKA, Zuzana ČIAMPOROVÁ-ZAŤOVIČOVÁ, Alžbeta DAROLOVÁ, Daniela ILLÉŠOVÁ, Marta ILLYOVÁ, Zuzana PASTUCHOVÁ, Emil GATIAL, Fedor ČIAMPOR  
Multidisciplinary evaluation of the function and importance of the small water reservoirs: the biodiversity aspect
- P8 Genuario BELMONTE, Muharrem SHEHU, Francesca SERRAVALLE, Giuseppe ALFONSO, Salvatore MOSCATELLO  
The zooplankton of the glacial Lake Gijstova (southern Albania, Month Gramoz)
- P9 Didem GOKCE OGUZKURT, Duygu OZHAN  
The spatial and temporal variability of limnological properties of deep reservoir, Karakaya, Turkey
- P10 Federico MARRONE, Michael KORN, Souad TURKI, Luigi NASELLI-FLORES  
A contribution to the knowledge of Tunisian 'large branchiopods' (branchiopoda: anostraca, notostraca, spinicaudata)
- P11 Olivia CIOBOIU, Gheorghe BREZEANU  
Diversity of the river system within the Preajba Valley and its ecological features
- P12 Laura PAPPALA, Mirela MOLDOVEANU, Victor ZINEVICI, Doina IONICA, Cristina SANDU, Geta RISNOVEANU  
Eutrophication impact on ecosystemic services. The role of planktonic communities in the Danube Delta
- P13 Bożena KIZIEWICZ, Bożena MAZALSKA, Anna GODLEWSKA, Elżbieta MUSZYŃSKA  
The occurrence of the sewage fungus *Leptomitus lacteus* in the Biala River in Białystok, Poland
- P14 Cristina - Maria POPESCU, Antoine LECERF, Marius NISTORESCU, Elena PREDA, Eric CHAUVET, Angheluta VADINEANU, Geta RISNOVEANU  
Does species diversity affect aquatic leaf litter decomposition?
- P15 F. MARRONE, S. LO BRUTTO, M. ARCULEO  
Cryptic species within the freshwater copepod genus *Hemidiaptomus* (calanoida, diaptomidae)
- P16 Nicoleta Adriana GEAMANA, Angheluta VADINEANU, Luminita MARMUREANU, Florinita Oana MUSCELEANU, Teodora PALARIE, Catalina IONITA  
Significance of social research for biodiversity conservation and sustainable use of wetland services. Case study: inland Danube Delta
- P17 Oana Teodora MOLDOVAN, Ioana MELEG, Traian BRAD, Erika LEVEL, Mirela MICLEAN, Bela ABRAHAM, Marin CONSTANTIN, Sanda IEPURE  
Interstitial fauna as indicator for heavy metal pollution
- P18 Selgün GÜNSEL, Nuray Emir AKBULUT  
An investigation of the zooplanktonic organisms in Delice stream and some arms in Turkey
- P19 Luciane CROSSETTI, Csilla STENGER-KOV, Judit PADISAK  
Coherence of ecological status assessment by periphytic diatoms and phytoplankton in Lake Balaton
- P20 Karin DIDDEREN, Piet VERDONSCHOT  
Lentic macroinvertebrate drift through culverts: does dispersal mode influence the colonization rate of restored waterbodies

- P21 T. ERŐS, J. HEINO, D. SCHMERA, M. RASK  
Characterising functional trait diversity and trait-environment relationships in fish assemblages of boreal lakes
- P22 Marian-Traian GOMOIU  
Historical survey of the knowledge of aquatic biodiversity in Romania - past, present, perspectives
- P23 S. V. PONOMAREV, E.N. PONOMAREVA, Yu. V. FEDOROVYKH  
The comparative estimation of river perch breeders of natural and artificial generations

#### **WATER QUALITY AND SENSITIVITIES TO GLOBAL CHANGE**

- P24 Orhan IBRAM, Liliانا TORÖK  
Preliminary estimation of diatom tolerance values for Danube Delta lakes
- P25 Liliana TÖRÖK, Marian TUDOR, Liliana TEODOROF  
Data on abiotic (nutrients) and biotic (phytoplankton) quality elements in fortuna ecologically reconstructed area (Danube Delta Biosphere Teserve - Romania)
- P26 Vanessa BECKER, Vera HUSZAR, Luciane CROSSETTI  
Responses of phytoplankton functional groups to mixing regime in a deep subtropical reservoir

