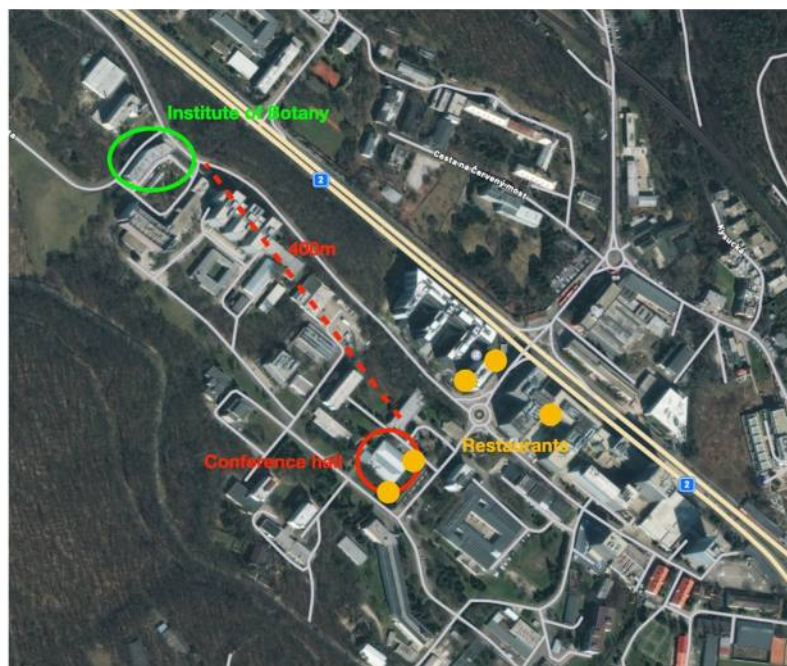
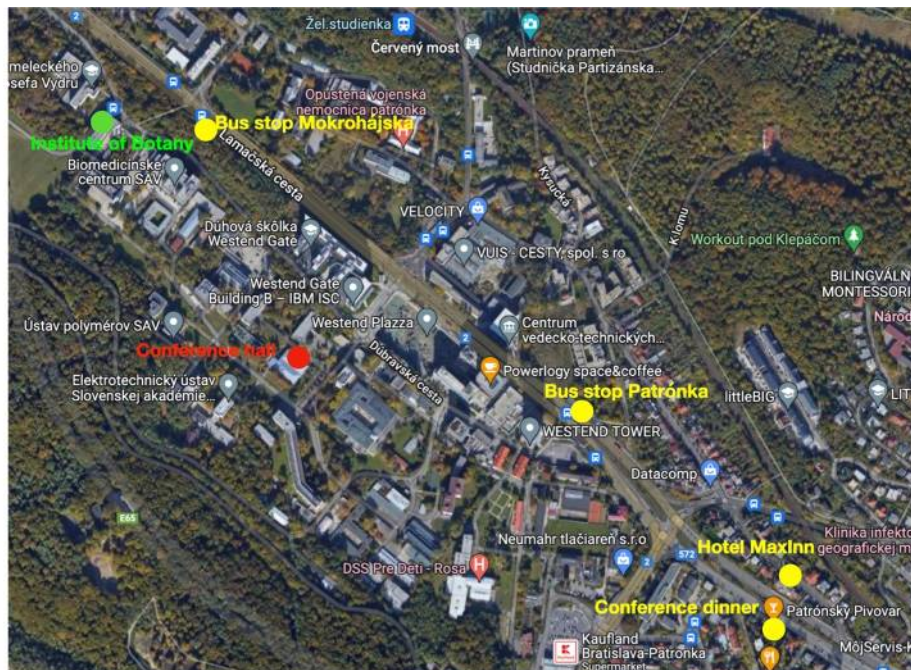




RIPA-1 : First International Conference on Riparian Ecosystems Science and Management

6th to 7th April 2022 in Bratislava (Slovakia)

Conference venue : Slovak Academy of Sciences, Dúbravská cesta 9, Bratislava



A question : please contact: ripa-1@sciencesconf.org

Wednesday 6th April - MORNING

PLENARY (ROOM : SAS conference hall)

9h00-9h15 WELCOME

9h15-10h00 KEYNOTE : **Riparian vegetation : dynamic of a socioecological system**
H. Piégay, CNRS, France

10h00-11h00 SESSION 1 : RIPARIAN VEGETATION UNDER PRESSURES

Evidence-based review of the causal effects of human-induced pressures on changes and status of riparian vegetation

González del Tánago M., P. Lucía Núñez, D. García de Jalón

Bayesian Networks and expert knowledge in riparian ecosystem management

Vieites-Blanco, C., Gomes Marques, I., Segurado, P., Jung, T., Almeida, H., Biurrun, I., Corcobado, T., Costa e Silva, F., Diez, J.J., Dufour, S., Faria, C., Ferreira, M.T., Ferreira, V., Jansson, R., Machado, H., Marçais, B., Moreira, C., Oliva, J., Pielech, R., Rodrigues, A., Soares David, T., Solla, A., Marques, M., Barrento, M.J., Fernandes, M.R., Cupertino, A., Rodríguez-González, P. M.

