Workshop on Seasonal Hydrological Forecasting
21-23 September 2015

Tuesday 22\textsuperscript{nd}, 15.30 - 17.00, Workgroup/discussion:

\textbf{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