

**ICWRER conference, Koblenz 2013**  
**Proposal to organize a session**

Title:

*Extreme precipitation: how to use past measurements and climate projections for urban hydrologic design?*

Convenor:

Dr. Thomas Einfalt, hydro & meteo GmbH & Co. KG Wetter und Wasser, Lübeck

Co-Convenor:

Dr. Markus Quirnbach, Dr. Papadakis GmbH  
Prof. Karsten Arnbjerg-Nielsen, Danish Technical University, Lyngby

Precipitation is one of the key variables in hydrology. In particular, urban hydrology heavily relies on precipitation data of high quality for design and operation of drainage systems and flood protection measures.

In this session we want to discuss different strategies to analyse extreme events in the past, to process climate projection data and how to assess the related uncertainties relevant for design of structures and planning of measures.

Submitted abstracts should include both, a short description of the used data and a summarised explanation of the intended or executed hydrological application.

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