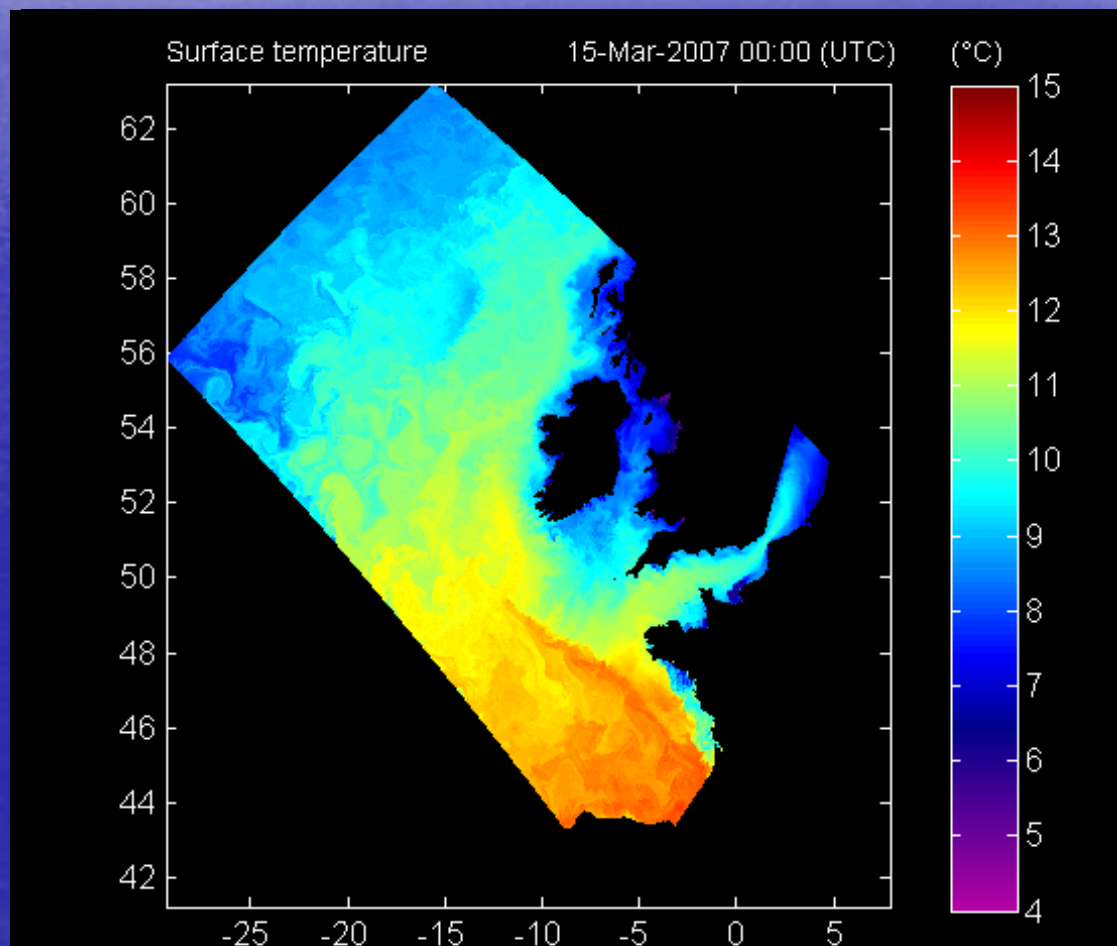




**Every day an ocean forecast is run on our in-house supercomputer.**

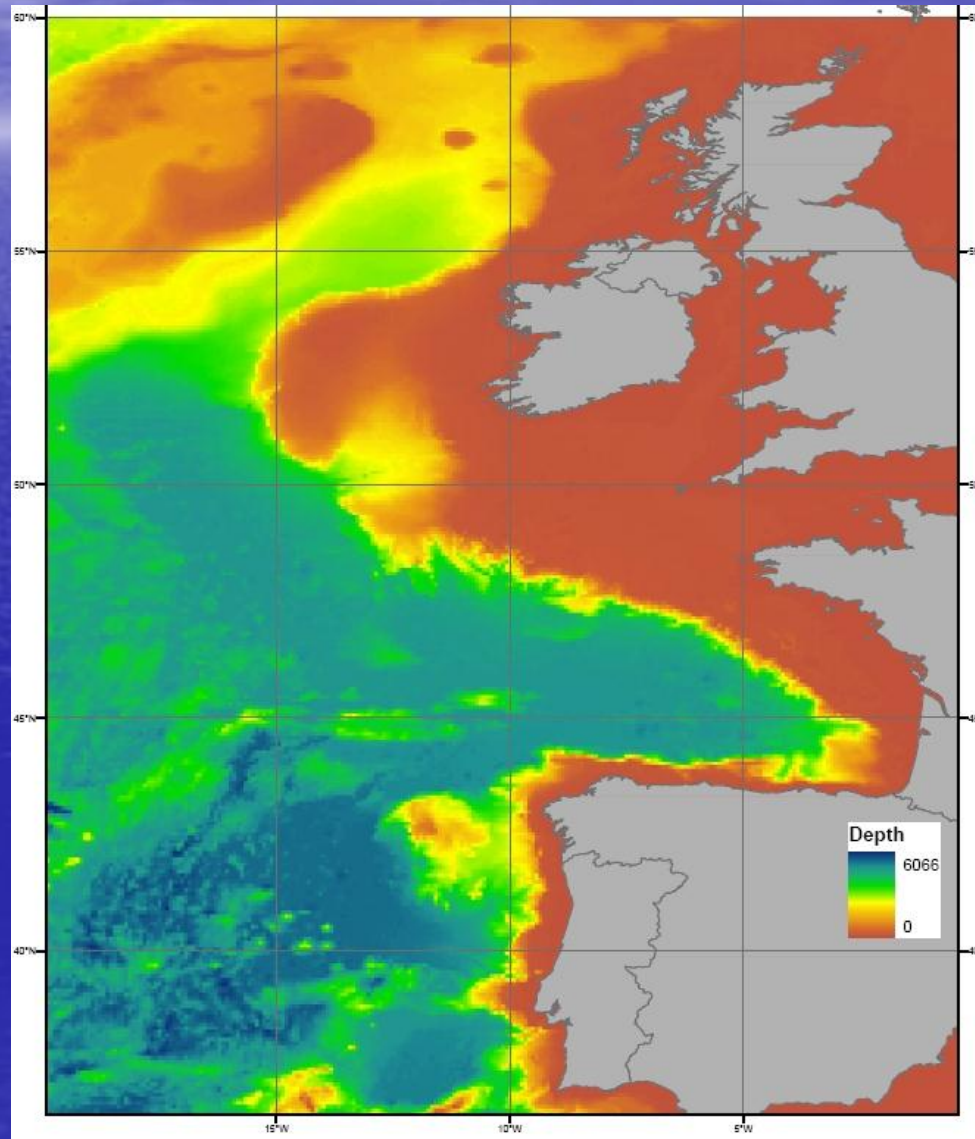
