

| RS02 - Impacts of climate change on freshwater ecosystems (Tuesday 17:15-18:45)   |                              |  |
|---|------------------------------|--|
| 1   | Cauhy-Fraunié Sophie         | Glacier retreat effects on mountain stream ecosystems  |
| 2   | Jan Šupina                   | Body size but not predation risk modulate life history responses to warming in mayfly larvae   |
| 3   | Masumi Stadler               | Differences in seasonal and local in-lake DOM biodegradability by subalpine freshwater microorganisms – a bioassay approach  |
| 4   | Bálint Pernecker             | Is the Balkan Goldenring among the losers or winners of climate change? Thoughts on the basis of a six-year long study   |
| 5   | Nabil Majdi                  | River ecosystems under thermal stress: Ongoing research project outlook  |
| 6   | Elisabet Ejarque             | Climatic controls on the transformation of dissolved organic matter in a subalpine lake  |
| 7   | Vincent Roubeix              | Effect of temperature on the composition and dynamics of periphyton in experimental microcosms   |
| 8   | Carmen Pérez-Martínez        | The Sierra Nevada lakes: study systems for multiple stressors of recent environmental change in semi-arid alpine areas   |
| 9   | Radka Ptáčnicková            | Rotifers in Lake Lunz, Austria – what has changed since the 1970-80s?  |
| RS03 - Freshwater biodiversity and possible threat of non-native aquatic species (Tuesday 17:15-18:45)                                  |                              |  |
| 10  | Daniela Giannetto            | Fish biodiversity of Aegean Region (Turkey): current state of knowledge and conservation implications  |
| 11  | Victor Frossard              | Invasion of Hemimysis anomala in the largest natural French lake (Lake Bourget): trophic ecology and spatial distribution  |
| 12  | Antonella Carosi             | The Wels catfish <i>Silurus glanis</i> Linnaeus, 1758 in the Tiber River (Umbria Region, Italy): spatial distribution and ecological pr  |
| 13  | Radek Gebauer                | Inconspicuous threat: Comparison of foraging pattern of two non-indigenous gobiid fishes in a simple predator-prey system  |
| 14  | Şerife Gülsün                | A Review on Dispersion of marine fish <i>Atherina boyeri</i> Risso, 1810 (Atherinidae) in Inland Waters of Turkey  |
| 15  | Şerife Gülsün Kirankaya      | Differentiations in Gill Histology of Marine Fish <i>Atherina boyeri</i> Risso, 1810 (Atherinidae) Introduced into Freshwater Environments   |
| 16  | Wolfram Remmers              | Is the ammonia concentration a possible invasion barrier for the invasive amphipod <i>Dikerogammarus villosus</i> ?  |
| RS04 - Drivers in aquatic community assembly (Tuesday 17:15-18:45)  |                              |  |
| 17  | Pierre Chanut                | Disentangling the effects of hydrology and predation on macroinvertebrate community assembly: a field experiment   |
| 18  | Žganeč Krešimir              | Post-disturbance changes of macroinvertebrate assemblages downstream of a large dam in the Dinaric karst river Dobra (Croatia)   |
| 19  | András Csicsca               | Relative role of drivers on macroinvertebrate metacommunity structure in small streams and higher order rivers   |
| 20  | Valentin Dinu                | Combined effects of multiple stressors on streams biodiversity and ecosystem functions   |
| 21  | Ildikó Szivák 1              | Effect of niche characteristics, dispersal ability and site position within stream network on occupancy frequency distribution of stream insects   |
| 22  | Miguel Moreira               | PHISH-DB - Portuguese Historical FISH species DataBase   |
| 23  | Aneta Bylak                  | Functioning of population of racer goby at the edge of their range   |
| 24  | Manfrin Alessandro           | Artificial light at night affects structural and functional aspects of macroinvertebrate communities   |
| 25  | Yueming Qu                   | Multiple factors shape patterns of phytoplankton distribution along a lentic-lotic continuum   |
| RS05 - Linking multiple scales of land uses to freshwater quality and biodiversity (Thursday 17:00-18:30)                               |                              |  |
| 26  | Soraya Alvarez-Codesal       | Changing patterns in the littoral ecotone and potential factors in its decline in a northern English lake over a hundred-year perspective  |
