Grounded ice sheet

- Ablation/accumulation energy flux
- Atmospheric pressure
- Gravity \( g \)
- Temperature \( T \)
- Surface \( S(x,y,t) \)
- Basal drainage/refreezing heat flux
- Bed \( B(x,y,z) \)

After Morland, 1983
Floating ice shelf

ablation/accumulation energy flux

atmospheric pressure

climate

water pressure

melting/refreezing

Base $B(x,y,t)$

grounding line

temperature $T$

Surface $S(x,y,t)$