

II.1 Analysis and Mechanisms

II.1.1 ENSO and MJO

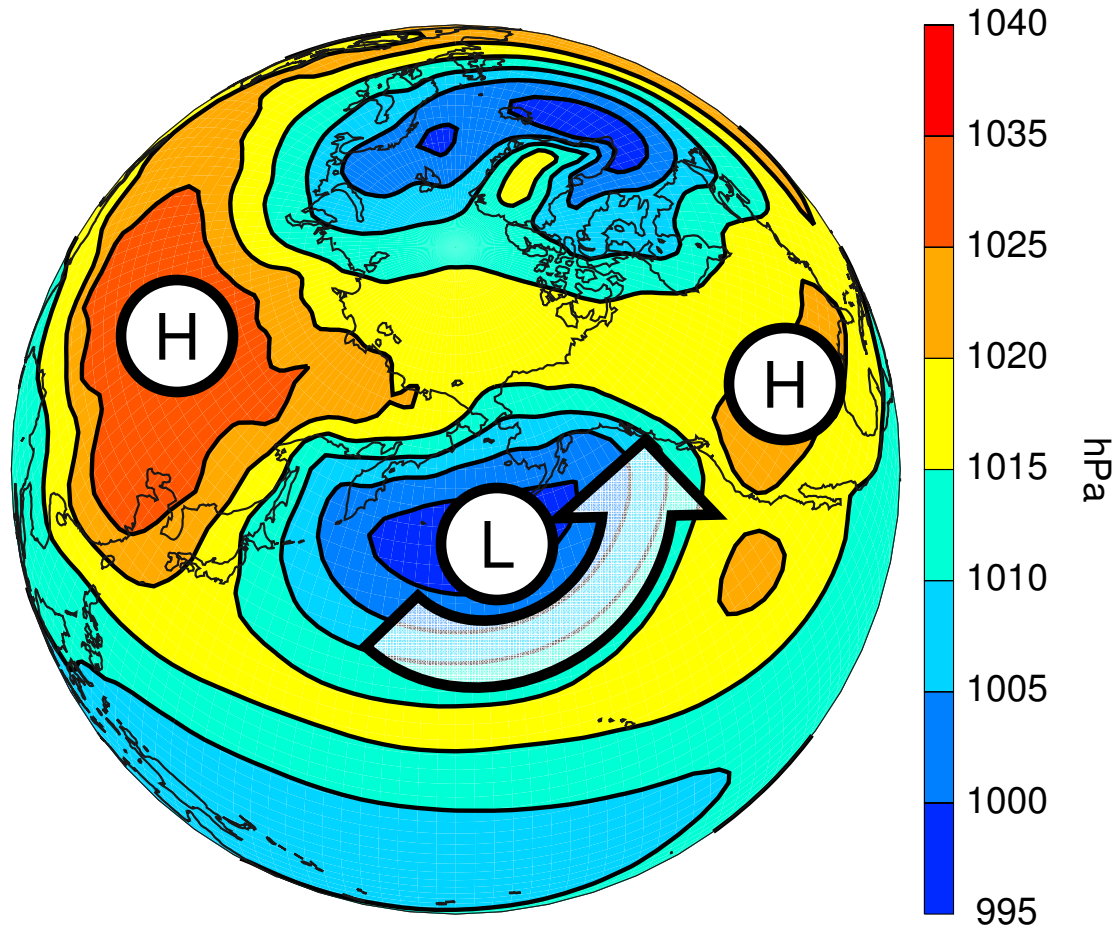
II.1.2 PDO and NAM