| 27  | Lena Campostrini             | The effects of DOM-sources from agricultural land use on microbial activity in riverine sediments  |
| 28  | Aneta Bylak                  | Degradation of small lowland stream in human-dominated landscape   |
| 29  | Eduarne Estévez              | A timely look at effects of agriculture on fluvial DOM: the role of hydrology. AGRHYDROM, 2nd Young collaborative project from the Iberian Association of Limnology                        |
| RS06 - Wetlands and coastal ecosystems ecology and management (Thursday 17:00-18:30)  |                              |  |
| 30  | Ülkü Nihan Tavşanoğlu        | An Evaluation of the zooplanktonic organisms with ecological variables in Kocaçay River Basin  |
| 31  | Margarita Menendez Lopez     | Monitoring a recent created Mediterranean coastal lagoon: changes in physicochemical characteristics and zooplankton succession  |
| 32  | SANDRA, AKUGPOKA ATINDANA    | EXPLORATION OF OYSTER ( <i>Crassostrea tulipa</i> ) FISHERY IN A COASTAL WETLAND IN GHANA: UTILIZATION AND ADAPTATIONS TO CLIMATE CHANGE   |
| 33  | Vendula Polášková            | Post-mining calcareous seepages as surrogate habitats for aquatic macroinvertebrate biota of vanishing calcareous spring fens  |
| RS07 - Ecotoxicology in the framework of aquatic ecology (Thursday 17:00-18:30)   |                              |  |
| 34  | Floriane Larras              | Functional responses of benthic microbial communities to chemicals: an OMICs based integrative approach  |
| 35  | Isabel Pardo                 | DETECTING MACROINVERTEBRATE INDICATOR TAXA TO MINING STRESS GRADIENTS WITHIN THE NALON RIVER BASIN (NORTHERN SPAIN)  |
| 36  | Bastian Polst                | Herbicide sensitivity of stream biofilms grown at contrasting hydrodynamic conditions - a mesocosm study   |
| RS08 - Restoration of freshwater ecosystems (Tuesday 17:15-18:45)   |                              |  |
| 37  | Tim Sebastian Epe            | “Lock and Grow” - a restoration strategy to inhibit the formation of benthic algal mats  |
| 38  | Maria João Costa             | Effects of hydropeaking and shelter configurations on the behaviour of cyprinids in an experimental flume  |
| 39  | Susana Dias Amaral           | Swimming or jumping? Passage behaviour of a potamodromous cyprinid upon negotiating an experimental weir subjected to different design configurations                                      |
| 40  | Filipe Romão                 | Performance of two Different Morpho-Ecological Cyprinids in a Fishway with Distinct Vertical Slot Configurations   |
| 41  | Małgorzata Gaczyńska         | Removal of naproxen from water in the presence of <i>Ceratophyllum demersum</i>  |
| RS09 - Monitoring of freshwater ecosystems (Tuesday 17:15-18:45)  |                              |  |
| 42  | Roman Baran                  | A novel upward-looking hydroacoustic method for improving pelagic fish surveys   |
| 43  | Roman Baran                  | Quantification of Chaoborus by mobile upward-looking echosounding  |
| 44  | Adrian Wagner                | Proximal Vis-NIR spectrometry for monitoring river water quality parameters  |
| 45  | Angela Boggero               | Exploring the potential use of hydro-drones for freshwater mussels survey  |
| 46  | Leopold Füreder              | An adequate toolbox for long-term monitoring in Alpine river ecosystems  |
| 47  | Jolanta Ejsmont-Karabina     | Rotifers of inter-forest springs   |
| 48  | Isabel Muñoz                 | Changes in biodiversity responses to multiple stressors in three European basins   |
| 49  | Matt D. Turley               | Investigating the influence of multiple pressures on biomonitoring tools   |
| 50  | Pavel Krám                   | Recovery of soft-bodied benthic algal assemblages from acidification in Czech headwater streams across the GEOMON network  |
| 51  | Marta Illyova                | Long-term changes in zooplankton crustacean assemblages in the Danube floodplain area (Slovak-Hungarian stretch)   |
| 52  | Richard Johnson              | Establishing reference conditions for lakes and streams: comparison of spatial and model-based approaches  |
| 53  | Maria Lazaridou              | ESTABLISHMENT OF A NATIONAL TYPOLOGY FOR THE ECOLOGICAL STATUS ASSESSMENT OF RIVERS IN GREECE  |
