

# Interdecadal Variability: Observational Era

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- East Asian Summer Monsoon
  - PDO
  - Indian Ocean
  - Summer AO induces global progressive response
- AIR
  - No clear PDO signal
  - Possible AMO influence, but mechanisms not elucidated
- Sahel
  - AMO signal
- Interdecadal Variations of the Tropospheric Biennial Oscillation
- Modelling
  - PDO: diagnose regional SST forcings
    - Addresses stationary forcing
    - How do you explain the transient response (southward shift of the rain belt)?
    - SST forced experiments vs. coupled experiments
  - AIR-ENSO signal waxes and wanes: related to ENSO variance
- Issues
  - Red noise?
  - Need for idealized experiments
- Talks have addressed empirical evidence for relationships
  - BUT are the forcing mechanisms themselves predictable?