

SESSION 8A – Ecohydrology: water quality

Chairmen: P. Bakony

Time	Code	Author (s)	Title
10.55		Introduction of session	
1	S8A_7	G. Weigelhofer , M. Makal, S. Muhar, N. Kreuzinger, T. Hein	PROFOR (Austria): Integrating the effects of stream structure on nutrient loading patterns in management concepts for heavily modified streams
2	S8A_10	Pinardi Monica, Bartoli Marco, Longhi Daniele, Viaroli Pierluigi	Solute balances in fluvial segments characterized by different ecological integrity: external supply, macrophytes uptake and bacterial processes
3	S8A_11	M. Fabris , P. F. Ghetti	Application and development of river quality bioindication methods based on macrophytes
4	S8A_12	S. Preiner , T. Hein, I. Baart	Optima Lobau: The effect of changing connectivity on aquatic primary producers
5	S8A_13	G. Jolánkai et. al.	Ecohydrology for wetland revitalisation; lessons learned during two European Union Projects
6	S8A_14	B. Boz , B. Gumiero	River restoration integrated actions to reduce river Zero nitrate input to Venice Lagoon

SESSION 8B - Ecohydrology: environmental flow/hydropower

Chairmen: B. Maiolini & G. Zolezzi

Time	Code	Author (s)	Title
10:55		Introduction of session	
1	S8B_5	I. Boavida , J. M. Lourenço, J. Santos, R. Cortes, A. Pinheiro, T. Ferreira	Using a two dimensional approach to evaluate channel rehabilitation in a Mediterranean stream (southern Portugal)
2	S8B_6	M. C. Bruno , B. Maiolini, L. Silveri, M. Carolli, G. Kerschbaumer	Alterations of natural flow in field and flume conditions
3	S8B_10	S. Gorenc , J. Parish, M. Tilston	River Restoration and Ecohydrology: Developing a Geomorphologically-Derived Flushing Flow Threshold for Application in Ecological Flow Management
4	S8B_13	V. Garófano-Gómez, F. Martínez-Capel , T. Nebot, N. Mondéjar, A. Cavallé, R. Morillo	Riparian species and flow regime: ecological status for application in environmental flow assessments and river restoration (Mijares River, Spain)
5	S8B_16	F. Martínez-Capel , Peredo, M., A. Hernández-Masarell, A. Munné	Nose velocity calculation for spatial analysis of habitat and environmental flow assessments
6	S8B_4	A. Zitek , G. Haidvogel, M. Jungwirth, S. Schmutz	An ecologically-based strategic guideline for restoring the longitudinal connectivity for fish in running waters of Austria

SESSION 8C – Ecohydrology: Linking hydrology, geomorphology and ecologyChairmen: **A. Gurnell, W. Bertoldi**

Time	Code	Author (s)	Title
10:55			Introduction of session
1	S11E_5	K. Tockner , A. Gurnell, M. Tubino, N. Surian, W. Bertoldi L. Mao, L. Zanoni, L. Ziliani, G. Zolezzi	Linking ecology, geomorphology and hydrology in river research: the case of the Tagliamento River (Italy), a reference system for river restoration
2	S11E_2	S. Saleh, A. Crosato	Effects of riparian and floodplain vegetation on river patterns and flow dynamics
3	S1_10	B. Wyzga , J. Zawiejska, A. Amirowicz, A. Radecki-Pawlik	Reflection of hydromorphological conditions in a mountain river subjected to variable human impact in the abundance and diversity of fish fauna
4	S1_11	J. Girel , F. Vautier	Present changes in hydromorphological processes and conservation of dealpine plant species along dyked rivers: the example of Isère in Savoie, France
5	S6_34	M. Trémolières , C. Coli, S. Defraeye, E. Denny, M. Dillinger, J. C. Dor, P. Gombert	Does restoration of flooding and of the anastomosing channels connection in the upper Rhine floodplain modify alluvial ecosystem functions and biodiversity
6	S6_14	K. Panek , I. Korner, H. Lang, T. Markut, R. Petz, W. Petz, W. Siegl	Monitoring results of revitalisation measures on an urban lowland river (Liesingbach, Vienna, Austria)