Riparian vegetation communities under fluvial disturbance decline

Núñez Paula L., M. González del Tánago, M. García Torija, D. García de Jalón

Temporal analysis of free-ranging cows' movement on wet grasslands of Axios Delta in Greece

Papaporfyriou P.K., D. Chouvardas, Ch. Evangelou, D.E. Bakaloudis and E.M. Abraham

11h00-11h30 BREAK/POSTERS

11h30-12h30 SESSION 2 : MONITORING AND INDICATING

Forest connectivity and water stress: characterization and mapping of the impact of channel incision on riparian forest status through remote sensing.

Godfroy J., J. Lejot, L. Demarchi, K. Miche, H. Piégay

Ecosystem Services of riparian forests in uncertain hydrological and land-use futures

Aguiar F.C., R. Rivaes, P. Segurado, M.T. Ferreira, L. Schmidt, M. J. Feio, S.F.P. Almeida, M. R. Fernandes, A. Correia, A. Calapez, A. Delicado, A. Mortágua, C. Vieira, D. Gebler, I. Lozanovska, J. Sá Couto, M. Sales, M. J. Martins, P.C. Silva

Habitat quality of Riparian Ecological Infrastructures and their potential for the provision of biodiversity-related Ecosystem Services in human-dominated landscapes

Fonseca A., V. Zina, G. Duarte, F.C. Aguiar, P.M. Rodríguez-González, M.T. Ferreira, M.R. Fernandes

RipaSoft – an online tool for assessing the ecological status of the riparian zones

Jakubínský J., Cudlín, P., Pechanec, V., Machová, K., Cudlín, O., Štěrbová, L., Purkyt, J., Prokopová, M.

12h30-14h00 BREAK/LUNCH

Wednesday 6th April – AFTERNOON

PARALLEL SESSION 3 (ROOM : SAS conference hall)

14h00-16h00 SESSION 3 : MAPPING AND MODELING

Multi-temporal land cover mapping and comparison of riparian vegetation belts of protected sites: the case of Trentino, Italy

Gobbi S., P. Zatelli, C. Tattoni, M.G. Cantiani, M. Ciolli, N. La Porta

Automatic detection of vegetation dynamics by remote sensing in riparian zone of braided-wandering river system

Rusnák M., A. Kidová, L. Michaleje, T. Goga

Riparian vegetation density mapping of an extremely densely vegetated confined floodplain

Fehérváry I., T. Kiss

Numerical application of the threshold conditions for vegetation removal during record flood in the Meuse River

Calvani G., K. Berends, J. de Jong, C. Carbonari, L. Solari

Floodplain inundation in Germany – an empirical modelling approach with current discharge data

Natho S.

Calibrating ecomorphodynamic modelling with field data for short-term riparian simulations

Latella M., S. Cicorello, C. Camporeale

Hydrology-based spatial planning of riparian revegetation

Rivaes R., Francisca C. Aguiar

Using Bayesian Belief Networks for ecosystem services assessment at the river basin scale in semi-arid environments

Manolaki P., Knez, N., Vogiatzakis, I.N.

PARALLEL SESSION 4 (ROOM : Institute of Botany hall)

14h00-16h00 SESSION 4 : ECOLOGY AND HABITATS

Too dark to be species rich: vegetation changes in riparian forests after 60 years

Douda J., A. Holešťová, J. Doudová, K. Boublík, A. Havrdová, M. Černá

Applying the CSR framework to plant communities of disconnecting side channels: a case study along the lower Loire River (France)

Gaudichet C., S. Grellier, S. Greulich, P. Janssen, S. Rodrigues

Phytocoenological characteristics of riparian forests in the Western part of Ilyrian floral province (Bosnia and Herzegovina, Croatia and Slovenia).

