



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

### 22<sup>nd</sup> 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 DCPD 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 Quadriennial Ozone Symposium also planned in Korea in October (3-9) 2021: possibility for back to back travel