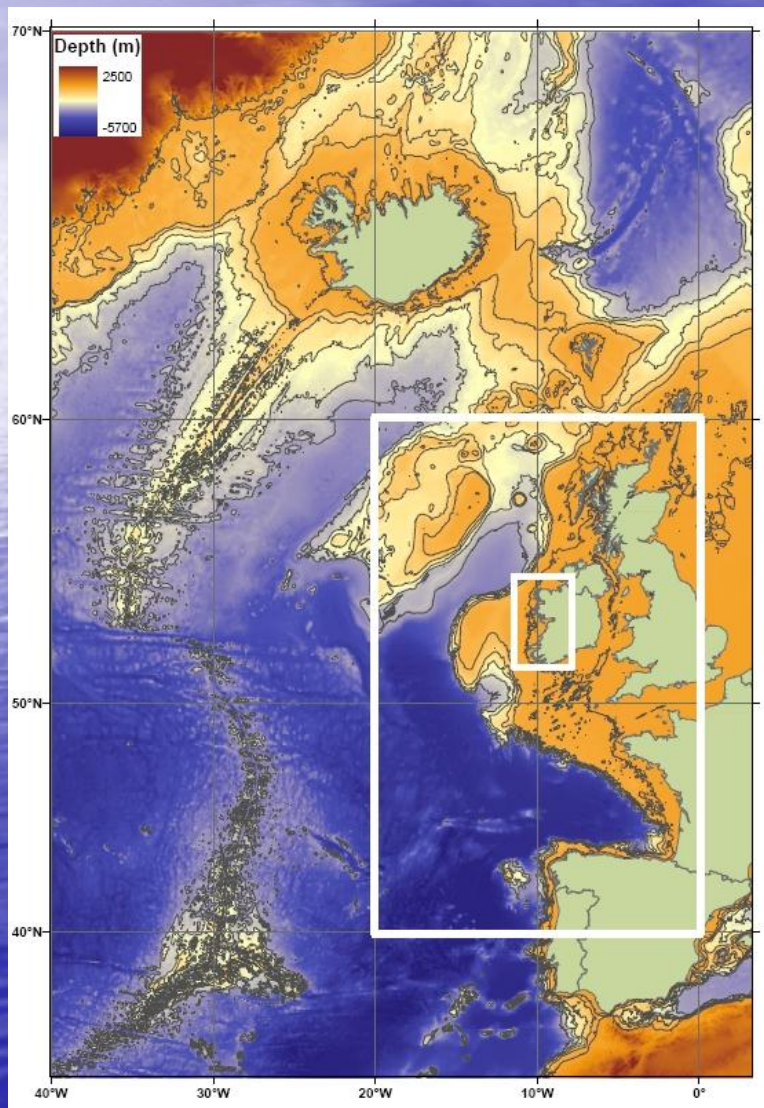
**The forecast results are displayed on the Marine Institute web site, from where model data can be downloaded for use by private