Discussion: ocean-ice coupling

- CESM2
- CESM3

CESM2: e.g. ISMIP6

	Forcing to ice sheet	Forcing to ocean
GrIS	Currently: nothing for BG For ISMIP6: • Variable: melt rates? • How to compute this from model output Offline vs Coupled studies	Only CESM: Coupling frequency CESM-CISM: • Flux from CLM • Flux from CISM Coupling frequency
AIS	Coupled: • Development? Offline:	Only CESM: Coupling frequency

CESM2-AIS

(Bill Lipscomb)

- CISM:

Dynamics: DIVA?

1. Grounding line (ready)
2. Calving (in progress)
3. Plume model (in progress)

- ***Towards*** coupling: Meaning, target?
  - With CAM
  - With CLM
  - With POP/CICE ? Or With MOM6

CESM3?

	Forcing to ice sheet	Forcing to ocean
GrIS	Currently: nothing for BG For ISMIP6: • Variable: melt rates? • How to compute this from model output Offline vs Coupled studies	Only CESM: Coupling frequency CESM-CISM: • Flux from CLM • Flux from CISM Coupling frequency
AIS	Coupled: Offline:	Only CESM: Coupling frequency