

COASTAL CIRCULATION OF THE GULF OF LION: THE INFLUENCE OF MESOSCALE PROCESSES ON INTERREGIONAL EXCHANGES.

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Abstract

The coastal circulation of the Gulf of Lion has been studied over a ten year period with *in situ*, remote sensing and numerical data. Intrusions, eddies, transient structures and frontal jets can strongly influence water fluxes in and out of the gulf. Transport fluxes as well as horizontal and vertical diffusivities are being assessed with data from various *in situ* platforms. All these results bring new understanding on the influence of mesoscale processes on cross-shelf and interregional exchanges.

Keywords: *Circulation experiments, Circulation models, Coastal processes, Gulf of Lion, Mesoscale phenomena*

The circulation of the Gulf of Lion (GoL), northwestern Mediterranean Sea, is complex and highly variable [1]. It is strongly influenced by the Northern Current, generally considered to constitute a dynamical barrier along the shelf. Exchanges between the GoL and offshore waters are thought to be induced by processes associated with the Northern Current [2,3]. This paper focuses on mesoscale processes at the eastern and western sides of the GoL.

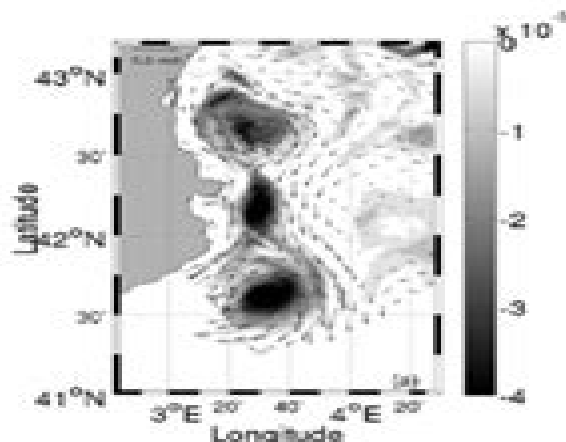
The coastal circulation of the GoL has been studied over a ten year period with *in situ*, remote sensing and numerical data. The present study includes *in situ* data acquired during SARHYGOL (2000-2001), GOLTS (2002-2005) and LATEX (2007-2011). A realistic 3D numerical model Symphonie is run from 2001 to 2010 at high resolution (1 km) [4].

On the eastern side of the gulf, during specific conditions, a vein of the Northern Current (up to 1/3 of its measured flux) can intrude on the shelf. On the western side, wind conditions can affect whether the current enters or exits the gulf [5]. During stratified summer conditions, elliptical, shallow, anticyclonic eddies are observed north of Cape Creus [6,7], following northwestern wind events [8]. Two different generation processes can create them [9,7]. Generally eddies are associated with water retention; but transient structures can also detach from them and rapidly exit the gulf [7].

an influence on interregional exchanges that can have strong impacts on biogeochemical and biological systems.

References

- 1 - Millot, C. (1990). The Gulf of Lions' hydrodynamics. *Cont. Shelf Res.*, 10: 885–894, doi:10.1016/0278-4343(90)90065-T.
- 2 - Flexas, M. M., X. Durrieu de Madron, M. A. Garcia, M. Canals, and P. Arnau (2002). Flow variability in the Gulf of Lions during the MATER HFF experiment (March-May 1997). *J. Mar. Sys.*, 33-34, 197–214, doi:DOI: 10.1016/S0924-7963(02)00059-3.
- 3 - Petrenko, A. A., Y. Leredde, and P. Marsaleix (2005). Circulation in a stratified and wind-forced Gulf of Lions, NW Mediterranean Sea: in situ and modeling data. *Cont. Shelf Res.*, 25, 7–27, doi:10.1016/j.csr.2004.09.004.
- 4 - Hu, Z. Y., A. A. Doglioli, A. M. Petrenko, P. Marsaleix, and I. Dekeyser (2009). Numerical simulations of eddies in the Gulf of Lion. *Ocean Model.*, 28 (4), 203 – 208, doi:10.1016/j.ocemod.2009.02.004.
- 5 - Petrenko A., C. Dufau and C. Estournel (2008). Barotropic eastward currents in the western Gulf of Lion, north-western Mediterranean Sea, during stratified conditions. *J. Marine Syst.*, doi:10.1016/j.jmarsys.2008.03.004.
- 6 - Hu, Z. Y., A. A. Petrenko, A. M. Doglioli, and I. Dekeyser (2011a). Study of mesoscale anticyclonic eddy in the western part of the Gulf of Lion. *J. Mar. Sys.*, 88, 3–11, doi:10.1016/j.jmarsys.2011.02.008.
- 7 - Kersalé, M., Petrenko, A.A., Doglioli, A.M., Dekeyser, I., Nencioli, F. (2013). Physical characteristics and dynamics of the coastal Lates09 Eddy derived from *in situ* data and numerical modeling. *J. Geophys. Res.*, Vol.118, pp.1-11, doi:10.1029/2012JC008229.
- 8 - Millot, C. (1982). Analysis of upwelling in the Gulf of Lions - Hydrodynamics of semi-enclosed seas: Proceedings of the 13th International Liege Colloquium on Ocean Hydrodynamics., vol. 34, 143-153 pp., Elsevier Oceanogr. Ser., Amsterdam, The Netherlands.
- 9 - Hu, Z. Y., A. A. Petrenko, A. M. Doglioli, and I. Dekeyser (2011b). Numerical study of eddy generation in the western part of the Gulf of Lion. *J. Geophys. Res.*, 116, C12030, doi:10.1029/2011JC007074.
- 10 - Nencioli, F., F. d'Ovidio, A. M. Doglioli, and A. A. Petrenko (2011). Surface coastal circulation patterns by *in-situ* detection of Lagrangian coherent structures. *Geophys. Res. Lett.*, 38 (L17604), doi:10.1029/2011GL048815.



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