



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Institute of Environmental Engineering

ETH Zurich
Prof. Peter Molnar
Hydrology and Fluvial Systems

Hydrology Seminar

**(Bio)geomorphological approaches at large scales –
a few examples and challenges**

Prof. Hervé Piégay

National Center for Scientific Research (CNRS), University of Lyon, France

Date: 29 May 2017

Time: 16:00-17:00

Room: HIT F13, ETH Hönggerberg

Abstract:

There are challenging issues to produce integrated scientific knowledge at large scales (long river reaches to networks) to improve planning and targeting actions in river management. To feed this gap, a few (bio)geomorphological examples will be introduced and discussed in term of advance and challenge. At the 500 km long reach of the French Rhône main stem, an integrated approach is developed to promote adaptive management of sediments within an observatory. At network scales, different strategies are tested to assess river characters and changes over the last century. Feedbacks from these examples may promote discussions and potential comparisons with the Swiss context, notably in terms of interactions between scientists and practitioners.

For directions check this link: <https://www.ethz.ch/en/campus/locations/zurich-region/hoenggerberg.html>

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