| 54  | Zuhal Gültekin               | Habitat use of macroinvertebrates in mountain streams of the Euphrates basin (Turkey)  |
| 55  | Joanna Chmiśt                | Biological Early Warning System based on the valve movement behavior of <i>Unio tumidus</i>  |
| 56  | Ryszard Staniszewski         | Presence of macrophytes under lignite mine waters pressure   |
| 57  | Péter Takács                 | Does the side matter? Potential effect of side-specific data processing on the results of fish morphometric studies.   |
| 58  | Agata Mrugała                | Distribution and genetic characteristics of native European crayfish species in the Balkan Peninsula   |
| 59  | Marinela Moldoveanu          | Spatial and temporal variability of biological monitoring indices in lotic systems   |
| 60  | Carmen Espinosa              | INTCATCH 2020 – Development and application of Novel, Integrated Tools for monitoring and managing catchments. Case study: Ter River (Catalonia, Spain)                                    |
| RS10 - Molecular approaches in freshwater ecological and evolutionary studies (Thursday 17:00-18:30)                                    |                              |  |
| 61  | Laura Epp                    | Sedimentary ancient DNA of aquatic plants and diatoms to track Holocene environmental changes in Siberian Arctic lakes   |
| 62  | Sofia Paraskevopoulou        | Evolutionary adaptive responses to rapid climate change in two different strains of <i>Brachionus calyciflorus</i> species   |
| 63  | Magdalena Litwin             | A Zooplankton's Guide to the Kettle Hole   |
| 64  | Amaal Yasser                 | Distribution of cryptic species as a specific response to environmental effects at large scale: The freshwater shrimp <i>Caridina indistincta</i> Calman, 1926 in the southeast Queensland |
| 65  | Murtada Naser                | A new species of Austrothelphusa (Crustacea: Brachyura: Parathelphusidae) from the Gilbert River, north Queensland, Australia  |
| 66  | Paraskevi Niki Lampri        | A preliminary assessment of the freshwater diversity of Coleoptera in Greek islands.   |
| 67  | Fedor Čiampor                | Diversity of South American riffle beetles (Coleoptera: Elmidae) explored using DNA barcodes   |
| 68  | Maria Iasmina Moza           | Troubleshooting in qPCR from environmental samples: mcyE gene quantification of genomic DNA from Danube Delta shallow lakes  |
| 69  | Paraskevi Niki Lampri        | The freshwater snails of Crete: an updated list of native and invasive species   |
| RS11 - Reservoir ecology (Tuesday 17:15-18:45)  |                              |  |
| 70  | Martina Čvrtlíková           | Pilot study on macrophyte ecology in Czech reservoirs and post-mining lakes  |
| 71  | Aleksandra Jaskulska         | Diurnal dynamics of cyanophages from Myoviridae family   |
| 72  | Maria Helena Novais          | Vertical dynamics of a large reservoir (Alqueva, Southern Portugal)  |
| RS12 - Pond ecology (Tuesday 17:15-18:45)   |                              |  |
| 73  | Dragana Predojević           | Pond phytoplankton community in Special Nature Reserve Gornje Podunavlje: first report   |
| 74  | Kateřina Francová            | Interconnection between fishpond management and aquatic macrophytes  |
| 75  | Jindřich Duras               | Fishponds as HMWB - how to evaluate their ecological potential?  |
| RS13 - Fish ecology of freshwater ecosystems (Thursday 17:00-18:30)   |                              |  |
| 76  | Aneta Bylak                  | Coexistence of fish species in metastable assemblages  |
| 77  | Petr Blabolil                | Burbot ecology in reservoirs   |
| 78  | Mojmír Vašek                 | Dietary niche and trophic position of sympatric asp and pikeperch in two artificial lakes with contrasting morphometry   |
| 79  | Ádám Staszny                 | ONTOGENETIC DEVELOPMENT OF SCALE SHAPE OF GIBEL CARP (CARASSIUS GIBELIO BLOCH, 1782)   |
| 80  | Istvan Czeglédi              | The scales of variability of stream fish assemblages at tributary confluences  |
| 81  | YILDIZ DEMİRKALP             | Determination of Fish Food Relationships in Balta Balık Lakes (Delta Kızılırmak, Turkey)   |
| 82  | Daniel Hayes                 | Oxygen depletion reduces swimming movements of Iberian barbel, <i>Luciobarbus bocagei</i> , and influences spatial arrangement of fish groups  |