#### **PATCHINESS, HETEROGENEITY AND FRAGMENTATION OF HABITATS**

- P27 Malgorzata POZNANSKA, Jaroslaw KOBAK, Norbert WOLNOMIEJSKI, Tomasz KAKAREKO  
Macrozoobenthos communities from the two types of land-water transition zones in a european lowland dam reservoir

#### **PHYSICAL INTERACTIONS AND CONSTRAINTS**

- P28 Reyhan AKCAALAN, Gulsah İSGOREN, Basak OGUZ, Latife KOKER, Meric ALBAY  
Effects of N and P supply on phytoplankton growth in Sapanca Lake
- P29 Magdalena CIOBOTARU  
Impact of the sands and gravels exploitation mining activities upon rivers

#### **FRESHWATER SYSTEMS UNDERGOING GLOBAL CLIMATIC CHANGE**

- P30 Lulica VADUVA, Geta RISNOVEANU, Sonia-Liliana POPESCU  
Dynamics of the atmospheric precipitation along the Romanian section of the river Danube and its consequences on wetland systems

#### **ECO-TOXICOLOGY**

- P31 Nuray AKBULUT, Aydin AKBULUT  
Study of heavy metal pollution and accumulation in water, sediment and fish tissue in Kizilirmak River basin in Turkey

**RIVERS AND STREAMS ECOLOGY AND MANAGEMENT**

- P32 Belgin CAMUR-ELIPEK, Timur KIRGIZ, Burak OTERLER, Menekse TAS, Pinar OZKAHYA  
Observations on water quality of the streams feeding to Igneada Longos (Turkish Thrace)
- P33 Belgin CAMUR-ELIPEK, Timur KIRGIZ, Pinar OZKAHYA, Menekse TAS, Burak OTERLER  
The evaluation of water quality and benthic macroinvertebrates in some water resources of Meric-Ergene River Basin (Turkish Thrace)
- P34 Maria LEICHTFRIED, Hiranthi WALPOLA, Mala AMARASINGHE, Leopold FÜREDER  
Leaf litter decomposition in a low order tropical stream in Sri Lanka
- P35 Özgür EMIROĞLU, Hasan M. SARI, Yalçın ŞAHİN  
Growth parameters research of the *Scardinius erythrophthalmus* L.1758 in Lake Uluabat
- P36 Olga KONONOVA, Elena FEFILOVA  
Zooplankton communities in floodplain lakes of the Vychegda River Basin (the main tributary of the Severnaya Dvina River)
- P37 Angelisa FABRIZI, Enzo GORETTI, Regis CEREGHINO  
Biological and ecological traits of macroinvertebrate communities under natural and disturbed conditions in central Italian stream systems
- P38 Vasily PONOMAREV, Olga LOSKUTOVA  
Biodiversity of the rivers depending on their landscape in the eastern Pechora basin
- P39 Andrea ZIGNIN, Nico SALMASO  
Daily fluctuations of potamoplankton in the lowland course of a large river (River Adige, northern Italy)
- P40 Alexandre RICHARD, Jane O'ROURKE, Jean-François RUBIN  
Advantages and drawbacks of calcein marking in external tissues for trout (*Salmo trutta*) population management
- P41 Giampaolo ROSSETTI, Isabella BERTANI, Ireneo FERRARI  
Short-term changes in the zooplankton community of the Po River (northern Italy) during summer 2005
- P42 Geta RISNOVEANU, Irina TEODORESCU, Gheorghe IGNAT, Constantin CIUBUC, Marius NISTORESCU, Cristina POPESCU, Elena PREDĂ, Carmen POSTOLACHE, Angheluta VADINEANU  
Changes in riparian vegetation: consequences on ecological status of streams in Arges catchment
- P43 P. SÁLY, T. ERŐS, P. TAKÁCS, I. KISS, P. BÍRO  
Responses of stream fish assemblages to spatial, landscape level and instream factors in a human modified landscape
- P44 P. TAKÁCS, E. BALOGH, Cs. DEÁK, T. ERŐS, S.A. NAGY  
Reverse response of fish and macroinvertebrate assemblages to WWTP effluent entry in a canalized stream system (ne Hungary)
- P45 M. SCHLETTERER, L. FÜREDER, V.V. KUZOVLEV, Y.N. ZHENIKHOV  
The headwaters of "mother Volga" - an important reference system for European lowland rivers

