Working Group on Sub-seasonal to Interdecadal Predictions (WGSIP)

22nd session

Remote session, 28-30 October 2020

ACTION LIST

1. **WCRP Structure and Model-data home**: express WGSIP position at upcoming JSC41b session wrt leveraging CMIP framework, infrastructure and secretariat support (Bill, Doug, Mich)

2. **DCPP**: explore interest from the broader DCPP community on organizing a COVID-19 MIP and coordinate also with WGCM/CMIP as appropriate (Doug/Jon/Tatiana) - in collaboration with 4C?

3. **CHFP**
   a. ensure instructions to access and read files are easily found (Ramiro)
   b. continue to pursue “pipeline” for incorporating past & present WMO GPC (and C3S?) monthly hindcast data and possibly sea level pressure monthly means (Bill, Ramiro)

4. **I4D**
   a. everyone encouraged to contribute and use this framework, code repository (all)
   b. calibration of dynamical sea-ice calibration and liaising with IICWG (Francois)

5. **SNOWGLACE, Extremes, and other on-going projects**: ensure regular reporting to WGSIP on a regular basis (co-chairs)

6. **LRFTIP**
   a. involve contributing centers to contribute to paper by providing science insights into shocks and drifts (Ramiro, Mikhail, Bill)
   b. add NorCPM S2S simulations to database (Yvan)
   c. add data from one or more versions of MF system including pre-System 8 with coupled initialization (Lauriane, Bill)

7. **Monsoon**: Develop overview article for future GEWEX newsletter (Yuhei, Hongli)

8. **SIPN**
   a. South: recommendation to add sea-ice thickness (Francois)
b. North: keep contact (Francois)

9. Emerging challenges
   a. S/N Paradox: growing evidence this applies to all time scales, likely to projections as well (Doug)
   b. Usability of predictions for decision making: challenge of blending from various streams, communication of uncertainty, something I4D can contribute to (Angel, Lauriane)
   c. Idea for a paper on major climate prediction challenge (similar to NWP paper, Bill will send reference) (Bill and other contributors)

10. Lighthouse Activities
    a. Ensure 2-way liaison, invitation at conference calls or sessions of LHA Climate Prediction Experts (co-chairs)
    b. Explaining Earth System Change: attribution studies (ECMWF-Stephanie, NOAA, BoM/U Melbourne Debbie), modulation of skill on decadal scales (ECMWF-Yvan, U Melbourne/BoM-Debbie, H2020-Focus Africa Asmerom)
    c. My Climate Risk: maybe invite Paco Doblas-Reyes or Harry Hendon (co-chairs)
    d. WCRP Academy (Angel offers to liaise)

11. Additional collaboration
    a. SSH Prediction: coordinate with parallel effort led by Matthew Widlansky of IPRC, possibly leading to a joint paper (Bill)
    b. Operational centers to keep liaising with: INPE, KMA, BSC, CSIRO, NCEP (co-chairs)

12. ExCPEns Workshop and WGSIP23:
    a. engage with S2S International Coordination Office (moving from Jeju to APCC) (June-Yi)
    b. engage with S2S ASEAN real-time pilot, BOM, US CLIVAR LE, SMILE, UNSEEN, MEDSCOPE, etc (Bill)
    c. revise timeline to ensure sufficient time for reviews (June-Yi)
    d. WGSIP23 (Thur AM – Fri PM) back to back with ExCPEns Workshop, 11-15 or 18-22 Oct 2021 (co-chairs and June-Yi)
    e. NB Quadriennal Ozone Symposium also planned in Korea in October (3-9) 2021: possibility for back to back travel