

## **Program Hydrologidagarna 2016, 16-17 mars**

*Sal L, Undervisningshuset, Campus Ultuna, Uppsala*

### **Onsdag 16 mars:**

10.15: Registration

#### *Session 1*

10.40-11.00: Martin Erlandsson Lampa/Kevin Bishop/SHR: Welcome and introduction

11.00-11.25: Professor Lars Nyberg, Karlstads universitet/Centrum för klimat och säkerhet: "Hydrological threats and the vulnerability of society – how risks should be handled?"

11.25-11.50: Stefano Marzoni, Stockholm University: "Soil carbon cycling under drought: Integrating hydrological and biological processes in a common theoretical framework"

11.50-12.15: Anneli Poska, Lund University – "Estimating the impact of land-use and climate changes on DOC production in the Baltic Sea catchment. 6000 years of Human-Land-Sea-Interactions"

12.15-13.30 Lunch

#### *Session 2*

13.30-13.55: Docent Berit Arheimer, SMHI – "C3S: A new service with European water data – possibilities and challenges"

13.55-14.20: Ezra Haaf, University of Gothenburg – "Similarity Search in Groundwater Hydrographs for Predictions in Ungauged Aquifers"

14.20-14.45: Dr Peter Berg, SMHI – "Heavy rainfall in Sweden – today and in future projections"

14.45-15.30: Coffee break

#### *Session 3*

15.30-15.55: Claudia Teutschbein, Uppsala University: "Hydrological response to changing climate conditions: Spatial streamflow variability in the boreal region"

15.55-16.20: Ida Westerberg, IVL: "Impact of discharge data uncertainty on nutrient load uncertainty"

16.20-16.45: Giuliana Zanchi, Lund University – "Modelling the impacts of forest ecosystems on water resources"

16.45-18.00: Poster Session

17.00-18.00: SHR Annual meeting – Sal "Arenander"

18.00: Dinner (MVM-huset)

## **Thursday 17 March**

### *Session 4*

9.00-9.25: Ylva Ran, Stockholm Environment Institute: "Producing food for humans – from crops or animals? Tackling competition for freshwater use between crop and animal production"

9.25-9.50: Arvid Bring, Stockholm University: "Deficit of water decreases cooperation over transboundary waters more than it increases disputes"

9.50-10.15: Rajabu Hamisi, KTH: "Modeling Spatiotemporal Availability of the Consumptive Freshwater in Tegucigalpa"

10.15-10.45: Coffee break

### *Session 5*

10.45-11.10: Professor Giuliano Di Baldassarre, Uppsala universitet: "Droughts and Floods in the Anthropocene"

11.10-11.35: Giulia Vico, SLU: "Managing water in agroecosystems under uncertainty: A probabilistic approach"

11.35-12.00: Jean-Marc Mayotte, Uppsala University – "Estimating controls on virus removal rates in sand filters: organic matter, ionic strength and the experimental uncertainties"

12.00: Lunch

## Poster presentations

Yanzi Yan, Lund University: "A combined algorithm for automated drainage network extraction from higher resolution DEM"

Marc Girons Lopez, Uppsala University: "Using socio-hydrological data for improving water management Practices"

Kenechukwu Okoli, Uppsala University – "Flood Frequency Analysis: a combinatorial approach"

Anna Åkesson, WSP – "Hydrologi och hydraulik på WSP"

Roland Barthel, University of Gothenburg – "PFASs in groundwater – A threat for drinking water supply in Sweden?"

