

Outlines for the training week

1. Introduction – Presentation of the Model & coupler components
 - Installation of the coupling environment
2. Run an inter-annual **CROCO** simulation (**RUN1**)
3. Coupling **CROCO** with an atmospheric **TOY** model – spatial regridding (**RUN2**)
4. Run a WRF inter-annual simulation (**RUN3**)
5. Coupling **WRF** with an ocean **TOY** model – time transformation (**RUN4**)
6. Coupling **CROCO** with **WRF** : parallel coupling (**RUN5**)

Run a forced interannual WRF simulation

WRF inputs :

`wrfinput_dXX.nc`
`wrflowinput_dXX.nc`
`wrflbdy_d01.nc`



WRF outputs :

`wrfout_dXX_XXXXXXXX.nc`
`wrfrst_dXX_XXXXXXXX.nc`

Surface and BC:

Surface SST:

ERA5

ERA5

reads `namelist.input`
`wrfinput_d01`

writes `wrfrst_d01_XXX`

COMPUTE Y2008M12D30



WRF
INITIALISATION

WRF *spin-up*



WRF
FINALISATION

STEP 5: Exiting

- Exit Matlab:

```
exit
```



- Give back the compute node:

```
exit
```



- Logoff the Lengau cluster:

```
exit
```