companies, researchers or state agencies worldwide.**

**[www.marine.ie/home/operational/oceanography/oceanforecast](http://www.marine.ie/home/operational/oceanography/oceanforecast)**

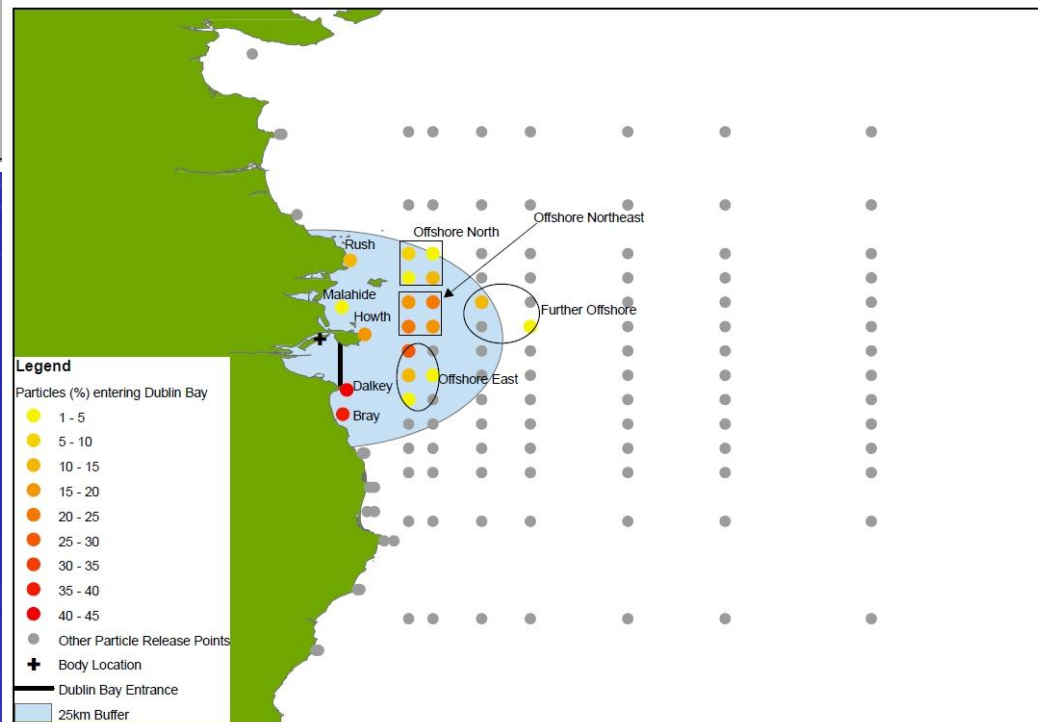
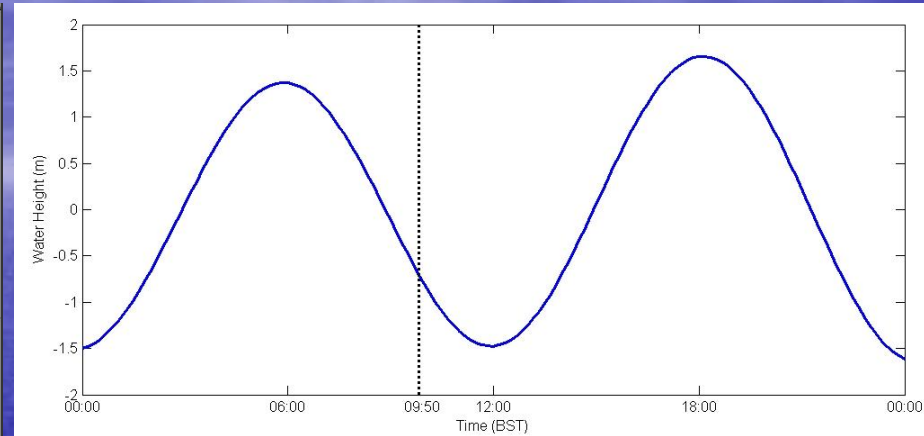
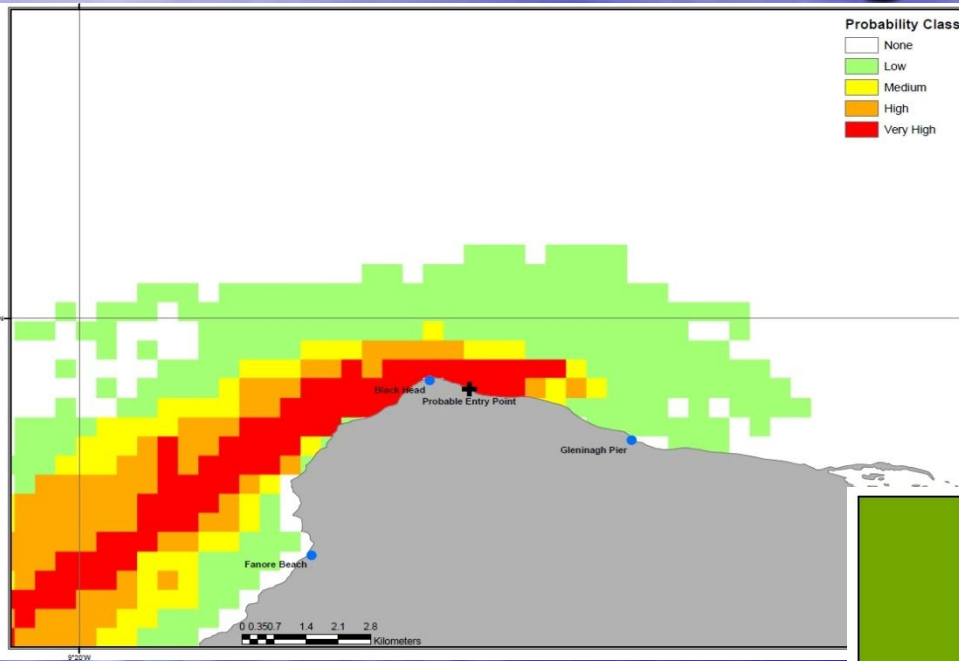




# New (MI) 3km wave domain



