

Antipollution barrier software & experiments

EIGSI's research expertise and current projects

Oil Spill Containment

- Decision-making software
- Integration in contingency plans
- Numerical tools for local operators



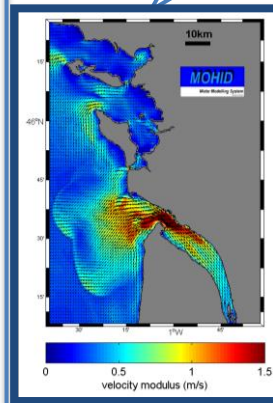
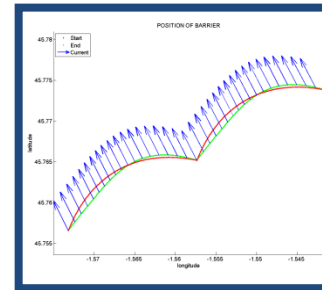
Full-scale Experiments

- La Rochelle harbour (2008)
- Lorient oil terminal (2008)
- Elorn estuary near Brest (2009)

ANR BAR3D 2007-2010

Main deliverable:

A Finite-element model of anti pollution barriers (~100m grid)



Current work:
Coupling barrier model with Met ocean data & modelling to provide solutions to local authorities

MOHID Water (~400km grid)

Projects Built from BAR3D



- Improving of Shorelines Defenses Against Marine Pollution
- DG-ECHO Humanitarian Aid and Civil Protection 2013 – 2014
- Project Leader: EIGSI, La Rochelle

ARCOPOL

- Platform for improving maritime coastal pollution preparedness & Response
- Atlantic Regions 2014 – 2015
- Project Leader: CETMAR, Vigo