**FOOD WEBS INTERACTIONS AND FOOD WEB MANIPULATIONS**

- P46 Tatjana SIMCIC, Mateja GERM  
Estimation of respiratory carbon loss through plankton, zoobenthos, macrophytes and sediment in an oligotrophic lake
- P47 Andu KANGUR, Peeter KANGUR, Külli KANGUR  
Shifts in the fish community of Lake Peipsi: the cumulative effect of eutrophication, climate change and fishery

**MICROBIAL SYSTEMS: COMMUNITIES AND PROCESSES**

- P48 Ana Lúcia GONÇALVES, Ana RAQUEL CALAPEZ, Matilde MOREIRA-SANTOS, Cristina CANHOTO  
Influence of *Eucalyptus globulus* leachates on microbial decomposition in streams
- P49 Fiona ASSEMAT, Julien CORNUT, Arnaud ELGER, Eric CHAUVET  
Are aquatic hyphomycetes physically screened by sediments in the hyporheic zone of headwaters?
- P50 Ana SAMPAIO, Patricia María RODRÍGUEZ-GONZÁLEZ, Rui CORTES, Teresa FERREIRA  
Biotic and abiotic influences on free-living n<sub>2</sub>-fixing bacterial communities in southern European forested wetlands

## **FRESHWATER SYSTEMS UNDERGOING GLOBAL CLIMATIC CHANGE**

- P51 Juta HABERMAN, Reet LAUGASTE, Kätlin BLANK  
Cold winters versus mild winters: effects on the plankton of following growing season
- P52 Elena FEFILOVA  
Annual changes of invertebrate's communities in the tundra water bodies
- P53 Tahir ATICI, Olcay OBALI  
Effect of environmental and chemical properties on diatoms of Asartepe Dam Lake (Ankara)

## **WETLANDS, TEMPORARY AND PERMANENT PONDS**

- P54 Jon S. OLAFSSON, Groa V. INGIMUNDARDOTTIR, Sesselja G. SIGURDARDOTTIR  
A lava formed pond ecosystem in ne Iceland

## **LARGE LAKES VERSUS SHALLOW LAKES**

- P55 Franja PAJK, Tatjana SIMCIC, Anton BRANCELJ  
Thermal sensitivity of electron transport system activity and respiration rate in lake and pond species of daphnia

## **MEDITERRANEAN LIMNOLOGY**

- P56 Margarita MENENDEZ, Tecla RIERA  
Leaf litter breakdown in Mediterranean streams: effect of dissolved inorganic nutrients
- P57 Romina ALVAREZ TRONCOSO, Mihaela APOSTOL, Joan PLANELLES  
Experience in dams management decision support, trough an automatic dammed water quality monitoring system, at Guadiana River Basin (south-west Spain)
- P58 Salvatore NAPOLI, Martina ODDO, Giuseppe CASTELLI, Federico MARRONE, Rossella BARONE, Luigi NASELLI-FLORES  
Zooplankton dynamics and conservation problems of a Mediterranean temporary pond
- P59 Spyridon KLAUDATOS, Ifigenia KAGALOU, Panagiota PANAGIOTAKI, Georgia SERETIDOU, Christos NEOFITOU  
Water quality trends in Vistonis Lake (ne Greece): a long-term approach

## **FRESHWATER VIRUSES**

- P60 Dmitry KOSOLAPOV, Alexander KOPYLOV  
Distribution of viruses and their effect on planktonic bacteria in a large temperate reservoir

## **PREDATION AND FOOD LIMITATION IN ZOOPLANKTON AND PHYTOPLANKTON**

- P61 Petr ZNACHOR, Jiri NEDOMA, Pavel RYCHTECKY  
Effect of glucose addition on silica deposition kinetics in natural diatom population

## **HYDROLOGICAL AND HYDROMECHANICAL EFFECTS ON LAKE BIOTA**

- P62 Csilla BALOGH, Ilona B. MUSK, László G.-TÓTH  
The effect of water level fall on the behaviour and survival of the zebra mussel (*Dreissena polymorpha*)

## **APPLICATIONS OF MOLECULAR BIOLOGY IN ECOLOGY**

- P63 Fedor ČIAMPOR  
Phylogeny and biogeography of the riffle beetle genus *Oulimnius* (coleoptera: elmidae) based on molecular data
- P64 Elena FALCUTA, Celine TOTY, Florian-Liviu PRIOTEASA, Irina TEODORESCU, Gabriela NICOLESCU, Didier FONTENEIL  
Identification of local and alien species of anopheles by PCR technique to asses the possibility of malaria re-emergence in Romania