PDO: Lienert, Fyfe, Merryfield

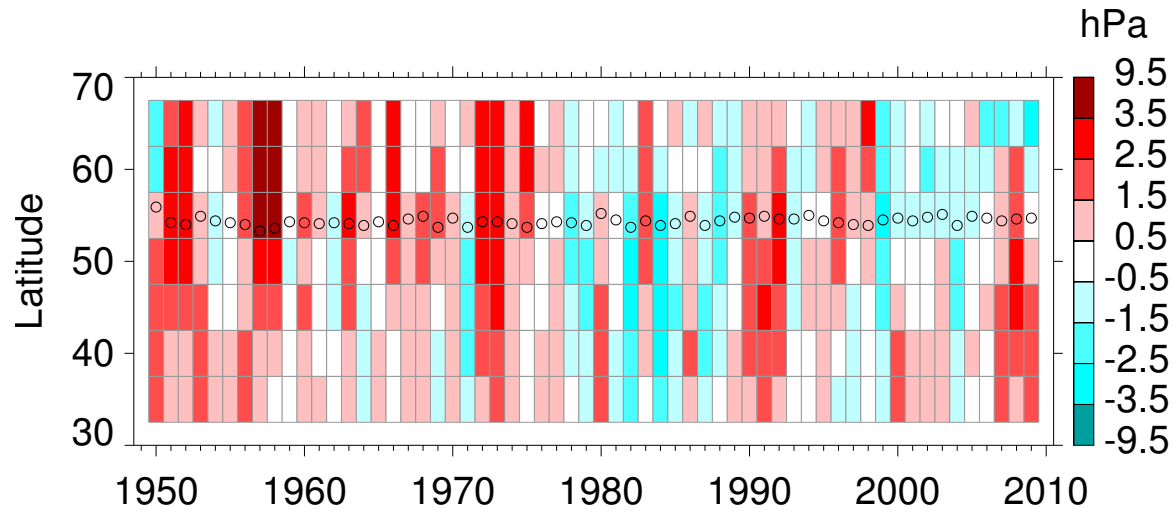
NAM: Monahan and Fyfe

