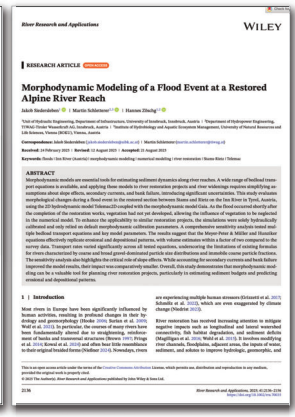
BOKU

Institute of Hydrobiology and Aquatic Ecosystem Management

Baseflow and Coupled Nitrification-Denitrification Processes Jointly Dominate Nitrate Dynamics in a Watershed Impacted by Rare Earth Mining



Morphodynamic Modeling of a Flood Event at a Restored Alpine River Reach

Integrative Betrachtungen für nachhaltigeres Auenmanagement: Beispiele aus Österreich und dem Donauraum *

The power of hydropeaking: Trade-offs between flexible hydropower and river ecosystem services in Europe

Why do phyto- and zooplankton exhibit different patterns of seasonal dynamics in the large Ob river-floodplain system (West Siberia)?

Macroinvertebrates reveal environmental gradients: methods and method development in the Ob River basin

Zooplankton as an indicator of hydrological connectivity of the main channel and the floodplain in a large river system

Changes and drivers of bacterioplankton communities within plain river networks during the rainy season (high inflow event): simulation of the water level using the MIKE11 model

Building blocks for upscaling freshwater ecosystem restoration: Place-based strategies for a transdisciplinary challenge

2066

Anthropogenic and natural factors impacting microbiological and physicochemical surface water quality along an urban tropical wetland

A review of hydropower in Central Asia: Past, present, and future

Freshwater Biology

Waves Under Control? A Meta-Analysis of Morphological Restoration as a Strategy to Mitigate Navigation-Induced Disturbances

Moving towards Europe-wide freshwater restoration through model-based integration of policy objectives

animals

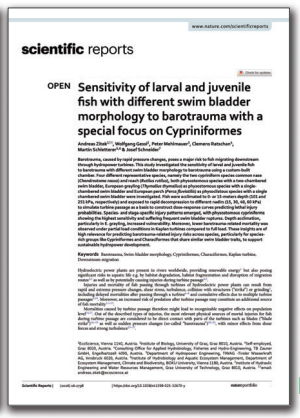
Size-Dependent Tissue Translocation and Physiological Responses to Dietary Polystyrene Microplastics in *Salmo trutta*

Building the backbone for Europe's biodiversity monitoring

Changes in haematology, metabolic rate, and cellular structure of spleen and head kidney of brown trout, *Salmo trutta*, after exposure to polystyrene microplastic particles

Ecology and Evolution

Divergent Functional Roles of Shredder Size: Interspecific Versus Intraspecific Effects on Aquatic Leaf Litter Decomposition



scientific reports

Sensitivity of larval and juvenile fish with different swim bladder morphology to barotrauma with a special focus on Cypriniformes

More to come soon ...

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