

## - WORKSHOP -

### Planning, managing and restoring hydromorphology at river basin scale, within an ecosystem services framework



1. **Workshop Title:** Planning, managing and restoring hydromorphology at river basin scale, within an ecosystem services framework
2. **Organiser / chair:** The INTERREG Alpine Space HyMoCARES project consortium; Chairs: Andrea Goltara (Italian Centre for River Restoration – CIRF - Italy); Nicola Marangoni (Autonomous Province of Bolzano - Italy); Frédéric Liébault (IRSTEA – France).
3. **Workshop description:** The aim of the workshop is to foster discussion on good practices and available tools for planning, managing and restoring hydromorphological processes in Alpine rivers, taking into account the effects on relevant ecosystem services at appropriate scales. It is organised by the partners of the HyMoCARES INTERREG Alpine Space project ([www.alpine-space.eu/hymocares](http://www.alpine-space.eu/hymocares)), focusing on hydromorphological management of Alpine rivers and associated ecosystem services. It will bring together experts in fluvial geomorphology and river ecology, public officers and practitioners involved in river planning, management, and restoration in alpine environments. We will present preliminary results from the project, at its midterm stage of development, and emblematic experiences from different Alpine regions. The discussion, carried out in thematic groups, will be focused on operational tools for river managers, e.g. in order to develop catchment scale sediment management plans, design sediment continuity measures, identify integrated flood risk mitigation measures able to provide additional ecological and socio-economic benefits, define ecological flows in a more comprehensive manner, monitor and assess the effectiveness of river restoration projects.
4. **Number of participants:** Max 50
5. **Schedule:** 12h00 – 18h00
6. **Registration rate:** 60 € / person
7. **Language:** English
8. **Preliminary programme** (see on reverse)

**graie** ZABR

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Campus LyonTech la Doua  
 66 boulevard Niels Bohr  
 CS 52132  
 F 69603 Villeurbanne Cedex  
 France

T +33 (0)4 72 43 70 56

F +33 (0)4 72 43 92 77

isrivers@graie.org

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[www.isrivers.org](http://www.isrivers.org)

## Programme

Time slot	Workshop topic	Speakers
12:00 – 13:00	<b>LUNCH</b>	
13:00 – 13:10	<b>Workshop Presentation</b>	Andrea Goltara (CIRF)
13:10 – 14:10	<b>The HyMoCARES project: objectives, case studies and preliminary results</b>	
	The HyMoCARES project: scope and objectives	Nicola Marangoni (Autonomous Province of Bolzano)
	The HyMoCARES logical framework: how do management actions affect ecosystem services?	Mauro Carolli (IGB-Leibniz-Institute of Freshwater Ecology and Inland Fisheries)
	Tools and approaches for integrating hydromorphological assessment and management at different scales	Mario Klösch (BOKU)
	HyMoCARES case studies of hydromorphological restoration: key actions and assessment methods	Frédéric Liébault (IRSTEA)
14:10 – 17:10	<b>Working groups: different applications of an ES based approach in river planning and management. Tentative list of topics:</b> <ol style="list-style-type: none"> <li>1. Catchment scale sediment management and restoration of sediment continuity</li> <li>2. Integrated measures for ecological restoration and flood risk mitigation</li> <li>3. Designing, monitoring and assessing river restoration measures</li> </ol>	Moderated group discussion, with the support of HyMoCARES partners and observers
17:10 - 18:00	<b>Summary and discussion of the main results of the WS. Next steps of the project.</b>	