D&A: Fyfe and Gillett

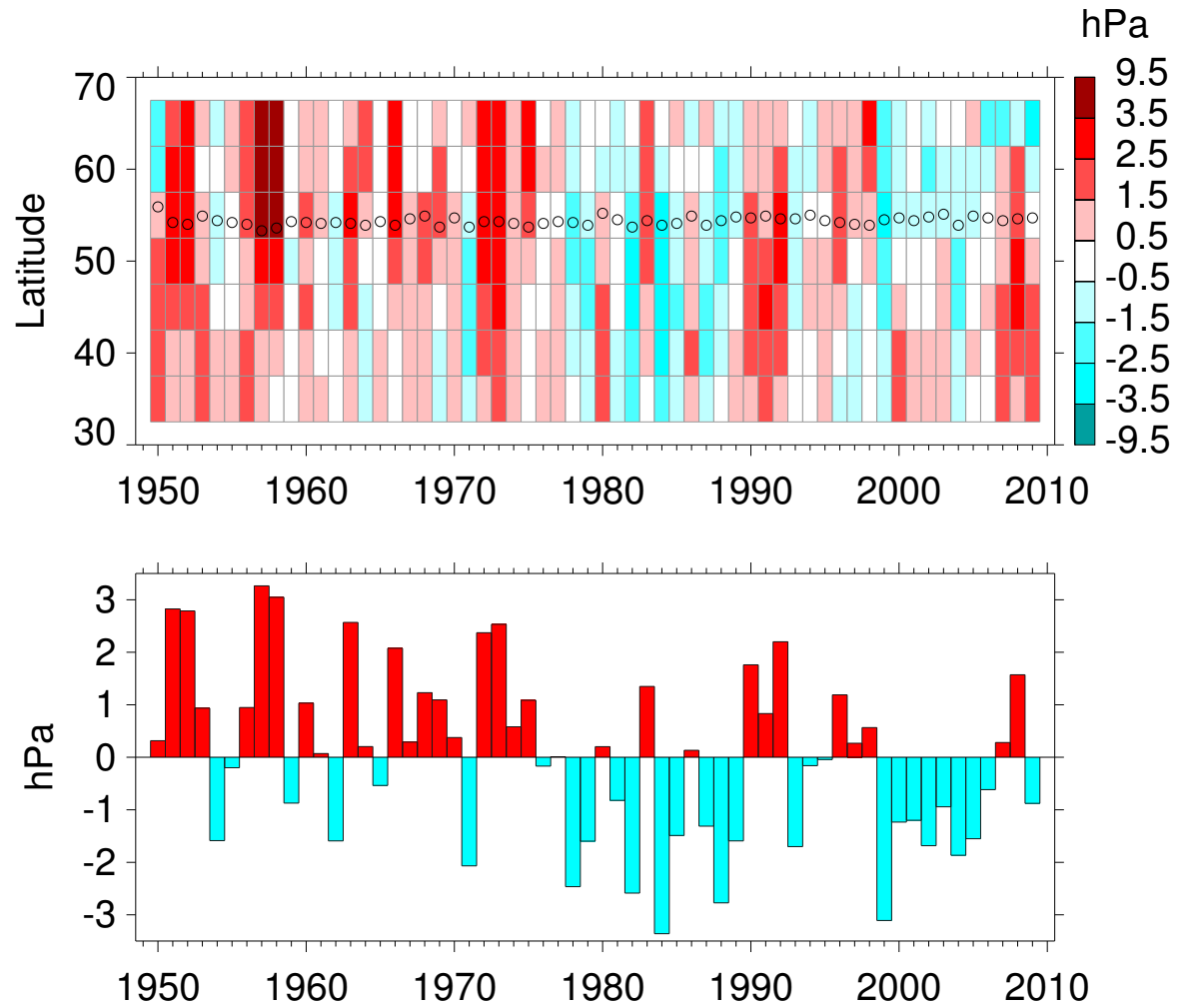
Winter Sea-Level Pressure



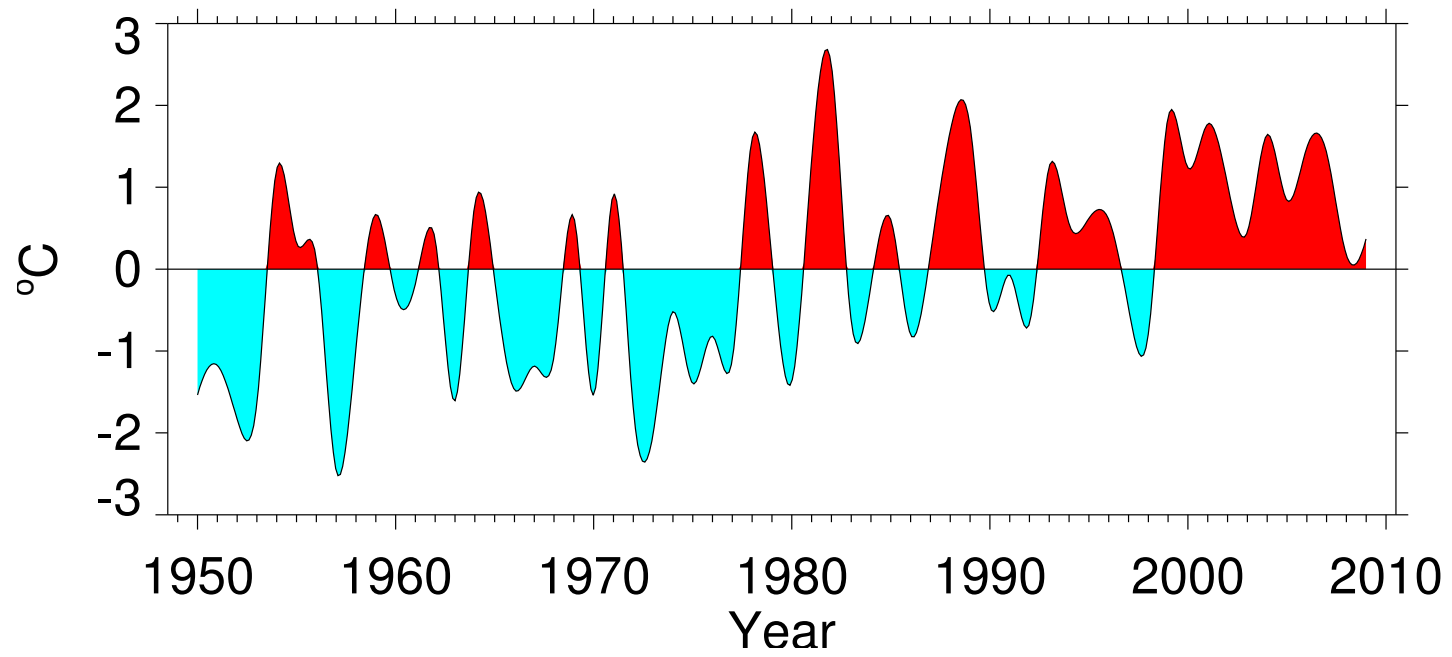
