

Initial conditions and basal topography

Climate
forcing

Surface mass
balance (SMB)

$$\text{Ice thickness } (h) \\ \frac{\partial h}{\partial t} + \nabla \cdot (\bar{\mathbf{u}}h) = \text{SMB}$$

Ice flow $\bar{\mathbf{u}} = (\bar{u}, \bar{v})$

Training from
HO models