

SEMINAR

Tuesday, February 28th, 2017, 16:00 h, ETH Hönggerberg HIL D 10.2

Dr Silvan Ragetti

FLOOD PREDICTION MODELING FOR SMALL RIVER CATCHMENTS IN CHINA

Abstract

Rainstorm flash floods are a common and serious phenomenon during the summer months in many mountainous regions of China. [Hydrosolutions Ltd](#) is developing a modeling strategy for simulating flood events in small river basins of central and east China. The project is supported by the [China Institute of Water Resources and Hydropower Research \(IWR\)](#) within the framework of the national initiative for flood prediction and early warning system for mountainous regions in China. The long-term goal of IWR is the development of a national operational model for predicting and forecasting hydrological extremes in basins of size 10 – 2000 km². This talk will outline the relevant decisions and suggested strategies for setting up a hydrological model for a large number of catchments, considering also the case of ungauged catchments.