Koljanin D., A. Čarni, Ž. Škvorc, J. Brujić, Đ. Milanović, V. Stupar

Syntaxonomy, ecology and status of alliance Tamaricion parviflorae I. Kárpáti et V. Kárpáti 1961 on the territory of Bulgaria

Vassilev K., B. Genova, M. Nazarov, B. Grigorov, S. Stoyanov, N. Velez

Riparian forest vegetation in Turkey

Kavgaci A.

Structure and dynamics of the riparian vegetation on the braided-wandering Belá River

Kidová A., M. Rusnák, J. Babej, P. Barančok, Z. Máčka

Modelling and classifying alluvial forests and swamp woods

Karttunen K., P. Härmä, M. Sane, H. Mykrä

16h00-16h45 BREAK/POSTERS

PLENARY (ROOM : SAS conference hall)

16h45-17h15 KEYNOTE : **Functional Flows: A Practical Strategy for Riparian Restoration** **S. Rood, University of Lethbridge, Canada**

17h15-18h15 SESSION 5 : MANAGEMENT AND RESTORATION

Enhancing ecosystem services in agricultural watersheds through riparian restoration

Castellano C., D. Bruno, F.A. Comin, J. M. Rey Benayas, A. Masip, J.J. Jiménez

Long-term development of riparian forest vegetation after bringing back more water dynamics to the floodplain - success and limits of a restoration project along the Danube in Germany

Stammel B., F. Betz, B. Cyffka

Riparian Vegetation conservation and enhancement in the Tagus and West River Basin District, in Portugal

Alves M.H., Susana Fernandes

LIFE WILD Danube Wild Island Habitat Corridor

Georg F.

EVENING : SOCIAL DINER

Thursday 7th April

PLENARY (ROOM : SAS conference hall)

9h00-10h30 SESSION 6 : LARGE SCALE PERSPECTIVES

Interpretative manual of european riparian forests and shrublands

Mandžukovski D. et al.

Ecological restoration of riparian vegetation – a success story

Jansson R. et al.

Genetic Considerations in European Riparian Ecosystems Management: Experts View on Status and Needs

Pielech R., J. Milovanović, P. M Rodríguez González, G. Hinkov, R. Jansson, F. Alimpić

Ecotypic variation research to achieve functional targets in the conservation management of riparian forests

Marques I. et al.

Impact of riparian forest on EPTs dispersion across European biogeographical regions

Peredo Arce A., Palt, M., Kail, J., Schletterer, M

Linking wood flux video monitoring and semi-controlled experiment of downstream wood diffusion to better understand wood transport

Hortobágyi B., S. Petit, G. Melun, G. Le Roux, F. Thauvin, H. Piégay

10h30-11h00 BREAK/POSTERS

11h00-11h45 SESSION 7 : WORKING WITH AND FOR CITIZENS

Monitoring riparian vegetation: toward a citizen science approach

Gumiero B., Francesco Maria De Matteis, Patricia María Rodríguez-González, Simon Dufour, González del Tánago, Marta

Dighomi meadow civic initiative to save the unique riparian forest in Tbilisi from ecological catastrophe

Trapaidze A., M. Khvedelidze, M. Shaklandze

Lousada Guarda RIOS: Active Citizenship in the Protection of Natural Resources

Barbosa D., M. Matos, M. Nunes

11h45-12h30 SESSION 8 : CONCLUSIONS AND PERSPECTIVES

Establishing misalignments in riparian knowledge and priorities for knowledge conversion for enhanced management

Urbanic G. et al.

Bringing the margin to the focus: 10 challenges for riparian vegetation science and management

Rodríguez-González P.M. et al.

COST Action CONVERGES : 4 years of networking, and now ?

Dufour S. et al.

EXCURSION

- 14:00 Bus transport to the locality (15 – 20 min.)
- 14:20 – 15:20 Short walk through the typical willow-poplar riparian forest to the locality where the "Devínske rameno" branch was reconnected with the Danube stream. The project manager from a company responsible for revitalization (BROZ) will guide the excursion and explain the revitalization activity
- 15:20 – 16:30 Walk along the Danube, to its confluence with the Morava River (under the Devín castle historical monument), through willow-poplar riparian forest and willow shrub formations
- 16:30 – 18:00 Revitalized branch system along the Morava River, willow shrubs, and wet-meadow vegetation
- 18:00 Bus transport back to the conference venue

