



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Institute of Environmental Engineering

Prof. Dr. Paolo Burlando
Professor and Chair of Hydrology and Water Resources
Management

SEMINAR

Monday, April 23, 17:00 h, ETH Hönggerberg HIT J53

Dr. Wouter Reinier Berghuijs
Institute of Terrestrial Ecosystems
ETH Zurich, CH

Climatic drivers of streamflow extremes

Abstract:

Seasonal climate conditions have a strong imprint on the terrestrial water cycle. In this talk, I outline how seasonal climatology can be described and used to organize and understand streamflow conditions over a wide range of time scales (daily to decadal) and a wide range of states (low flows to floods). I will pay particular attention to the seasonality, magnitude, and causes of flooding using data from thousands of catchments located in Europe and the United States.

For more information contact: Peter Molnar (molnar@ifu.baug.ethz.ch)