

Combining altimetry, numerical modeling and in-situ data for the observation and the understanding of fine scale coastal processes

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X-Track (CTOH/LEGOS) (Roblou et al., 2011)





Standard deviation of the SLA: dynamic signal or residual errors?

Strategy for detiding altimetric data?

Largest differences between SYMPHONIE and altimetry near the coast Good comparison between coastal tidal gauges and SYMPHONIE

- areas)





other studies on slope currents and shelf circulation.

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geostrophic parts of the coastal circulation.

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Xu, W., Miller, P.I., Quartly, G.D., Pingree, R.D., 2015, Seasonality and internnual variability of the European Slope Current from 20 years of altimeter data compared with in situ measurements, Remote Sens. Environ., 162, 196-207