### Jan Seibert

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## **Research projects**

- <u>CrowdWater</u>
- · Hydrological modelling for climate-change impact assessment
- EviWet (Evidence-based Decision Support for Hydrological Ecosystem Services from Wetlands)
- Runoff processes in small, pre-alpine catchments
- ....

# Professional and public service activities

#### Current

- On the editorial board for WIRES Water, Hydrology and Earth Science Systems (HESS), Hydrology Research
- Member of American Geophysical Union (AGU), European Geosciences Union (EGU), International Association of Hydrological Sciences (IAHS), American Water Resources Association, NHF (<u>Nordic Association for Hydrology</u>), ....

#### Previous

- Chair of Subdivision on Catchment Hydrology within EGU
- Chairman for <u>SHR</u> (The Swedish Hydrological Council)
- Member of the <u>NHF</u> board (Nordic Association for Hydrology)
- Website development within the Prof. Water (<u>Profesor Vatten</u>) project at the Uppsala Water Center (UVC), which is a pedagogical website about water for schoolchildren.

## **Previous positions:**

- Associate Professor ('docent / lektor') at Stockholm university, Department of Physical Geography and Quaternary Geology (2005-)
- Assistant Professor ('forskarassistent') and Associate Professor ('docent'), Swedish University of Agricultural Sciences (SLU), Dept. of Environmental Assessment (2001-2004)
- Postdoctoral research assistant, Oregon State University, Dept. of Forest Engineering (2000)
- Researcher, Department of Earth Sciences, Hydrology, Uppsala University (1999)
- PhD student (hydrology), Department of Earth Sciences, Hydrology, Uppsala University (1994-1999)

### Organisation of workshops and conference sessions

- <u>Hydrologidagarna 2007</u>, Norrköping, April 2007: Vatten i en varmare värld (Hydrologydays 2007, Water in a warmer world)
- <u>Hydrologidagarna 2006</u>, Stockholm, Mars 2006: Har vi den kunskap som behövs behövs den kunskap vi har? (Hydrologydays 2006, Do we have the knowledge which is needed is the knowledge needed which we have?)
- Workshop at Stockholm university (26.8.2005): <u>Catchment hydrology what do we (need to) know?</u>

- European Geosciences Union (EGU), General Assembly, Vienna, Austria, April 2007: Calibration, data assimilation, and uncertainty estimation of spatially distributed and integrated catchment models (HS34, co-convener)
- European Geosciences Union (EGU), General Assembly, Vienna, Austria, April 2005: Tracing the runoff generation process integrated experimental investigations from plot to catchment scales (<u>HS6</u>, co-convener), Quantification of structural error, parameter estimation and uncertainty assessment in groundwater and hydrological catchment modelling (<u>HS32</u>, co-convener), Spatial patterns and analysis for water quality modelling at the catchment scale (<u>HS36</u>, convener)
- European Geosciences Union (EGU), General Assembly, Nice, France, April 2004: Spatial analysis and landscape discretisation for catchment modelling (<u>HS7</u>, convener) and Quantifying and reducing uncertainty in hydrological catchment modelling (<u>HS35</u>, convener)
- Joined European Geophysical Society (EGS) American Geophysical Union (AGU) meeting, Nice, France, April 2003, convener for session <u>HS21</u> (Spatial analysis, landscape discretisation and catchment classification for hydrological modelling), co-convener for session <u>HS18</u> (Incorporating hydrological processes knowledge into catchment modelling)

### Awards:

- Jim Dooge Award 2020
- Outstanding Editor Award HESS 2018
- EGU Union Service Award 2007
- Prize winner for the best article in Nordic Hydrology during 2002-2003 for the article "Reliability of model predictions outside calibration conditions", Vol. 34, No. 5, 477-492, 2003.

#### About Me



Jan Seibert

Hydrology and Climate Department of Geography University of Zurich

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