HEPEX

Hydrologic Ensemble Prediction EXperiment

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← How to bring out the "intuitive statistician" in every forecaster

What makes a forecast with uncertainty valuable to practitioners? →

HEPEX workshop on seasonal hydrological forecasting

Posted on March 24, 2015 by Fredrik Wetterhall

Seasonal Hydrological Forecasting Workshop

21-23rd September 2015, Norrköping, Sweden

Seasonal forecasting is increasingly becoming part of water management activities and tools. This workshop will bring together researchers, operational forecasters, practitioners and end-users from all around the world to discuss the latest developments in hydrological seasonal forecasts and applications in the water management sector.

SMHI

Closing the workshop

Ilias Pechlivanidis (FoUh, SMHI)

Support funding:
Swedish energy research centre

Energiforsk

MANY thanks!!

Micha Werner

Massimiliano Zappa

Christopher White

Keynote talks

Upskilling – Uncertainty reduction and representation in seasonal forecasting

By Dr. QJ Wang, senior Principal Research Scientist, CSIRO, Australia:

"I will share with participants on the various methods we have developed to improve forecast skill and reliability, extend forecast range, and make forecast products more tailored to user needs in Australia" Read more about QJ Wang

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Hydrological Outlook UK: an operational river flow and groundwater level forecast at monthly to seasonal scale

by Christel Prudhomme, CEH, UK:

"I will talk about the Hydrological Outlook UK, which is the first operational forecast system for Great Britain that delivers monthly outlooks of the water resources for the next 1 to 3 months for both river flow and groundwater levels. It is based on an expert-merging of three complementary methods: a statistical method based on river flow analogue and persistence; a Streamflow Ensemble Prediction System applied to selected catchments and boreholes; and a national hydrological modelling system driven by rainfall scenarios based on the UK Met Office ensemble rainfall 1 and 3 months forecasts." Read more about C. Prudhomme

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Processing weather forecasts for hydrological ensemble forecasting and decision making in hydropower

By Erik Tjøtta, Statkraft Energi AS, Norway:

"In the presentation we outline how information from weather forecasts for various horizons can be combined, using quantile mapping, and processed through the models to produce a seasonal hydrological ensemble forecast." Read more about Erik presentation

Have a nice and safe trip back home!!