

NEMO-MED8: development of a Mediterranean version of NEMO v2 at 1/8° for climate-scale studies / ocean alone configuration (case study, hindcast, scenario) / Atmosphere-Ocean Regional Climate Model (AORCM) with ALADIN and ARPEGE / Towards a Mediterra

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ocean alone configuration (case study, hindcast, scenario) /

Atmosphere-Ocean Regional Climate Model (AORCM) with ALADIN and ARPEGE /

Towards a Mediterranean Regional Earth System Models: ocean-atmosphere-hydrology-river coupling /

Use as an interactive refinement of a global AOGCM (CICLE and CIRCE project) /

Use to force coastal models (SYMPHONIE Gulf of Lions, POM Aegean Sea)

Meteo-France / CNRM

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not planned

NEMO-MED8 and NEMO-ORCA2

<http://www.cnrn.meteo.fr/gmgec/>

For the OPAMED8 grid and climate change scenario, see Somot et al. 2006, Clim. Dyn.

For the use of AORCM, see Somot et al. 2008, Glo. Plan. Chge.

For hindcast run, see Somot and Colin, 2008, WGNE blue book and Tsimplis et al. 2008, Glo. Plan. Chge

For deep-convection case study, see Herrmann et al., 2008, JGR-Oceans

For the new hindcast with NEMO-MED8, see Beuvier et al. 2008 (CNRM internal note)

PROJECTS with NEMO-MED8:

french: ANR-MEDUP (en cours), ANR-CICLE (en cours), PPR-MERCATOR (soumis)

european: FP6-CIRCE (en cours)

international: HyMeX (à venir)