Workshop on Seasonal Hydrological Forecasting
21-23 September 2015

Tuesday 22nd, 15.30 - 17.00, Workgroup/discussion:

How to set up a community experiment?

- PURPOSE: What do we expect to gain in setting up a community experiment / a collective effort?
- What advances do we expect to reach?
    – Training, experience, insights?
    – Statistical methods vs dynamical models?
    – What raises predictability and what destroys it?
    – What is working and what is not working? How good are forecasts?
    – How info is produced and conveyed?
    – Opportunities to make better forecasts and add value to it: can we do better?
- An intercomparison experiment can lead to consensus on the broad outlines of a robust approach that synthesizes the learning of many researchers
- Should we have one testbed or several testbeds? Some questions for one case or raise common questions for different cases?
- Test a protocol: demonstration? Real-time/hindcasts?
- What can we learn form others (other catchment, other models)? What is comparable?
- What do we already know? What does not need to be tested?
- What involvement of users? Linking decision process to phenomena?
- What links to s2s database?

1. Set purpose

2. Set leads/participants (solicit through HEPEX)

3. Coordinate:

    -   define study basins

    -   protocol for evaluation

    -   scope/timeline of experiments

4.   Assemble data, models, methods

5. Approach Intercomparisons

    -   What is the marginal benefit of dynamical/complex approaches over statistical/simpler ones for various types of prediction? Where are dynamics necessary?

6. Dissemination / Outreach

    -   What are useful ways of communicating results

    -   Website, publication, also local interaction with users