

15-16 DECEMBER 2016

Workshop River Restoration and Management

FCT PhD PROGRAM FLUVIO

in cooperation with FCT PhD PROGRAM SUSFOR

Sala de Atos do Instituto Superior de Agronomia

AGENDA

day1 15 DECEMBER

Presentation of the thesis' results 2014-2016
1st FLUVIO COHORT

9.00	Reception of participants
9.20	Teresa Ferreira The FLUVIO PhD program and consortium
9.30	Rui Rivaes Riparian vegetation modeling to improve river restoration and management
10.00	Gonçalo Duarte A European tale of diadromous fish – from history to what lies in the future
10.30	Coffee break
11.00	María Díaz (FLUVIO-IST) Restoration of fluvial dynamics in large rivers: from benchmarking to scenario design
11.30	Ana Rute Vieira (FLUVIO-IST) Using Indicators of Hydrologic Alteration to characterize flow regime change in Southern Europe
12.00	Filipe Romão (FLUVIO-IST) Ecohydraulic thresholds for vertical slot fishpass design for cyprinids
12.30	Maria João Costa (FLUVIO-IST) Effects of hydropeaking and shelter configurations on the behavior of cyprinids in an experimental flume
13.00	Lunch break
14.30	Ana Isabel Machado Removal of pharmaceutical active compounds in Constructed Wetland Systems- a sustainable phytoremediation technique?
15.00	Ana Calapez Evidences of water scarcity and organic load impacts on Mediterranean stream community dynamics
15.30	André Fabião (SUSFOR-FLUVIO) Nitrate modeling in the Sorraia basin
16.00	Closing

day2 16 DECEMBER

Presentation of the thesis' plans 2017-2019
2nd FLUVIO COHORT

9.00	Artur Santos Improving the spatial arrangement of riparian woodlands for biodiversity and ecosystem services
9.30	Ivana Lozanovska (SUSFOR-FLUVIO) Functional diversity as indicator of ecosystem changes in Mediterranean riparian forests
10.00	Konstantin Kochs Modeling the interactions between riparian vegetation and fluvial processes
10.30	Alban Kuriqi (FLUVIO-IST) Water resources management harmonizing human uses and river conservation under multiple climate and policy scenarios
11.00	Coffee break
11.30	Daniel Hayes Restoring flows in modern river management
12.00	Miguel Moreira (FLUVIO-IST) Mitigation of hydropeaking impacts on fish: towards sustainable hydropower management
12.30	Mario Eckert Fishways to negotiate barriers: from attraction to passage
13.00	Lunch break
14.30	Denis Rodrigues Cost-effective phosphorous recovery from water combining sorption and precipitation processes
15.00	Renata Santos Understanding the interaction of hydromorphological restoration measures and other human pressures on nutrient cycling and GHG emissions
15.30	Closing

REVIEWERS António Brito (UL-ISA), António Pinheiro (UL-IST), Chris Katopodis (Katopodis Ecohydraulics Lda., Canada), Cláudia Cordovil (UL-ISA), Susete Dias (UL-IST), Elisabete Duarte (UL-ISA), Francisca Aguiar (UL-ISA), Gregory Egger (Institute of Geography and Geoecology, Austria), Helena Pereira (UL-ISA), Isabel Boavida (UL-IST), José Carlos Franco (UL-ISA), José Maria Santos (UL-ISA), Laffayette Luz (UF Bahia, Brasil), Luis Garrote (UPM, Spain), Pedro Arsénio (UL-ISA), Robert Hughes (Oregon State University, US), Stefan Schmutz (U BOKU, Austria), Thomas Hein (U BOKU, Austria)