| RS14 - Phyto- and zooplankton ecology (Thursday 17:00-18:30)  |                              |  |
| 83  | Agnieszka Pasztaleniec       | Vertical heterogeneity of plankton in lakes of different trophic differentiation among epi-, meta- and hypolimnion strata  |
| 84  | Gabor Varbiro                | Does the length of light exposure matter for algal biomass development in temperate rivers?  |
| 85  | Carmen Gabaldón              | Repeated flood disturbance enhances rotifer dominance and diversity in a zooplankton community of a small dammed mountain pond   |
| 86  | Jaromir Seďa                 | Daphnia and Ceriodaphnia living niches in long and deep reservoirs   |
| 87  | Jaroslav Vrba                | Seasonal stoichiometry of three dominant microcrustaceans in the Słapy reservoir (Czech Republic)  |
| 88  | Bernadette Pinel-Aloul       | Do climate and lake environments have more influence on long-term variation in zooplankton community of Boreal Shield lakes than clearcut logging?   |
| 89  | Sırma Çapar Dinçer           | A preliminary study on determining the optimum environmental conditions of <i>Fabrea salina</i> (Ciliophora:Heterotrichida)  |
| 90  | Sırma Çapar Dinçer           | Preliminary assessment on ciliate diversity of saline lakes (Boğluk, Acıgöl, Tersakan, Tuz) from Konya Basin, Turkey   |
| 91  | Maria Iasmina MOZA           | IN SITU ABIOTIC FACTORS THAT FAVOR THE OCCURRENCE AND SPATIAL DISTRIBUTION OF CYANOBACTERIA FROM DANUBE DELTA  |
| RS15 - Benthos ecology (Thursday 17:00-18:30)   |                              |  |
| 92  |                              |  |
| 93  | Stefan A. Schütz             | Unexpected spatio-temporal patterns of larval size in a highly glaciated river   |
| 94  | Alex Laini                   | Short term variations of discharge affect community structure of benthic macroinvertebrates in a lowland regulated river   |
| 95  | Nic Pacini                   | Caddisfly distribution in a tropical stream  |
| 96  | Katarína Gregušová           | Community structure and life strategies of macrozoobenthos in karst springs of Western Carpathians - introduction of the project   |
| 97  | Hendrik Füsler               | Perspectives of coherent anti-Stokes Raman spectroscopy (CARSS) for assessing fatty acid content of microscopic biological samples   |
| 98  | Claudia Breitschopf          | Food availability and its exploitation in high arctic streams  |
| 99  | Daniela Mewes                | More than just energy – Lipid storage in mayflies  |
| 100   | Ivana Trbojević              | Periphytic algae substrate specificity: overall diversity or specific taxa abundance?  |
| RS16 - Predator - prey and host/parasite interactions (Thursday 17:00-18:30)  |                              |  |
| 101   | Jana Zemanová                | Planktivorous fish positively select <i>Daphnia</i> bearing advanced embryos   |
| RS17 - Linking freshwater science to policy and management strategies (Tuesday 17:15-18:45)   |                              |  |
| 102   | Zsombor Boromisza            | Integrating hydrobiology and landscape architecture in the touristic development and management of a thermal lake  |
| 103   | Astrid Schmidt-Kloiber       | The Freshwater Information Platform (FIP) – an online network supporting freshwater biodiversity research and policy   |
| 104   | Pablo Collins                | Decapods as functional food from a view of ecosystem service at Paraná River Basin, South America.   |
| 105   | Gabriela Costea              | Ecological effects of hydropower dams in Romania as reflected in scientific and environmental impact studies   |
| 106   | Danelia Robinson             | Public Recreational Freshwater Assets – Can fresh water ecology assist policy makers with making sustainable management decisions?   |
| 107   | Daniel Hayes                 | Establishing holistic environmental flows based on ecological functions and processes of alpine floodplain river ecosystems  |
| SS02 - From Functional Ecology to Ecosystem Services (Thursday 17:00-18:30)   |                              |  |
| 108   | Sandra Atindana              | Spatio-temporal analyses of macroinvertebrates, plankton and fish abundance in whin estuary in Ghana   |
| 109   | Annelies Hommersom           | Earth Observation-based Services for Monitoring and Reporting of Ecological Status   |
