Atmosphere

CMIP5 AOGCM

Ocean downscaling (from ocean group)

Ocean

Anomalies in SMB runoff temperature

ISM implements SMB/temp including SMB elevation feedback

ISM implements ice shelf collapse

ISM implements melt rate

Own method

ISMIP6 method

High

Median

Low

(a) Antarctica

(b) Greenland

Atmosphere properties (from AOGCM)

CMIP5 AOGCM

Ocean downscaling (from RCM)

Ocean downscaling (from ocean group)

Anomalies in salinity temperature thermal forcing

Anomalies in SMB runoff temperature

ISM implements SMB/temp including SMB elevation feedback

ISM implements calving flux/retreat rate

Own method

ISMIP6 method

High

Median

Low

Datasets and anomalies for calving front retreat salinity temperature thermal forcing

Additional runoff