

Vienna Catchment Science Symposium, Saturday 13th April, 2019

On the Theme of: Regional process hydrology

10th Anniversary Symposium

Process hydrology has usually been done to understand phenomena at small (hillslope) scales based on field work, but phenomena happen, and can be profitably studied, at all scales. There are very important and interesting hydrological phenomena that happen at regional scales such as regional flooding patterns, drought propagation driven by teleconnections and regional aquifers interacting with the land surface to produce wetlands. Understanding phenomena from a regional process perspective is beneficial for addressing many regional societal problems and for advancing hydrology in its own right, given that hydrology is the science of water at all scales. The aim of this symposium is to learn about regional scale processes through data analyses, modelling and data-modelling synthesis.

<u>Time</u>	<u>Session</u>	<u>Location</u>
8:30	Tea, coffee, pastries and greetings	1 st Floor Foyer
8:45	Welcome and Introduction Günter Blöschl, Vienna University of Technology, Austria	Festsaal
9:00	Regionalization of hydrologic and geomorphic understanding Tom Dunne, University of California, Santa Barbara	Festsaal
10:10	Tea and coffee	1 st Floor Foyer
10:45	Regional patterns and processes of groundwater influenced ecosystems Ying Fan Reinfelder, Rutgers University, NJ	Festsaal
11:55	Short break	
12:00	Regional patterns and processes of floods Bruno Merz, German Research Centre for Geosciences, Potsdam	Festsaal
13:10	Lunch	1 st Floor Foyer
14:15	Small group discussion sessions Group 1: <i>Methods of identifying regional hydrological processes</i> Aim: to brainstorm the methods (data, models, frameworks) required to explore hydrological phenomena at all scales, including regional scales Moderator: NN Group 2: <i>What are the regional hydrological processes of interest?</i> Aim: to brainstorm what processes and phenomena are meaningful to be analysed at the regional scale, and what hypotheses should be addressed Moderator: NN	Festsaal Böcklsaal
16:00	Tea and coffee	1 st Floor Foyer
16:30	Plenary: Exchange of group findings	Festsaal
17:30	Evening drinks reception followed by dinner	1 st Floor Foyer

Location: Festsaal, TU Wien. Karlsplatz 13, 1st floor, 1040 Vienna

To make arrangements we need to know who will attend. Please sign up no later than April 1st by sending an email to office@waterresources.at

How to reach Karlsplatz 13, Vienna University of Technology, 1040, Vienna

Karlsplatz 13 is located very close to the metro (U-Bahn) station "Karlsplatz" (U-Bahn lines U1, U2, U4).

On leaving Karlsplatz station, follow the signs to Resselpark. Karlsplatz 13 is located directly across the park (2-3 minutes walk from the U-Bahn exit).

The Vienna Catchment Science Symposium will take place in the Festsaal. This is located on the 1st floor. Please use the elevator located at the main entrance of Karlsplatz 13. Tea and coffee will be available from 8:30 am on the 1st floor, directly by the elevator.

Maps showing location of Karlsplatz 13:



We look forward to seeing you in Vienna!