Sea-Level Pressure Anomalies



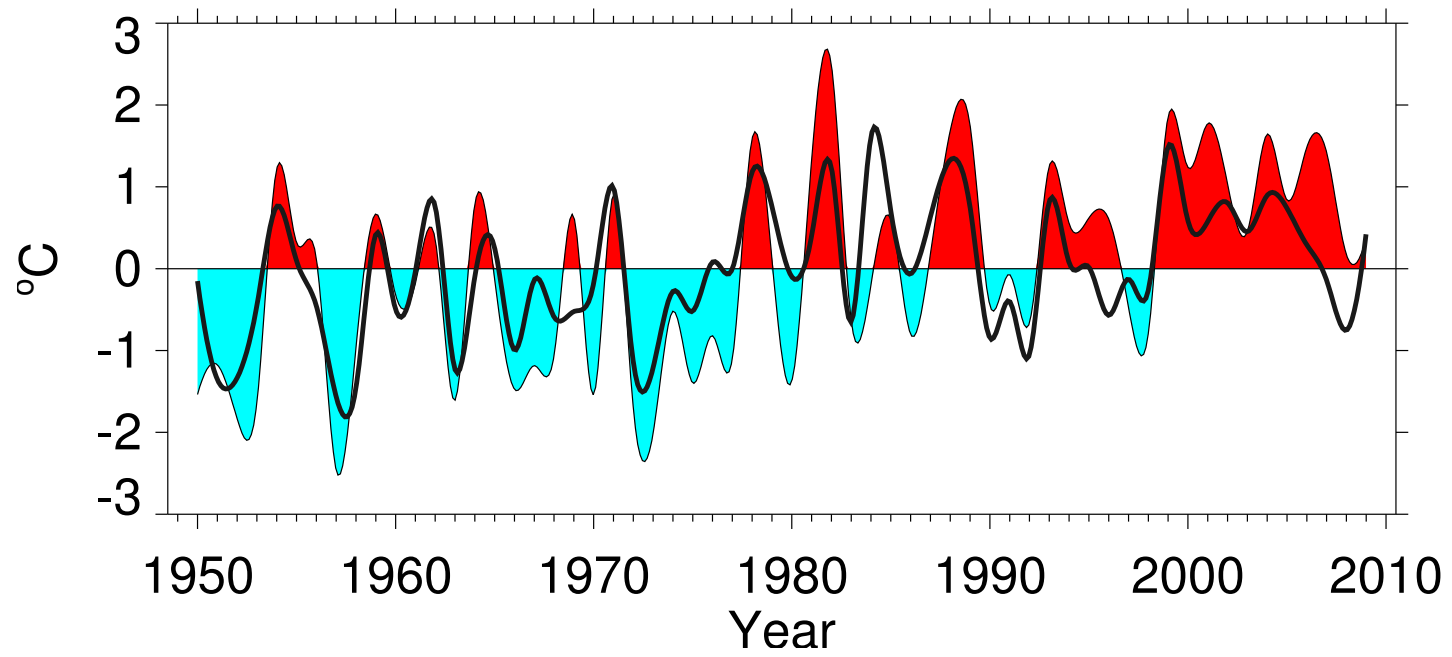
Sea-Level Pressure Anomalies



