

ABSTRACTS ACCEPTED AS POSTER PRESENTATIONS

Use of remote sensing to quantify macrophyte cover, biomass and hydraulic habitat utilisation at the patch mosaic scale

Hamish Biggs

Using submerged plants as bio-indicators to assess the ecological status of New Zealand lakes

Tracey Burton

Ecological Toxicity of *Microcystis aeruginosa* Exudates to the Ever Dominant Submerged Macrophytes in China

Xuexiu Chang

Methodological uncertainties impacting the ecological status assessment using French macrophytes IBMR protocol.

Christian CHAUVIN

Utilising water level manipulation to suppress submerged aquatic weeds in south-east Australia over the last decade

Daniel Clements

Past, present and future - aquatic plant invasions in South Africa

Julie Coetzee

The contribution of biological control of aquatic weeds to biodiversity recovery

Julie Coetzee

Testing and developing tools for weed macrophyte control in Canterbury agricultural waterways

Katie Collins

Aquatic Plants Research, Teaching and Pedagogic Innovation: How several lanes could merge into a single one for mutual benefits

Isabelle Combroux

Assessment of macrophyte morphological complexity: a new insight in river restoration

Isabelle Combroux

Merging studies in allelopathy, phenology and community transfer to enhance community biotic resistance: plant engineering as a control method of invasive plants

Isabelle Combroux

Effects of invasive riparian species *Reynoutria japonica* litters on aquatic plant communities

Isabelle Combroux

Ecological Restoration in the Upper Rhine Floodplain: A synthesis of aquatic plants (re)colonization.
Isabelle Combroux

Modeling the growth dynamics of water hyacinth along the irrigation canals in Nile Delta, Egypt
Ebrahim Eid

Detection of giant reed invasions in riparian habitats using remote sensing techniques
Rosario Fernandes

Environmental conditions affecting presence and abundance of submerged macrophytes in Lake Bohinj (Slovenia)
Alenka Gaberscik

Endothall Use in Flowing Systems for Nuisance Aquatic Weed and Algae Control
Cody Gray

Impacts of global change on freshwater plant species
Guyo Gufu

Aquatic weed biological control at the range margin: patterns of abundance and interannual variability
Nathan Harms

Unique Vegetative Reproduction in *Nymphoides cristata*
Erika Haug

Hydrilla in the Eno River: A Case Study for the Management of Hydrilla in Lotic, High Biodiversity Systems
Andrew Howell

The effects of floods on the establishment of an endangered aquatic macrophyte, *Zizania texana*, in its lower range of the San Marcos River, Texas, USA
Jeffrey Hutchinson

Ecological assessment of a subtropical urban river based on the Benthic-Index of Biotic Integrity - Liuxi River
Shuailei Liu

Chemical and physical properties act as filters on aquatic river plant communities: A trait-based study.
Balazs Lukacs

Environmental services evaluation of riparian habitats in Mediterranean River catchments of W. Greece
Paraskevi Manolaki

Riparian shading as a tool to manage river macrophyte abundance and community composition
Fleur Matheson

World distribution of aquatic macrophytes reveals an extreme degree of endemism
Kevin Murphy

Fighting a War against Invasive Aquatic Plants with the U.S. Army Corps of Engineers
Linda Nelson

Absorption and Desorption of 2,4-D Butoxyethyl ester and 2,4-D Amine by Eurasian Watermilfoil
Scott Nissen

Temporal Evolution Of Macrophyte Communities Related To Environmental Changes In A French Large Rivers
Geraldine Nogaro

Time of travel in rivers, a process indicator of system sensitivity
Matthew O'Hare

Endothall behavior in Eurasian watermilfoil (*Myriophyllum spicatum*) and Hydrilla (*Hydrilla verticillata*)
Mirella Ortiz

Efficacy of Endothall and Endothall+2,4-D for Curlyleaf Pondweed (*Potamogeton crispus*) Control Under Simulated Fall Conditions
Mirella Ortiz

Aquatic Macrophytes in Status Assessment and Monitoring of Mediterranean lowland rivers: Plant trait characteristics approach
Eva PAPASTERGIADOU

Effects of aquatic vegetation on carbon and nutrient cycling in rivers - an integrated model approach.
Stefan Preiner

Chemical Control of *Phragmites australis* under Climate Change Conditions
Candice Prince

Effects of climate change on macrophyte growth, biomass allocation, physiology and nutrient stoichiometry
Rosanne Reitsema

Effects of Temperature during Dormancy on Viability of Monoecious *Hydrilla verticillata* Propagules
Robert Richardson

Invasion of the Chinese mitten crabs in Belgium: are they a threat to our freshwater flora?

Jonas Schoelynck

Variation in the germination capacity and seedling growth of water primroses in contrasting climates from two invaded continental ranges

Gabrielle THIEBAUT

Application of biotic resistance to control the invasion of the invasive aquatic plant *Ludwigia hexapetala*

Gabrielle THIEBAUT

Turbidity, propagule bank and waterfowl herbivory all are engaged in structuring submerged aquatic vegetation in peri-urban ponds

Stijn Van Onsem

Biomass and nutrient content of *Phalaris arundinacea* growing in constructed wetlands treating domestic sewage

Jan Vymazal

Energy flow networks along a large subtropical river in southern China

Lin Wang

Longitudinal variation in source-oriented fish trophic guilds, food-web energy flows and predator-prey indicators along a large subtropical river

Sai Wang

Effect of sulfonamides on the growth and root properties of seven wetland plants

Jiaxi Wang

Biogenic manganese oxides generated by green algae *Desmodesmus* sp. WR1 to improve bisphenol A removal

Rui Wang

A Protocol for the Mapping and Monitoring of Texas Wild Rice, an Endangered Aquatic Grass Species

Casey Williams

Can proven geo-engineering products improve conditions for aquatic plants in a shallow peat lake?

K. Benjamin Woodward

Macrophytes as geo-engineering tools for lake rehabilitation

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Uptake and metabolism of Sulfonamides in *Canna indica* and *Iris pseudacorus*

Yufen Yang

Seed germination of *Potamogeton maackianus* in response to water depth illustrate the adaptive transgenerational plasticity in submerged macrophytes

Xiaolin Zhang