

Name of experiment	Model	Grid resolution (m)
Experiment 1	BAS-APISM	900
Experiment 1	PSU3D	4000, 2000, 1000
Experiment 1 with default sliding	BISICLES	4000, 2000, 1000, 500
Experiment 1 with linear Weertman	BISICLES	1000
Experiment 1 with cubic Weertman	BISICLES	1000
Experiment 1 with Coulomb sliding	BISICLES	1000
Experiment 1 with bedrock from Huss and Farinotti (2014)	BISICLES	1000
Experiment 2 with zero melt	BISICLES	1000
Experiment 2 with zero melt	PSU3D	1000
Experiment 2 – moderate ocean melt	PSU3D	1000
Experiment 2 – extreme ocean melt	PSU3D	1000