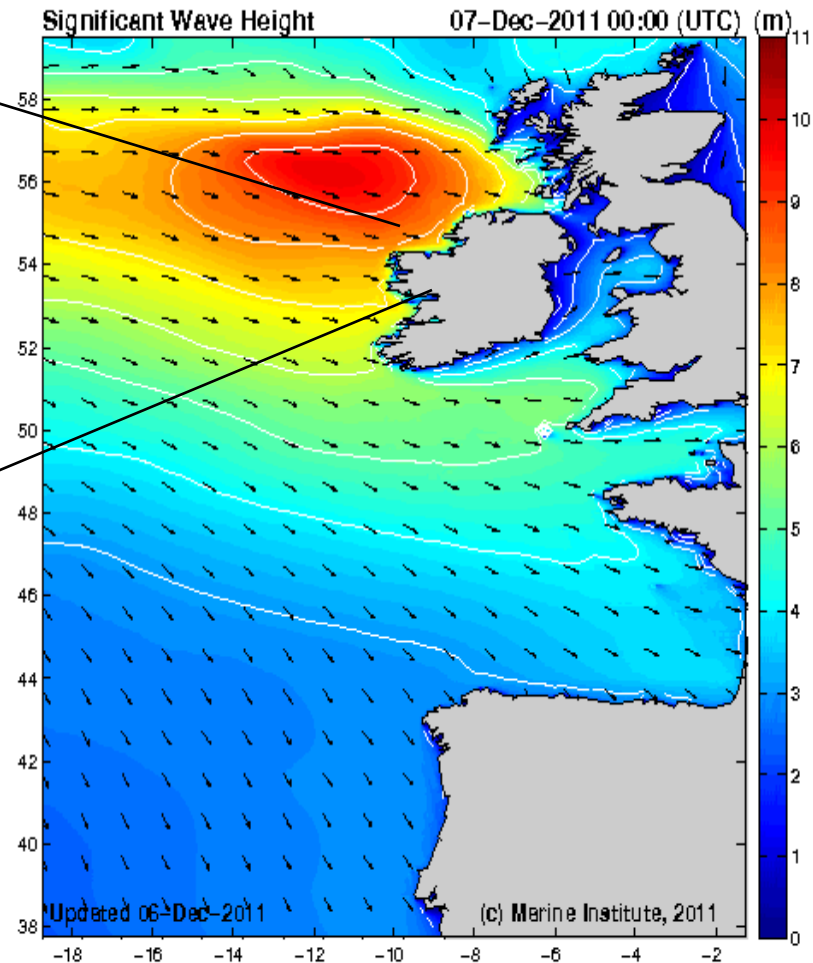
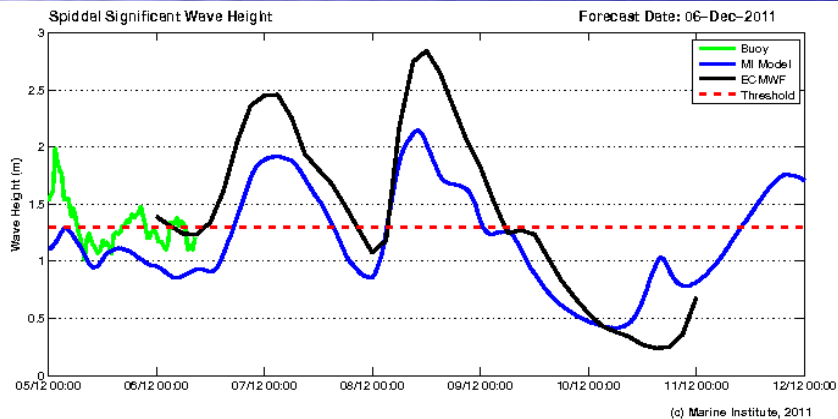
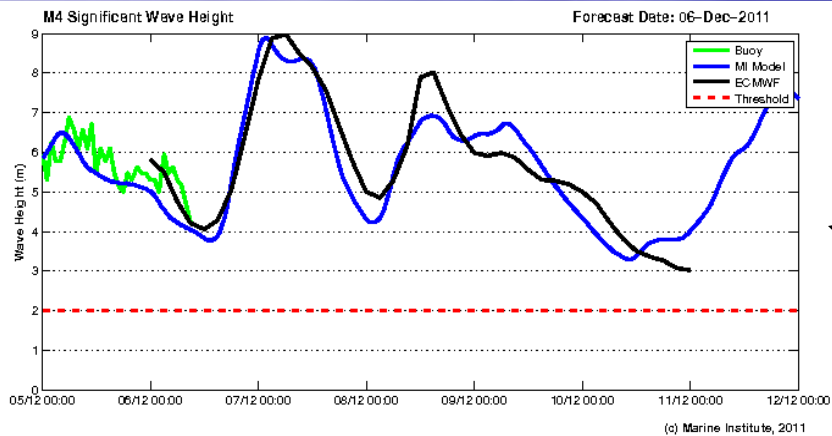
# Criminal investigations

