This document contains a list of planned simulations for the 2022.2 resource allocation period (October 1st 2022 — March 31st 2023).

Experiment (one sentence description)	Principal Investigator	Model configuration	Total number of model years	Estimated CPU hours (Million CPU hours)	Project(s)
Seasonal hindcasts.	Tarkan Bilge	NorCPM1-CMIP6	5040	1.5	ROADMAP
Pacemaker experiments with restoring SST separately in three tropical basins.	Tarkan Bilge	NorCPM1-CMIP6	7560	1.9	ROADMAP
Hindcasts with restoring SST at 3 basin	Ping-Gin Chiu	NorCPM1-CMIP6	14040	6	ROADMAP
Parameter estimation	Tarkeshwar Singh	NorCPM1 Iterative smoother	8550	4.5	EU-TRIATLAS
Reanalysis since 1850	Yiguo	NorCPM1-CMIP6	6000	2.0	CoRea
Proxy assimilation of coral data	Anqi Lyu	NorCPM1-1	8550	2.6	SKD-PARCIM
External solar senitivity	Chuncheng Guo (cgu025)	NorESM_FAST	10000	1.6	SKD-PARCIM
NorESM multi-member reanalysis of historical sea level variability with nudged wind anomalies.	Ingo Bethke	NorESM2-MM	363	1.2	BjerknesSeaPR, BCPU
High resolution prediction model development.	Ingo Bethke	NorESM1.3-HR	50	3	Nansen Legacy, BCPU
Snow initialisation	Akhilesh Nair	NorESM1-ME (daily assim)	1200	4	SFI-Climate Futures
Assimilation with	Lilian	NorESM1-	2400	1.5	BCPU, Climate

atmospheric nudging	Garcia	ME			Futures
Hybrid EnKF-OI with vertical localisation	Sebastien Barthelemy	NorESM1-ME	4800	3.2	BCPU
Large Ensemble Single Forcing MIP (LESFMIP).	Ingo Bethke	NorCPM1-1	8550	2.6	BCPU
Solar sensitivity experiments to assess the impact of different TSI reconstructions under a fixed preindustrial background climate.	Ingo Bethke	NorCPM1-1	6930	2.1	BCPU
Solar sensitivity experiments to assess the impact of different TSI reconstructions under a transient background climate.	Tarkan Bilge	NorCPM1-1	9840	2.3	BCPU
TOTAL				40	