

# Vienna Catchment Science Symposium, Saturday 3<sup>rd</sup> May, 2014

## On the Theme of: Mainstreaming historical hydrology

Historical hydrology has been a niche discipline in the past with limited links to other hydrological fields of enquiry. Given the recent interest in hydrological change and longer time scales we now need to fully exploit the wealth of information from historical records in the past centuries in order to advance hydroclimatology, hydrological process understanding, stochastic hydrology and hydrological design. The aim of the 2014 Symposium was to strengthen the link between historical hydrology and other hydrological fields of enquiry. Given the recent interest in hydrological change and longer time scales we now recognise the need to fully exploit the wealth of information from historical records from the past centuries to advance hydroclimatology, hydrological process understanding, stochastic hydrology and hydrological design. During the course of the Symposium, four presentations described the interface of historical hydrology with other fields of hydrology, illustrating what can be learned from a historical perspective.

<u>Time</u>	<u>Session</u>	<u>Location</u>
8:30	Tea, coffee, pastries and greetings	3 <sup>rd</sup> Floor Foyer
<b>8:45</b>	<b>Welcome and Introduction</b> Günter Blöschl, Vienna University of Technology, Austria	Kuppelsaal
<b>9:00</b>	<b>Historical hydroclimatology and floods</b> Jürg Luterbacher, Justus-Liebig-University Giessen, Germany	Kuppelsaal
<b>10:00</b>	<b>Historical process hydrology - learning from case studies</b> Rudolf Brazdil, Masaryk University, Brno, Czech Republic	Kuppelsaal
11:00	Tea and coffee	3 <sup>rd</sup> Floor Foyer
<b>11:30</b>	<b>Historical, stochastic-dynamic hydrology</b> Rui Perdigao and Andrea Kiss, Vienna University of Technology, Austria	Kuppelsaal
<b>12:30</b>	<b>Historical hydrology and decision making</b> Mariano Barriendos, University of Barcelona, Spain	Kuppelsaal
13:30	Lunch	3 <sup>rd</sup> Floor Foyer
<b>14:30</b>	<b>Small Group Discussion Sessions</b>  <i>Group 1: Exploiting historical data bases</i> Brainstorming strengths and weaknesses of available data bases and meta data. Aim: to identify the role of data quality. Moderator: Rudolf Brazdil  <i>Group 2: Representativeness of the past for the future</i> Brainstorming changes in hydrological extremes and their boundary conditions. Aim: to understand the relevance of the greatest past extremes for present day decision making. Moderator: Mariano Barriendos  <i>Group 3: Historical socio-hydrology</i> Brainstorming long-term interactions between people and water and how these evolve. Aim: to identify evidence for quantifying these interactions. Moderator: Andrea Kiss	
16:30	Tea and coffee	3 <sup>rd</sup> Floor Foyer
<b>17:00</b>	<b>Plenum: Exchange of group findings</b>	Kuppelsaal
18:30	Evening drinks reception followed by Dinner	3 <sup>rd</sup> Floor Foyer



