





1) Experiments with CAM4-1°









CAM4 Temperature and Sea Level Pressure Response to Sea Ice Loss:

Sensitivity to Local SST Increase

CAM4 Response: SLP and Terrestrial Air Temperature



CAM4 Response: SLP and Terrestrial Air Temperature

Weaker High Pressure

w/SST feedback SLP' lasts longer with SST'



Arctic Amplification: Role of Sea Ice Loss and Local SST Feedback



December Air Temperature (Land only) °C



2) Experiments with CCSM4-1° (Laura Landrum)