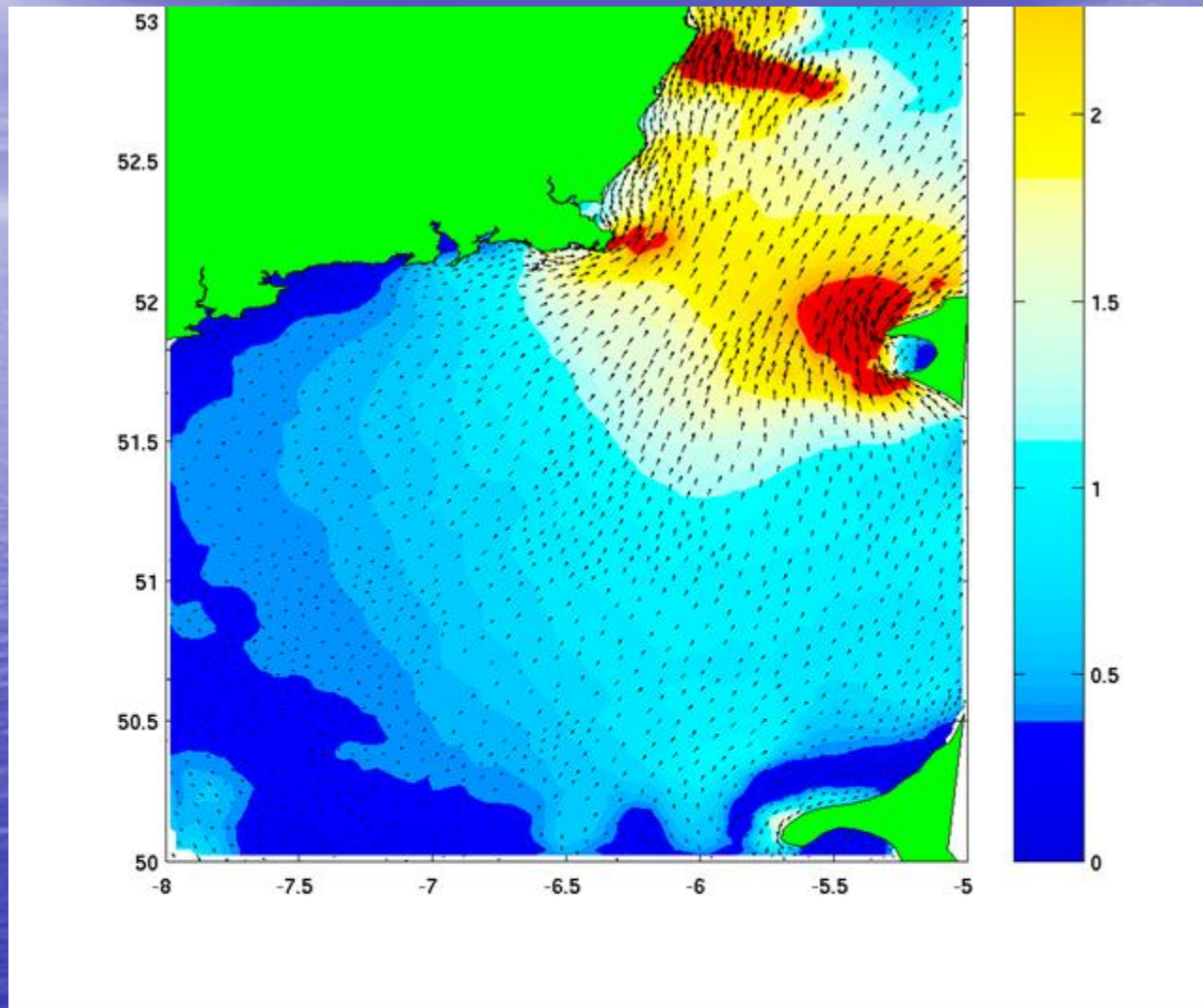


2/20/2012



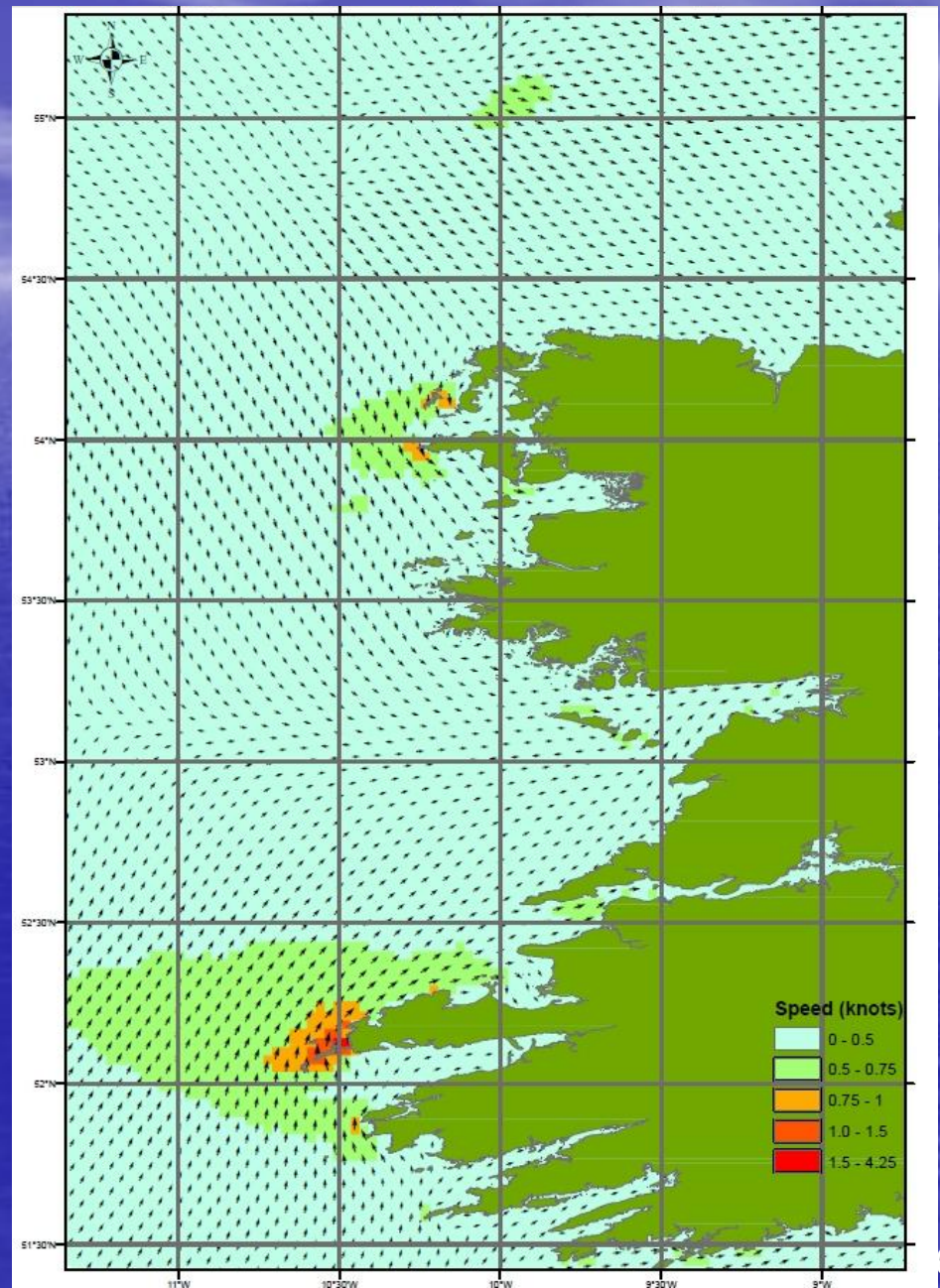
# Planning tools: Wave forecast

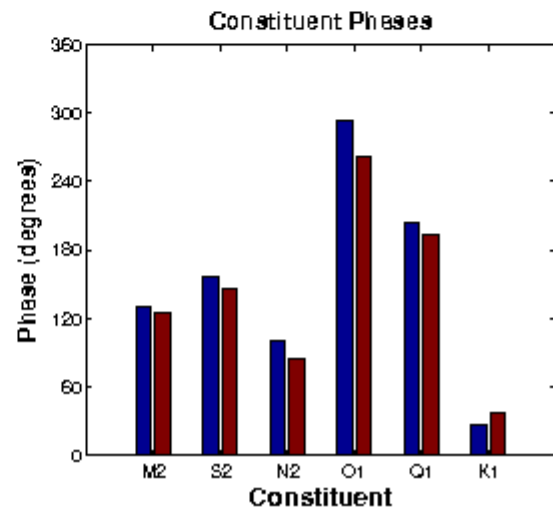
