

3rd Workshop on River Restoration and Management

FCT Ph.D. PROGRAM FLUVIO

Mid-term results Ph.D. Class 2016 and Thesis Plans for Class 2018

Location: Salão Nobre, Instituto Superior Agronomia, Universidade de Lisboa

28TH FEBRUARY: MID-TERM PRESENTATION OF THESIS' RESULTS 2016-2019 – 2ND FLUVIO COHORT ⁽¹⁾

11.00-11.30 Teresa Ferreira Welcome and FLUVIO program follow-up

11.30-12.00 *Invited Talk:* Conceptual Foundations & Applications of Ecological Integrity. By Dr. Robert Hughes, Society for Freshwater Science and American Fisheries Society.

TIMETABLE	Speaker	Themes	Reviewers
12.00-12.30	Mario Eckert	Fishways to negotiate barriers: from attraction to passage	António Pinheiro, José Maria Santos
12.30-13.00	Ivana Lozanovska (FLUVIO-SUSFOR) ²	Functional diversity as indicator of ecosystem changes in Mediterranean riparian forests	Gregory Egger, Patrícia Rodriguez
13.00-14.30	Lunch		
14.30-15.00	Konstantin Ochs	Modeling the interactions between riverine vegetation and fluvial processes	Thomas Hein, Patrícia Rodriguez
15.00-15.30	Denis Rodrigues	Cost-effective phosphorous recovery from water combining sorption and precipitation processes	Thomas Hein, Ana Galvão
15.30-16.00	Renata Santos	Understanding the interaction of hydromorphological restoration measures and other human pressures on nutrient cycling and GHG emissions	Elisabeth Duarte, Ana Galvão
16.00-16.30	Coffee break		
16.30-17.00	Miguel Moreira (FLUVIO-IST) ³	Mitigation of hydropeaking impacts on fish: towards sustainable hydropower management	Paulo Branco, Rodrigo Oliveira
17.00-17.30	Daniel Hayes	Restoring flows in modern river management	António Pinheiro, Martin Schletterer
17.30-18.00	Alban Kuriqi (FLUVIO-IST) ³	Water Resources Management Harmonizing Human Uses and River Conservation under Multiple Climate and Policy Scenarios	Alvaro Sordo, Rodrigo Oliveira

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1ST MARCH: PRESENTATION OF THE THESIS' PLANS 2018-2021 – 3RD FLUVIO COHORT ⁽⁴⁾

TIMETABLE	Speaker	Themes	Reviewers
9.00-9.30	Ana Mascarenhas	Barrier impacts on river networks: evaluation and management	Robert Hughes, Alvaro Sordo
9.30-10.00	Joana Simão (FLUVIO-IST)	Exploring the hydraulic limits of pool-type fishways for multispecies: an experimental and modelling approach	José Maria Santos, Alvaro Sordo
10.00-10.30	Daniel Mameri	Go with the flow: river management for fish communities in the presence of barriers	Martin Schletterer, Robert Hughes
10.30-11.00	José Vivas	The use of macrophytes towards water quality improvement in river banks	Miguel Mourato, Elisabeth Duarte
11.00-11.30	Coffee break		
11.30-12.00	André Fonseca	Riparian connectivity and spatial configurations for biodiversity improvement and ecosystem services enhancement	Pedro Beja, Francisco Moreira
12.00-12.30	Vera Zina	Ants as the storytellers of ecosystems in riparian and agricultural landscapes	Pedro Beja, Francisco Moreira
12.30-13.00	Andrés Peredo	Animal meta-community dispersal along riparian corridors: functional connectivity at catchment scale	Pedro Beja, Francisco Moreira
13.00-14.30	Lunch break		
14.30-15.00	Alejandro Baladrón (FLUVIO-IST)	Hydropower production effects on rivers and their services	Rodrigo Oliveira, Robert Hughes
15.00-15.30	Inês Marques	Resilience of Alder in Response to Global Change Stressors	Francisca Aguiar, Gregory Egger
16.00-16.30	Coffee break		
16.30-17.30	Scientific Board and Advisory Board Meetings		

- (1) The presentations will have up to 15 mn followed by a 15 mn discussion conducted by the reviewers; the aim is to evaluate the progress of the theses so far. Conclusions will be included on the annual report to the funding agency.
- (2) Co-funding from SUSFOR PhD program
- (3) Together with the annual evaluation of IST-CATs – Accompanying Commissions for PhD thesis
- (4) The presentations will have up to 15 mn followed by a 15 mn discussion conducted by the reviewers; the aim is to evaluate the coherence of the theses plans and the capacity of the student to develop the subjects proposed along a calendar of actions.