List of posters

Title	Authors
Riparian habitats in macedonian forests	Cušterevska r., dejan mandžukovski, cvetanka cvetkoska, sara cvetanoska, angela ivanova
What trees can tell us about the origin of instream wood?	Del hoyo j., t. vennemann, m. vauridel, h. piégay, v. ruiz-villanueva
Under the dominants	Doudová j., jan douda, alena havrdová, karel boublíkdoudová j., jan douda, alena havrdová, karel boublík
The potential of copernicus "riparian zones" layers for the assessment of riparian connectivity in two european hydroregions	Fonseca a., jean-philippe ugille, adrien michez, patricia maría rodríguez-gonzález, gonçalo duarte, maria teresa ferreira, maria rosário fernandes
Twentieth-century expansion of floodplain forest in the context of channel transformation of polish carpathian rivers	hajdukiewicz h., b. wyżga
Response of riparian vegetation to the restoration of lateral connectivity: the case of the dismantling of old groyne fields on the rhône river	Janssen philippe, piégay hervé, evette andré
Assessment of remote sensing tools for riparian zone monitoring. the case of river martil, tetouan, morocco	Kavvadias a., dr. emmanouil psomiadis, pr. mohammed ater
Multiscale remote sensing approach to assess the hydro-climate controls on riparian trees along the rhône river between geneva and the mediterranean sea	Lochin p., hervé piégay, john c. stella, kelly k. caylor, michael b. singer
Riverwoods: creating a network of river woods supporting healthy and resilient river systems across the whole scotland	Martinez r., nicola melville, tanya ogilvy, iain sime, marc stutter, scot mathieson, rory sandison, louise bond
Sustainable riparian ecosystem development and land use changes: the case of karpenissiotis river evrytania- central greece)	Merakos vanias k., g. efthimiou, and α . mertzanis
Survival of black poplar (<i>populus nigra</i> l.) seedlings	Nonić m., mirjana šijačić-nikolić, filip maksimović
Overview of natural-geographical diversity of coastal ecosystems in bosnia and herzegovina	Nurković r.
Anthropogenic modifications and riparian vegetation responses in east mediterranean rivers.	Papastergiadou e., ioanna vazoura, maria chroni, georgios dimitrellos, konstantinos stefanidis papastergiadou e., ioanna vazoura, maria chroni, georgios dimitrellos, konstantinos stefanidis
Plant species richness in riparian forests: comparison to other forest ecosystems, longitudinal patterns, role of rare species and topographic factors	Pielech r.
Riparian ecosystems spatial delineation : a review of existing methods and development of a large scale two-dimensional methodology for southern quebec	Poncelet l.
A need to study biogeomorphic interactions in ice-disturbed rivers	Prugne m, thomas buffin-bélangier, maxime boivin , and dov corenblit
Knowledge transfer for the conservation and restoration of riparian habitats within the project life fluvial	Rodríguez-gonzález et al.
Flooding influence on growth and seedlings survival rate of different narrow-leaved ash half-sib lines	Sijačić-nikolić m., marina nonić, ivona kerkez janković
Assessing the impact of hydromorphological changes on the riparian plant communities of greek rivers.	Stefanidis k, e. papastergiadou
Spatial patterns of taxonomic and functional plant diversity in riparian forests	Surmacz b., kacper foremnik, remigiusz pielech

The conference is organized by the COST Action CONVERGES and by the Plant Science & Biodiversity Center, Slovak Academy of Sciences.

More resources about riparian vegetation at <https://converges.eu/>

Reports :

- RIPARIAN ZONE / RIPARIAN VEGETATION DEFINITION: PRINCIPLES AND RECOMMENDATIONS
- GUIDANCE TO ASSESS RIPARIAN VEGETATION (STATUS AND PRESSURES)
- RIPARIAN VEGETATION STUDIES IN TURKEY
- MANAGERS' VIEWS ON RIPARIAN VEGETATION MANAGEMENT IN FRANCE
- ...

Papers & books :

- IMPROVING RIVER HYDROMORPHOLOGICAL ASSESSMENT THROUGH BETTER INTEGRATION OF RIPARIAN VEGETATION: SCIENTIFIC EVIDENCE AND GUIDELINES
- TRACING THE SCIENTIFIC TRAJECTORY OF RIPARIAN VEGETATION STUDIES
- INTERPRETATIVE MANUAL OF EUROPEAN RIPARIAN FORESTS AND SHRUBLANDS
- GLOBAL OVERVIEW OF ECOSYSTEM SERVICES PROVIDED BY RIPARIAN VEGETATION
- USING REMOTE SENSING TO CHARACTERIZE RIPARIAN VEGETATION
- ...

Videos :

- RIPARIAN VEGETATION ?
- ...