Continental Surface Temperature



Continental Surface Temperature



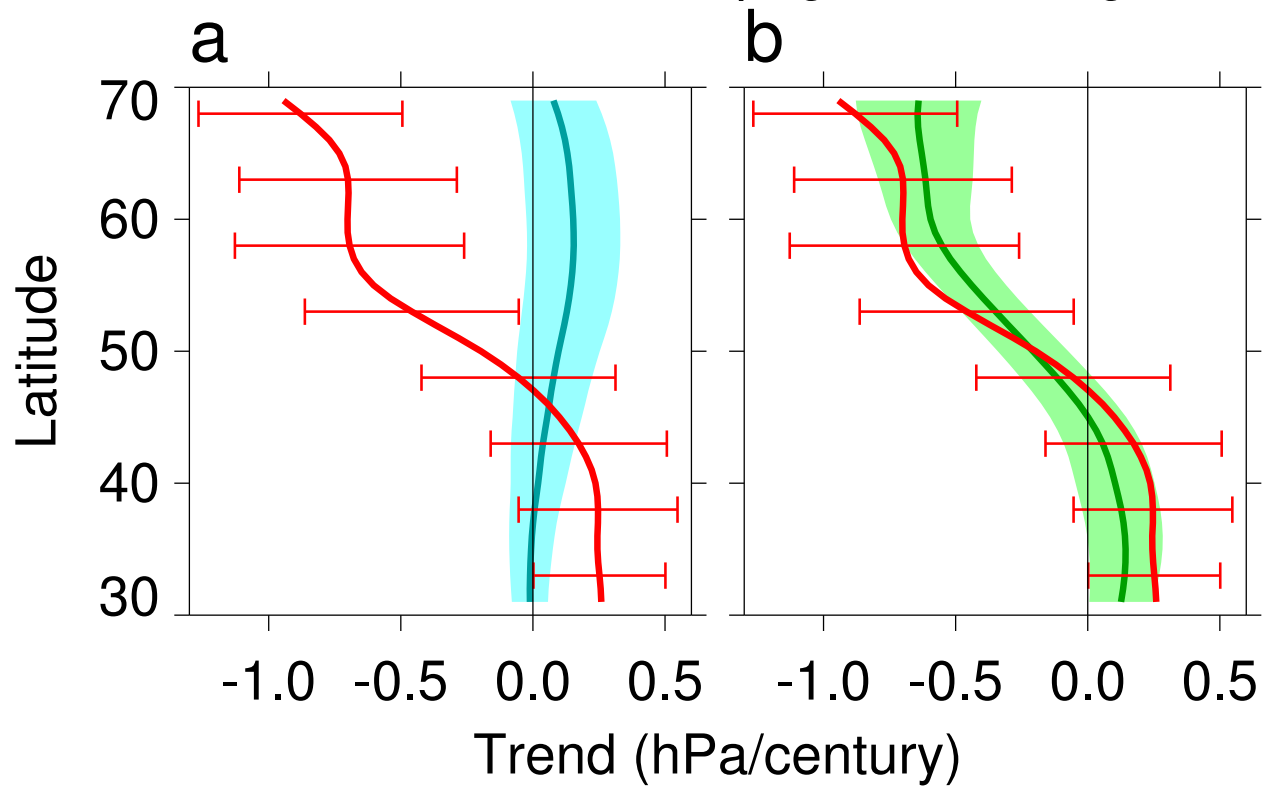
