Discussion on coordination between WGSIP … and ET-OPSLS

ET-OPSLS Meeting Beijing April 11-15

WGSIP inputs & discussions

- WGSIP subprojects and CHFP described
- Benefits of ESGF, interoperability of data standards and open data extolled
- Agreed that the issue of multiplicity in data formats was a key issue to address in light of the increased data sharing envisaged for the GFCS
- Role of DCPP and GC-NTCP in supporting development of infrastructure for near-term climate prediction acknowledged by ET

WGSIP – ET-OPSLS linkages

- ET-OPSLS suggestions for WGSIP sub-projects:
  - Better establish optimization (in lagged ensemble approaches) of ensemble size versus increasing lead time needed to accumulate more lagged members
  - Experimentation to improve understanding of the impact of different observation platforms and types on the skill of sub-seasonal to longer timescale predictions

- Suggested that WGSIP undertake ‘horizon scanning’ for forecast product research that could be accelerated into operations

What would be our recommendations?

Initial suggestions:

- GPCs and LC prepare for eventual provision of daily data to support forecasting of
  - risks of extremes
  - anomalies in onset and cessation dates and other threshold phenomena that vary interannually
- GPCs and LC prepare for eventual provision of additional variables including snow, soil moisture and … (adequate verification?)
- Forecasts be provided of indices for circulation modes such as NAO and AO for which some systems have developed very appreciable skill (MM presentation could emphasize skill level through line thickness, coloring, etc.)