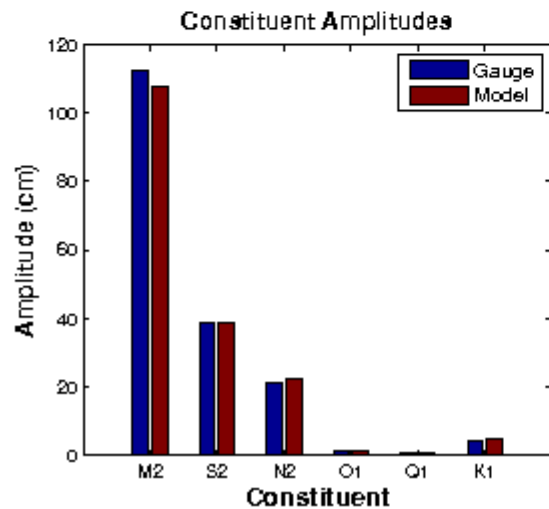
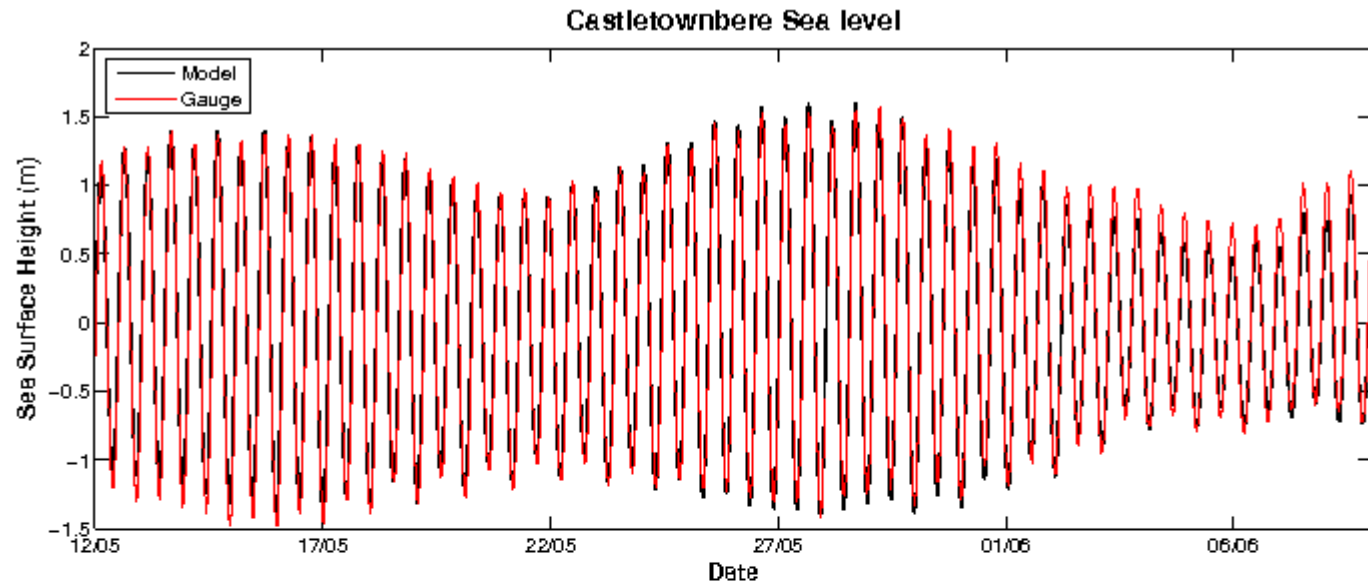






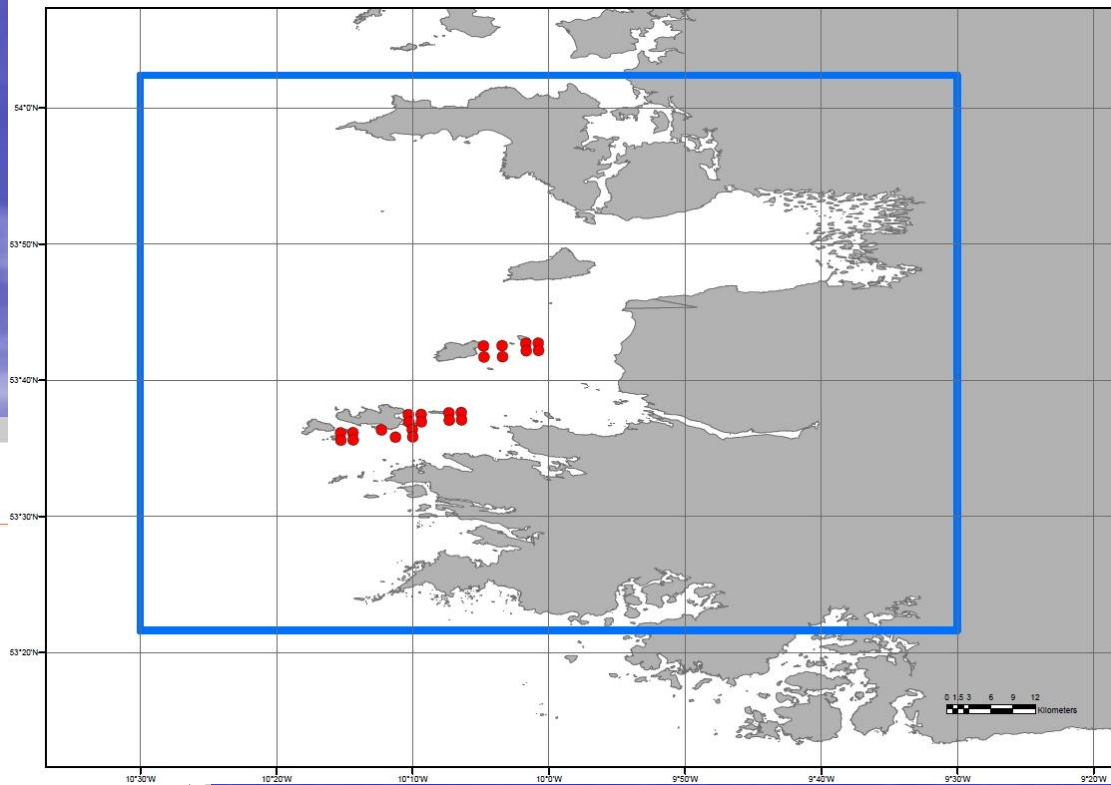
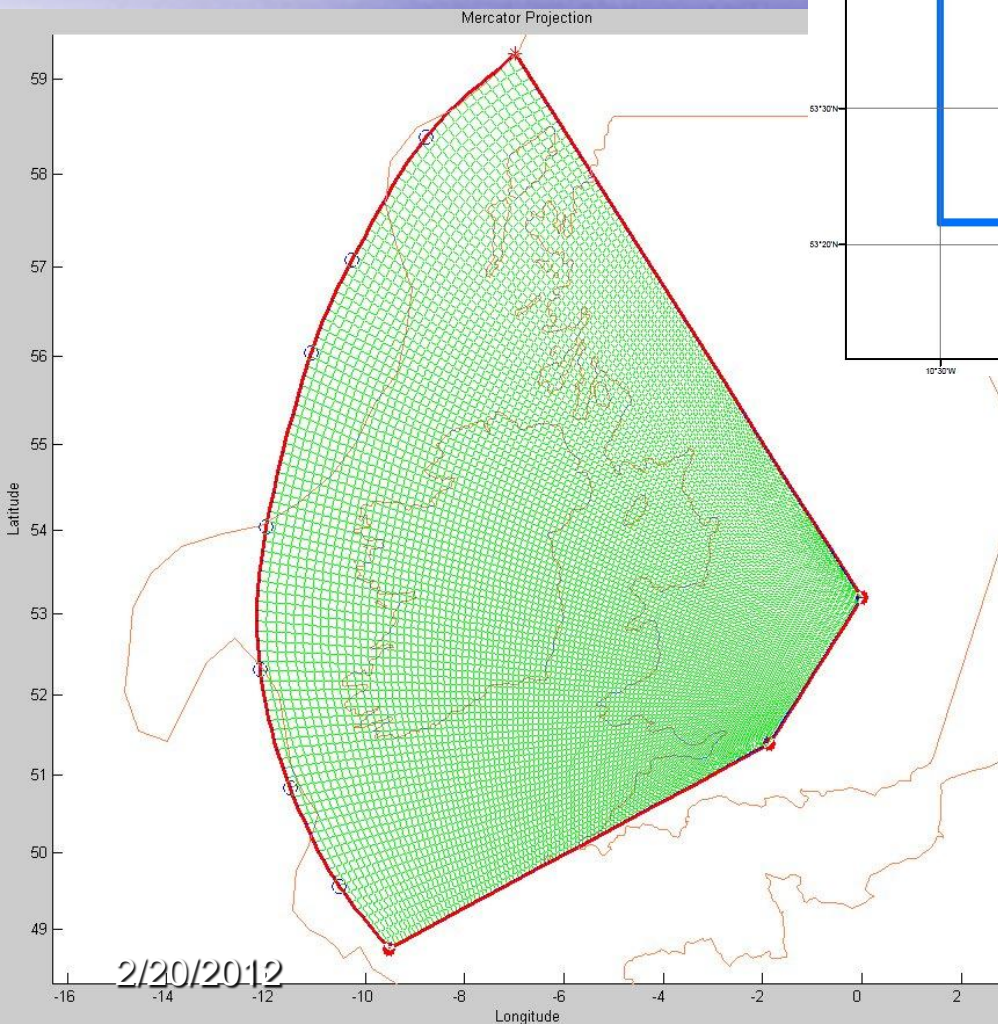