Datasets

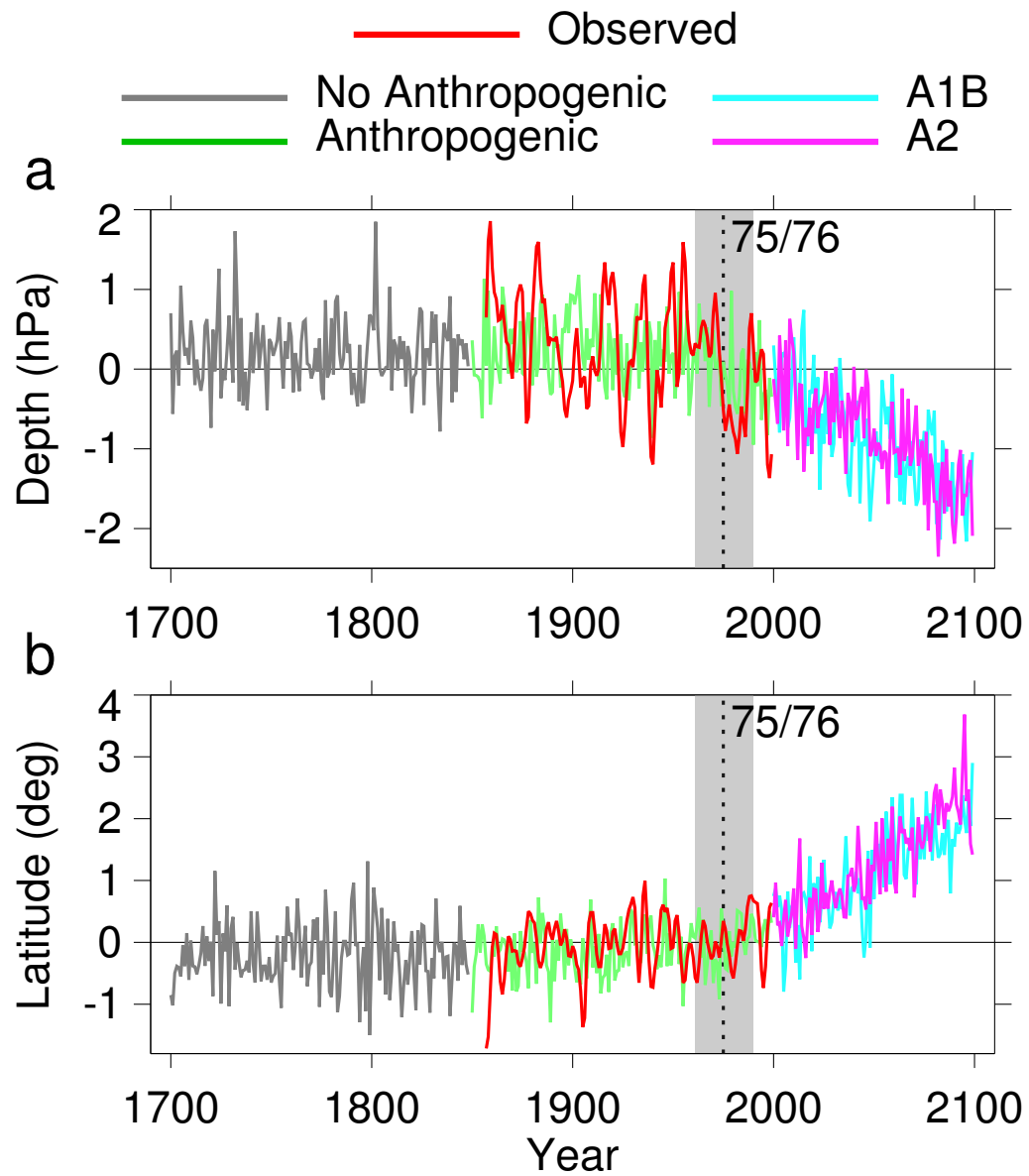
- UKMO HadSLP2
- CRUTEM3v surface temperature

