Status & Gaps in Monsoon Prediction
Group A
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Status

- Prediction of Monsoon is still low in most country

- Different improvement skill from one region to another

- Although the meteorological department /researcher claims that the predictability is significantly increasing year to year, general perception claims that it is unchanging.

Gaps

- Lack of two-ways communication between
  - researchers
  - different unit/department under the same meteorological (MET) agency
  - researchers and MET agency
  - MET agency/researchers and end user
- Modelling effort and application
  - no universal model for a particular country/region
  - proposed model are not used in the MET agency for forecasting, hampering effort in model verification and improvement
  - physical mechanisms that govern the local weather/climate is still not fully understood
- Data collection, integration, management and sharing
  - not all data are collected, archived or managed centrally
  - in-situ data collection are scarce and sparse especially over the mountainous regions