Potential AirSWOT & CalVal French oceanography sites
Réseaux d'observation opérationnels fin 2009

- Stations fixes (hydrologie, biogéochimie)
- Houlographes (CETMEF)
- Bouées Météorologiques
- Marégraphes (réseau RONM)
- RECOPESCA
- Ferry Box
- Campagnes océanographiques récurrentes
- Mesures de courants par RADAR HF
French Coastal Observation Network: planned for post 2012
EPIGRAM

Etudes Physiques Intégrées en Gascogne et Région Atlantique-Manche

Bay of Biscay coastal processes
Observational program finishes end 2012 – possible extension of in-situ observations

5 major work tasks, grouping 30 different studies
1. Effects of tides
2. Internal Tides
3. Seasonal large-scale processes & coastal-offshore exchange
4. Influence of atmospheric forcing and river runoff on the coastal dynamics
5. Influence of waves on the coastal circulation

Studies are based on
- In-situ campaigns, by IFREMER, CNRS/INSU & SHOM, in the Bay of Biscay and the Channel
- Realistic numerical simulations & process studies
Data inventory

Previmer Model results
10 forecasting models characterized by
- parameters (temperature, salinity, currents, sea-level, waves, ...)
- geographical area

For more details: http://www.previmer.org/en
In addition:

Assimilation projects (nested models & in-situ obs) planned post 2012

AirSWOT: Possible joint interest with SMOS cal-val (late spring or summer cruises to detect freshwater signal).

+ Spanish contribution:
  - 3 slope moorings (on the Basque and Spanish side)
  - IEO Santander group runs monthly cruises along 3°47'W