Simulations

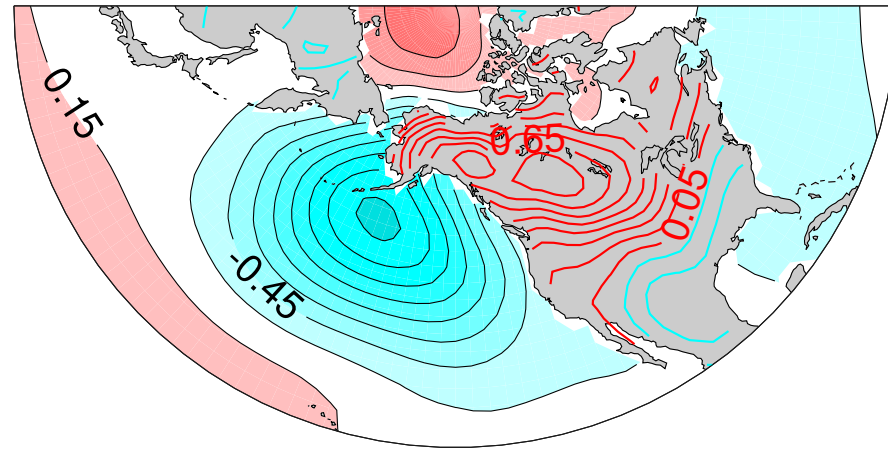
- WCRP CMIP3 models
- Control, historical and projected

- Observed
- Without Anthropogenic Forcing
- With Anthropogenic Forcing

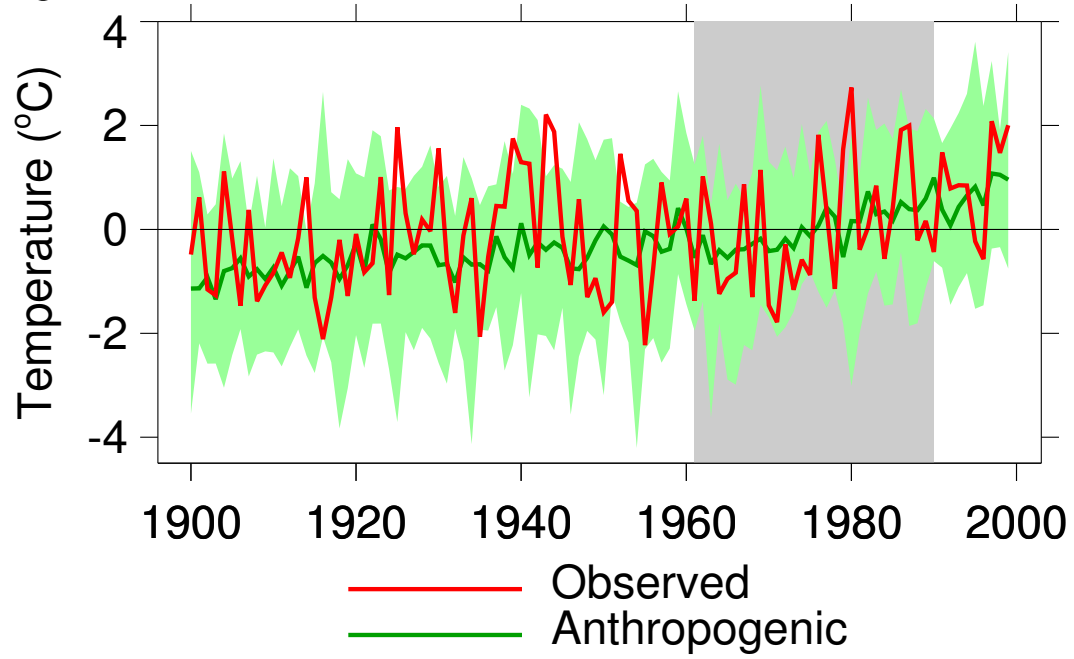




a



b



Main Results

- Anthropogenic shift toward a deeper and more poleward Aleutian Low
- Impacting mean climate and variability over Western North America