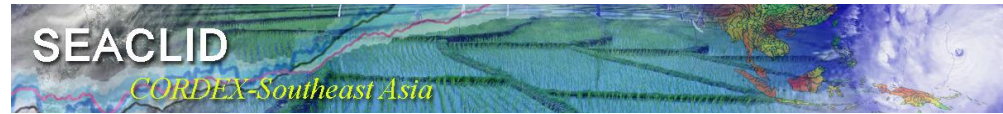


Session 0

Keynote Lectures

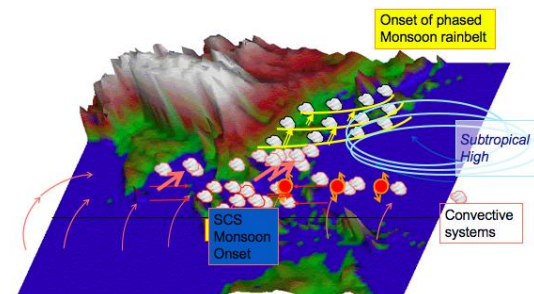
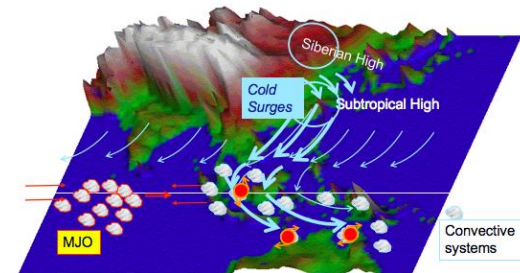
Dr Fredolin Tangang

- Recent extreme events
- Global frameworks
- Gaps in localized information and in capacities
- SEACLID / CORDEX Southeast Asia
 - Networking, scientific progress, capacity building
- 1.5 and 2.0 degrees C warming policy-relevant information
- ESGF, RU-CORE, 2nd phase (5km), engaging users



Dr Hang-Hsiung Hsu

- East Asia climate variability and change, review
- Winter Monsoon
 - Climate regime shift in late 1980s, warming
 - Hemispheric and global
- Summer monsoon
 - Multi-scale
 - Convection-circulation coupling
 - TC as part of climate variability



Dr Liqiang Sun



- National Climate Assessment of the US
 - List of derived variables, to meet sector needs
 - NA-CORDEX and LOCA – statistical downscaling (localized constructed analogs)
 - Weighting
- Downscaling tools should be thoroughly evaluated
- Attribution of climate extremes
- Ensemble size depends on variables
- Focus on climate variables that are both relevant and adding values by regional models.
- Focus on analysis of the physical mechanisms of local climate changes by RCM