| SS04 - Ecological modelling of freshwater ecosystems: populations, communities and species distribution (Tuesday 17:15-18:45)           |                              |  |
| 110   | Jose Ricardo Ruiz Albizuri   | Effect of warming and grazer distribution on riverine eutrophication control   |
| SS06 - Spatial and temporal heterogeneity of greenhouse gas fluxes in inland waters (Tuesday 17:15-18:45)                               |                              |  |
| 111   | Adam Bednařik                | Benthic methane fluxes through the sediment-water interface of a lowland river   |
| 112   | Fabian Engel                 | Functioning of boreal lakes in the global carbon cycle   |
| SS08 - DNAqua-Net: Developing new genetic tools for bioassessment of aquatic ecosystems in Europe (Tuesday 17:15-18:45)                 |                              |  |
| 113   | Pieter Boets                 | Monitoring invasive crayfish using environmental DNA (eDNA): a lab and field evaluation  |
| 114   | Agnes Bouchez                | SYNAQUA: A French-Swiss program to modernize the environmental biomonitoring of Lake Geneva and transboundary rivers   |
| 115   | Zuzana Čiamporová-Zatovičová | DNA barcoding of aquatic macroinvertebrate fauna of Slovakia – first insight   |
| 116   | Carla Sousa-Santos           | Landscape features and species' intrinsic traits shape the contemporary patterns of genetic diversity of Portuguese endemic cyprinids  |
| 117   | Ana Filipa Filipe            | INBIO Barcoding Initiative: building a reference database for freshwater insects using Next-Generation Sequencing  |
| SS10 - Mesocosm experiments advancing mechanistic understanding of environmental change in fresh water ecosystems (Tuesday 17:15-18:45) |                              |  |
| 118   | Stephen Davis                | Multiple stressors in Irish agricultural streams: A mesocosm study of macroinvertebrate responses to nutrients and sediment  |
| 119   | Thomas Aspin                 | In order of disappearance: macroinvertebrate community changes along an experimental stream drought gradient   |
| 120   | Zining Wang                  | Impact of Drought and Post-Drought Recovery on Leaf Litter Decomposition in Stream Mesocosms   |
| SS12 - Science and management of intermittent rivers and ephemeral streams: a European perspective (Tuesday 17:15-18:45)                |                              |  |
| 121   | Gemma Burgazzi               | EXPLORING MACROINVERTEBRATE COMMUNITY STRUCTURE AT LOCAL SCALE: A CASE STUDY IN AN INTERMITTENT STREAM   |
| 122   | Zoltán CSABAI                | Is it possible to see the footprint of a once occurring drought in the macroinvertebrate community composition of a perennial stream after a long time? A pilot study                      |
| 123   | Alena Dostálová              | Impacts of drying on the abundance of <i>Gammarus fossarum</i> populations in small streams in Central Europe  |
| 124   | Paula Matono                 | Patterns of precipitation intermittency in southern Portugal: implication for the conservation and management of Mediterranean intermittent rivers   |
| 125   | Marek Polášek                | The novel tool for bioindication of the dry episode in small streams – Czech BIODROUGHT method   |
| SS15 - Urban streams (Tuesday 17:15-18:45)  |                              |  |
| 126   | Vesna Peršić                 | Water quality and pollution by hazardous substances of a small lowland stream under different hydrological conditions  |
| SS16 - Phosphorus exchange characteristics on the sediment-water-interface – fluxes, processes and mechanisms (Tuesday 17:15-18:45)     |                              |  |
| 127   | Breton Felipe                | The role of water movement on nutrient fluxes between water and sediments at reservoirs  |
| 128   | Osafo Nana Osei-Asibey       | The fate of organic matter in freshwater sediments; A clue to Phosphorus immobilization?   |
| ARRIVED LATER   |                              |  |
|   | Daniel Fiala                 | Wastewaters of small municipalities (≤500 IE) are the least treated point source of phosphorus. Is there a place for limnological solution? (SS11)   |
|   | Iva Tomková                  | LC-ICP-QQ a useful tool for description of biogeochemical processes (RS09)   |