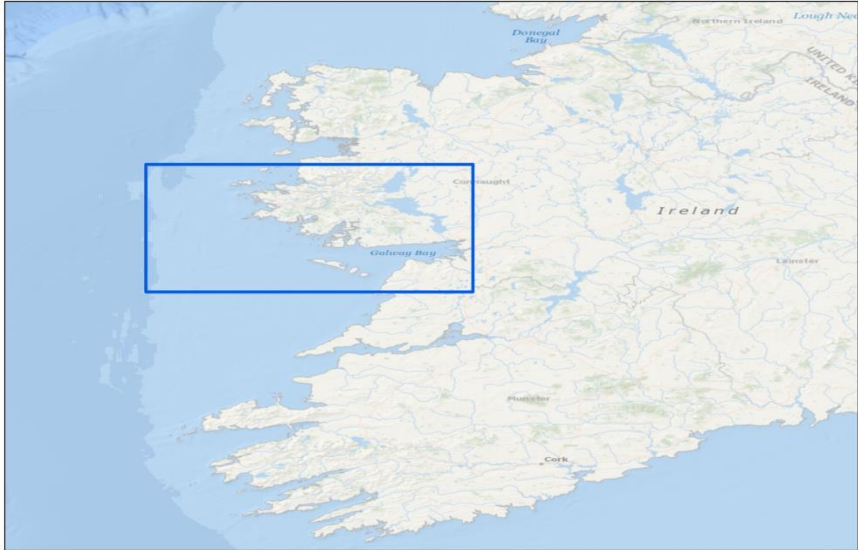


Name	Connemara
Domain	<p>Longitude: -10.8 to -8.9 Latitude: 52.95 to 53.73</p> 
Description	The Connemara model is an implementation of ROMS for a domain covering the greater Galway Bay area.
Type	Hindcast and Forecast Physics
Code	ROMS 3.7
Grid size	640x440x20
Resolution	~200 metres
Initialisation	The model is initialised from a Hindcast file from a new annual NE_Atlantic model run.
Atmospheric Forcing	1-Hourly ECMWF operational forcing
Open Boundary Conditions	NE_Atlantic operational hindcasts and forecasts output high frequency data (every 10 minutes) for model boundaries
Tidal Forcing	NE_Atlantic operational hindcasts and forecasts
Runoff	Operational measured river flow
Boundary Nudging/relaxation	No
Surface Nudging/relaxation	No
Data assimilation	No
HC/FC Initialisation	The model is hot-started from the appropriate weekly hindcast or daily forecast restart file
Simulation length	7-day hindcast; 3-day forecast
Model Run Frequency	Hindcast = weekly; Forecast = daily
Computing Resources	Simulations are run on HPC operated by the Irish Centre for High-End Computing (ICHEC)
Model Output	1-hourly netcdf file, 10-minute station files.
Storage/Backup	Data stored on MI network storage with regular back-ups