

WCRP Workshop on Extremes in Climate Prediction Ensembles (ExCPEns)

Subseasonal · Seasonal · Annual to Decadal · Multi-decadal



APEC Climate Center (APCC) | ~~26-28 October 2020~~, Busan, Korea

Mid-October 2021



- Climate prediction ensembles provide many realizations of climate system evolution from observational initial states
- This workshop will highlight & synthesize research on
 - predicting specific extreme events at ranges >10 days
 - quantifying evolving risks of extremes, including unprecedented events
 - impacts and physical mechanisms of unprecedented extremes in climate prediction ensembles
- APN funding to support participation by scientists from developing Asian countries (esp. ECS)

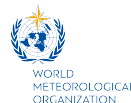
Scientific Organizing Committee

Doug Smith (Met Office/WGSIP)
William Merryfield (ECCC/WGSIP)
Frédéric Vitart (ECMWF/S2S)
Xuebin Zhang (ECCC/GC-Extremes)
Arun Kumar (NOAA/IPET-OPSLs)
June-Yi Lee (PNU/WGSIP)
Hongli Ren (CMA/WGSIP)
Michel Rixen (WCRP)
Catherine Michaut (IPSL/WCRP)
Yun-Young Lee (APCC)

Local Organizing Committee

June-Yi Lee (PNU/WGSIP)
Jin-Ho Yoo (APCC)
Sangwon Moon (APCC)

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ASIA-PACIFIC NETWORK FOR
GLOBAL CHANGE RESEARCH



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Key Dates toward ExCPEns

- **Jan 1 – 31, 2021:** Implementation of communications and networking plan (website, database, email distribution list, etc)
- **Feb 1 – 28, 2021:** Launching the announcement of the workshop
- **April 30, 2021:** Deadline for abstract and ECS application submission
- **May 31, 2021:** Notification of decision on applications and abstracts
- **June 1 – July 31, 2021:** Registration and formulation of workshop programme
- **Mid-October 2021:** WCRP ExCPEns and ECS networking event (3 days), WGSIP 23 (2 days?)
- **December 1, 2021 – April 30, 2021:** Preparation of project reports and a peer-reviewed journal paper.
- **April 30, 2021:** APN project & financial report submission

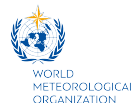


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Potential Activities/Projects for ExCPEs

- S2S relevant activities & participation
- Engagement w/ Subseasonal to Seasonal South East Asia Real Time Pilot Project?
- Relevant decadal prediction studies (→DCPP Panel, GC-NTCP)
- The UNSEEN methodology
- Contacts in the large ensembles of uninitialized climate simulations community:
 - US CLIVAR Working Group on Large Ensembles
 - Single Model Initial-condition Large Ensemble (SMILE) community
- WCRP Grand Challenge on Weather and Climate Extremes
- Relevant activities & contacts in global community including applications & users
 - inventory for planning of workshop



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