



	Models/Tools	HPC Facilities	Studies
Climate modelling (global)	ECHAM-HAM (to 2013) CAM Community Atmospheric Model	CSCS (until 2005); CINECA (until 2014); ECMWF; Future HPC	Short-lived climate forcers (Sulphate & BC); Biosphere atmosphere interactions
Climate modelling (regional)	CLM Cosmo local model	ECMWF; Future HPC	IPCC/CORDEX; JRC Peseta Studies
Carbon cycle Modelling	CLM Community Land model	CINECA (until 2014); ECMWF; Future HPC	Carbon sources-sinks in future climates; CAPRESE
Marine/Coastal modelling	GETM, FABM, ERGOM	In-house clusters; ECMWF; Future HPC	Hydrodynamic & Biogeochemical simulations of Baltic & Mediterranean
Impact modelling	Lisflood/Lisqual, EDO, TM5-FASST, EFDAC, CGMS, BioMA	In-house clusters	PESETA (Prudence) PESETA-II (Ensembles) PESETA-III (CORDEX) AVEMAC