

RIPARIAN VEGETATION RESPONSES TO GLOBAL CHANGES

WG 1 Workshop, Madrid (Spain), January 29-30, 2019

*E.T.S. I. de Montes, Forestal y del Medio Natural, Universidad Politécnica de Madrid
c/ Avda. de las Moreras, Ciudad Universitaria, 28040 Madrid (Spain)*

WEDNESDAY, JANUARY 29, 2020

08:30-09:00 h Registration

09:00 – 09:15 h Introduction to the workshop: COST Organizers

9:15-9:30 h Welcome to the Forestry School of Madrid, UPM

SESSION 1: VEGETATION RESPONSES TO GLOBAL CHANGES: A GENERAL PERSPECTIVE

CHAIRMAN: MARTA GONZÁLEZ DEL TÁNAGO

9:30 – 10:15 h **Invited speaker:** Vegetation responses to global changes: Field observations and modelling perspectives (**WALTER BERTOLDI**, *University of Trento*)

10:15 – 10:45 h Discussion

10:45 – 11:15 h Coffee break

11:15 – 11:45 h Riparian trees responses to multiple stressors under global changes: how to scale up from individuals to ecosystem impacts? (**PATRICIA RODRIGUEZ GONZÁLEZ**, *University of Lisboa*)

11:45 – 12:15 h Vegetation encroachment as a general response to multiple pressures (**DIEGO GARCÍA DE JALÓN**, *University Politécnica de Madrid*)

12:15 – 12:45 h Fluvial processes feedback to Salicaceae. Description, thresholds and responses (**EMILIO POLITI**, *University of Trento*)

12:45 – 13:15 h Modelling vegetation responses under different scenarios of climate change (**VANESA MARTINEZ FERNÁNDEZ**, *Universidad Politécnica de Madrid*)

13:15 – 13:45 h Discussion

13:45 – 15:30 h Lunch

SESSION 2: VEGETATION RESPONSES TO FLOW REGIME ALTERATIONS

CHAIRMAN: PATRICIA RODRÍGUEZ

15:30 – 16:00 h River-forest-human interaction changes in dam reservoir backwater zone of mountain stream (**MACIEJ LIRO**, *Polish Academy of Sciences*)

16:00 – 16:30 h Structure evolution of the riparian vegetation and its role in bar stabilisation on the braided-wandering river system (**ANNA KIDOVA**, *Slovak Academy of Sciences*)

16:30 – 17:00 h Flood pulsing system - Assessment and Conservation (**TOMASZ OKRUSZKO**, *Warsaw University of Life Sciences*)

17:00- 17:30 h General Discussion

20:45 h Social dinner

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THURSDAY, JANUARY 30, 2020

SESSION 3: VEGETATION RESPONSES TO CLIMATE CHANGE AND OTHER PRESSURES

CHAIRMAN: EMILIO POLITI

9:00 – 9:30 h Invasive riparian species and the effect of climate change on flood conveyance (**TIMEA KISS**, *University of Szeged, Hungary*)

9:30 – 10:00 h Afforestation of riparian forests on channel systems hydromorphology in the northern Negev desert (**ROEY EGOZI**, *Soil Erosion Research, Israel*)

10:00 – 10:30 h Coffee break

10:30 – 11:00 h Yearly changes in herbaceous vegetation composition of Riparian ecosystem of Axios river (**ELENI ABRAHAM**, *Aristotle University Thessaloniki*)

11:00 – 11:30 h Riparian and aquatic vegetation in Mediterranean streams (**PARASKEVI MANOLAKI**, *Aarhus University, Denmark*)

SESSION 4: ASSESSING RIPARIAN VEGETATION RESPONSES TO GLOBAL CHANGES

CHAIRMAN: TOMASZ OKRUSZKO

11:30 – 12:00 h Using the Norwegian Nature Classification System (NiN) for mapping of riparian vegetation and its change over time (**PEGGY ZINKE**, *ScienceMonastery AS, Norway*)

12:00 – 12:30 h Riparian vegetation responses to hydromorphological alterations in Mediterranean systems: examples from Greek National River Monitoring Network (**EVA PAPASTERGIADOU**, *University of Patras, Greece*)

12:30 – 13:00 h Riparian habitat quality evaluation in the Czech Republic - development of a new methodological approach (**JIRI JAKUBINSKY**, *Global Change Research Institute, Czech Republic*)

13:00 – 13:30 h Discussion

13:30 – 15:00 h Lunch

SESSION 5: TOWARDS NEW APPROACHES OF RIPARIAN VEGETATION ASSESSMENT AND RESTORATION

CHAIRMAN: PATRICIA RODRÍGUEZ & SIMON DUFOUR

15:00 – 15:30 h Opportunities for restoring riparian vegetation at different scales based on responses to changes and existing management in Scotland (**ROBERTO MARTÍNEZ**, *Scottish Environment Protection Agency*)

15:30 – 16:15 Indicators of vegetation responses to global changes: A multi-scale approach (**MARTA GONZÁLEZ DEL TÁNAGO**, *Universidad Politécnica de Madrid*)

16:15 – 17:00 h General Discussion

17:00 – 17:30 h Conclusions and Closing remarks