

Sunday, August 16th, 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 17th, 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 17th, 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 *Liana 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 RUUHIJÄRVI*
Evaluation of the finnish fish-based lake classification method
- 11.30 *Sirma ÇAPAR DİNÇER*
Contribution to geographic distribution of *kahllimbus 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: Angheluta Vadineanu
Erik Jeppesen
Shallow lake dynamics in a climate change perspective
Aquatic biodiversity: assessment, conservation and management (3) Chair: Angheluta Vadineanu
- 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 - Annecy (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 Verdonshot
- 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-RODRIGUEZ, Irene GALLEGO, Jesús 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 17th, 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 PASTUCHOVÁ, 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: Angheluta Vadineanu*
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-ELIPEK*
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 *Ilija 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 17th, 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: Angheluta Vadineanu
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, Stéphanie GASCÓN, Francisco COMÍN*
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 Arieș 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 18th, 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', Xth 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 *Pierre Olivier 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
Mark Gessner
Responses of litter decomposition and decomposers to global environmental change
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 - Vișeu watershed case study
- 15.20 *Teodora-Alexandra PALARIE, Nicoleta Adriana GEAMANA, Florinita 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**

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: Meriçd 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: Meriç 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
Mark Gessner
Responses of litter decomposition and decomposers to global environmental change
- Rivers and streams ecology and management (7)** Chair: Kevin Collier
- 14.40 *Corine GRAC, Florence LE BER, Photis NOBELIS, Michel LAFONT, Michèle 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 18th, 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 Cristian 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
Mark Gessner
Responses of litter decomposition and decomposers to global environmental change
- Life histories** Chair: Dolores 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 KOBAK, 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 19th, 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 20th, 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 AKDEMIR*
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 20th, 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 Straškrábová
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 URBANIČ*
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 MÉDOC, 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, Martti 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 CORNUJ, 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 20th, 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
Patchiness, heterogeneity and fragmentation of the habitat Chair: Erik Jeppesen
Tomasz KAKAREKO, Jaroslaw KOBAK
- 9.20 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?
Wetlands. Temporary and permanent ponds Chair: Geta Risnoveanu
- 14.40 *Francisca FUENTES-RODRIGUEZ, Jesús 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 21st, 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
Jordi Catalan
Persistent pollutants and the understanding of freshwater pelagic food webs
- 9.20 **Mediterranean Limnology (2)** Chair: Colin S Reynolds
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 *Küllü 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, Antonella 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 EMIROĞLU, 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, Muharem 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-Alexandra 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
- P24 Louise MILES, Roger SWEETING
Captive breeding of the freshwater pearl mussel *Margaritifera margaritifera* at the Freshwater Biological Association, Cumbria, UK

WATER QUALITY AND SENSITIVITIES TO GLOBAL CHANGE

- P25 Orhan IBRAM, Liliana TÖRÖK
Preliminary estimation of diatom tolerance values for Danube Delta lakes
- P26 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)
- P27 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

- P28 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

- P29 Reyhan AKÇAALAN, Gulsah ISGOREN, Başak OĞUZ, Latife KOKER, Meriç ALBAY
Effects of N and P supply on phytoplankton growth in Sapanca Lake
- P30 Magdalena CIOBOTARU
Impact of the sands and gravels exploitation mining activities upon rivers

