External quantities		Units
z_b	Local depth of ice-shelf base	m
α	Local slope angle	–
z_{gl}	Depth of grounding line	m
T_a	Ambient ocean temperature	°C
S_a	Ambient ocean salinity	psu
Constant parameters		**Values**
E_0	Entrainment coefficient	3.6×10^{-2}
C_d	Drag coefficient	2.5×10^{-3}
$C_d^{1/2}\Gamma_T$	Turbulent heat exchange coefficient	1.1×10^{-3}
λ_1	Freezing point-salinity coefficient	-5.73×10^{-2} °C
λ_2	Freezing point offset	8.32×10^{-2} °C
λ_3	Freezing point-depth coefficient	7.61×10^{-4} K m^{-1}
M_0	Melt-rate parameter	10 m yr^{-1} °C^{-2}
$C_d^{1/2}\Gamma_{TS_0}$	Heat exchange parameter	6.0×10^{-4}
γ_1	Heat exchange parameter	0.545
γ_2	Heat exchange parameter	3.5×10^{-5} m^{-1}