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Session abstract

Title: Construction of river flow scenarios

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In the recent years a wealth of information has become available on how the hydrological system in Europe may change in the 21st century as a response to increased atmospheric green house gas concentrations. This information is offered in the form of hydrometeorological and hydrological projections, which serve as a raw material for the construction of river flow scenarios. According to IPCC scenarios are defined as coherent, internally consistent and plausible description of [...] how the future can unfold. They are used by stakeholders in decision processes on possible adaptation needs.

This session intends to present and compare different approaches of how scenarios describing future changes in large river basins were generated. Aspects to be addressed cover the data resources, models and methods used but also the process of coordination between institutions as well as examples of the application of the scenarios in specific decision processes on the political/administrative level.