FRESHWATER SYSTEMS UNDERGOING GLOBAL CLIMATIC CHANGE

- P31 Iulica 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

- P32 Nuray EmirAKBULUT, 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

- P33 Belgin CAMUR-ELIPEK, Timur KIRGIZ, Burak ÖTERLER, Menekse TAS, Pinar OZKAHYA
Observations on water quality of the streams feeding to Igneada Longos (Turkish Thrace)
- P34 Belgin CAMUR-ELIPEK, Timur KIRGIZ, Pinar OZKAHYA, Menekse TAS, Burak ÖTERLER
The evaluation of water quality and benthic macroinvertebrates in some water resources of Meric-Ergene River Basin (Turkish Thrace)
- P35 Maria LEICHTFRIED, Hiranthi WALPOLA, Mala AMARASINGHE, Leopold FÜREDER
Leaf litter decomposition in a low order tropical stream in Sri Lanka
- P36 Özgür EMIROĞLU, Hasan M. SARI, Yalçın ŞAHİN
Growth parameters research of the *Scardinius erythrophthalmus* L.1758 in Lake Uluabat
- P37 Olga KONONOVA, Elena FEFILOVA
Zooplankton communities in floodplain lakes of the Vychegda River Basin (the main tributary of the Severnaya Dvina River)
- P38 Angelisa FABRIZI, Enzo GORETTI, Regis CEREGHINO
Biological and ecological traits of macroinvertebrate communities under natural and disturbed conditions in central Italian stream systems
- P39 Vasily PONOMAREV, Olga LOSKUTOVA
Biodiversity of the rivers depending on their landscape in the eastern Pechora basin
- P40 Andrea ZIGNIN, Nico SALMASO
Daily fluctuations of potamoplankton in the lowland course of a large river (River Adige, northern Italy)
- P41 Alexandre RICHARD, Jane O'ROURKE, Jean-François RUBIN
Advantages and drawbacks of calcein marking in external tissues for trout (*Salmo trutta*) population management
- P42 Giampaolo ROSSETTI, Isabella BERTANI, Ireneo FERRARI
Short-term changes in the zooplankton community of the Po River (northern Italy) during summer 2005
- P43 Geta RISNOVEANU, Irina TEODORESCU, Gheorghe IGNAT, Constantin CIUBUC, Marius NISTORESCU, Cristina-Maria POPESCU, Elena PREDA, Carmen POSTOLACHE, Angheluta VADINEANU
Changes in riparian vegetation: consequences on ecological status of streams in Arges catchement
- P44 P. SÁLY, T. ERŐS, P. TAKÁCS, I. KISS, P. BÍRÓ
Responses of stream fish assemblages to spatial, landscape level and instream factors in a human modified landscape
- P45 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)
- P46 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

- P47 Tatjana SIMCIC, Mateja GERM
Estimation of respiratory carbon loss through plankton, zoobenthos, macrophytes and sediment in an oligotrophic lake
- P48 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

- P49 Ana Lúcia GONÇALVES, Ana RAQUEL CALAPEZ, Matilde MOREIRA-SANTOS, Cristina CANHOTO
Influence of *Eucalyptus globulus* leachates on microbial decomposition in streams
- P50 Fiona ASSÉMAT, Julien CORNUT, Arnaud ELGER, Eric CHAUVET
Are aquatic hyphomycetes physically screened by sediments in the hyporheic zone of headwaters?
- P51 Ana SAMPAIO, Patricia María RODRÍGUEZ-GONZÁLEZ, Rui CORTES, Maria Teresa FERREIRA
Biotic and abiotic influences on free-living n₂-fixing bacterial communities in southern European forested wetlands

FRESHWATER SYSTEMS UNDERGOING GLOBAL CLIMATIC CHANGE

- P52 Juta HABERMAN, Reet LAUGASTE, Kätlin BLANK
Cold winters versus mild winters: effects on the plankton of following growing season
- P53 Elena FEFILOVA
Annual changes of invertebrate's communities in the tundra water bodies
- P54 Tahir ATICI, Olcay OBALI
Effect of environmental and chemical properties on diatoms of Asartepe Dam Lake (Ankara)

WETLANDS, TEMPORARY AND PERMANENT PONDS

- P55 Jon S. OLAFSSON, Groa V. INGIMUNDARDOTTIR, Sesselja G. SIGURDARDOTTIR
A lava formed pond ecosystem in ne Iceland

LARGE LAKES VERSUS SHALLOW LAKES

- P56 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

- P57 Margarita MENÉNDEZ, Tecla RIERA
Leaf litter breakdown in Mediterranean streams: effect of dissolved inorganic nutrients
- P58 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)
- P59 Salvatore NAPOLI, Martina ODDO, Giuseppe CASTELLI, Federico MARRONE, Rossella BARONE, Luigi NASELLI-FLORES
Zooplankton dynamics and conservation problems of a Mediterranean temporary pond
- P60 Spyridon KLAUDATOS, Ifigenia KAGALOU, Panagiota PANAGIOTAKI, Georgia SERETIDOU, Christos NEOFITOU
Water quality trends in Vistonis Lake (ne Greece): a long-term approach

FRESHWATER VIRUSES

- P61 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

- P62 Petr ZNACHOR, Jiří NEDOMA, Pavel RYCHTECKY
Effect of glucose addition on silica deposition kinetics in natural diatom population

HYDROLOGICAL AND HYDROMECHANICAL EFFECTS ON LAKE BIOTA

- P63 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

- P64 Fedor ČIAMPOR
Phylogeny and biogeography of the riffle beetle genus *Oulimnius* (*coleoptera: elmidae*) based on molecular data
- P65 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