# Tidal atlas (currents)







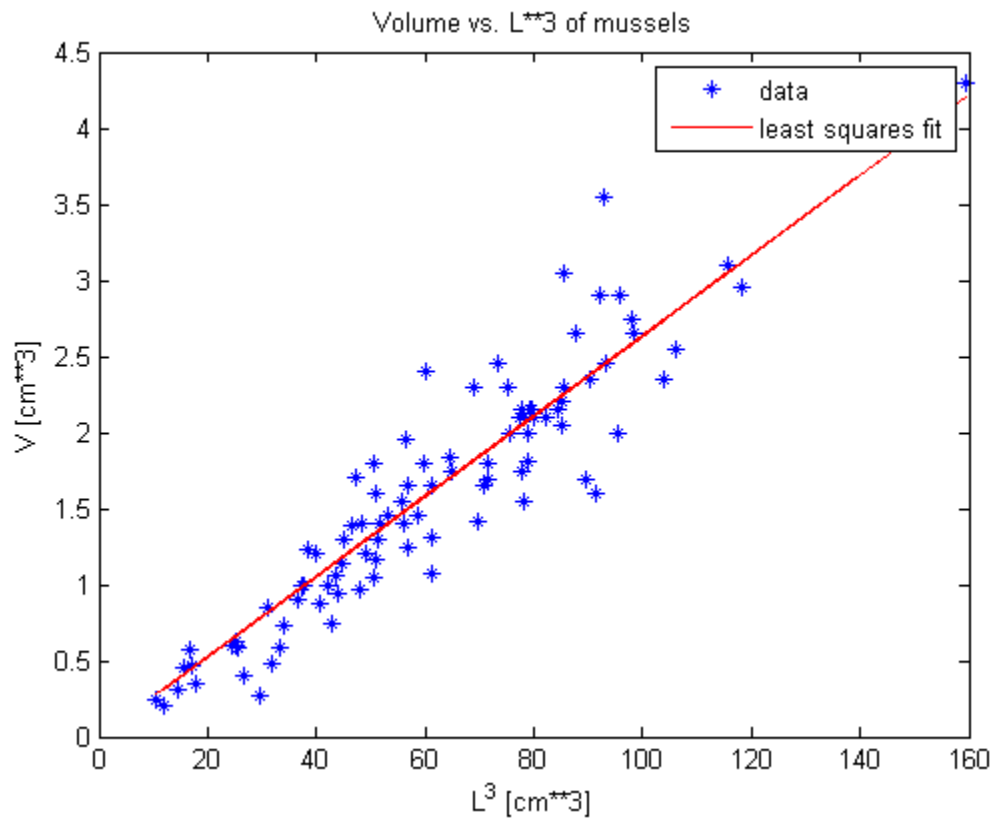
# New domains



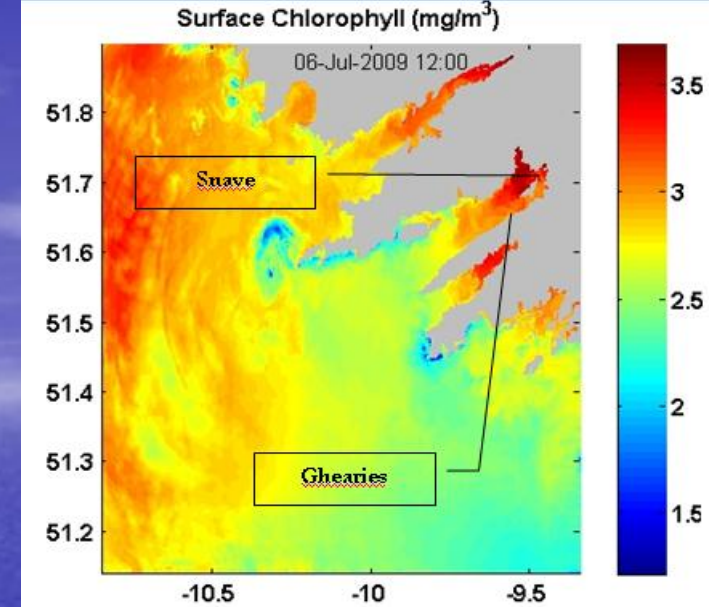


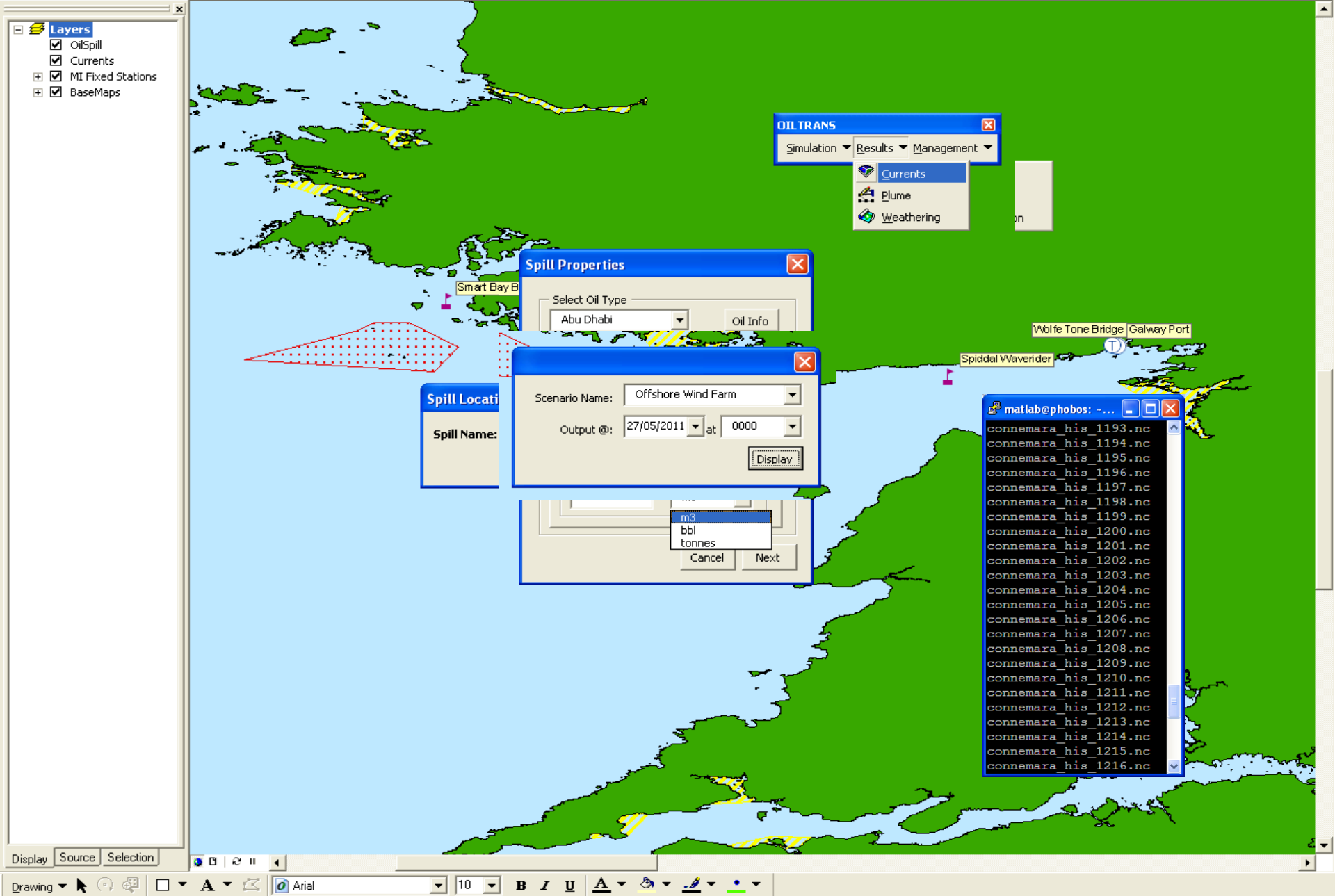
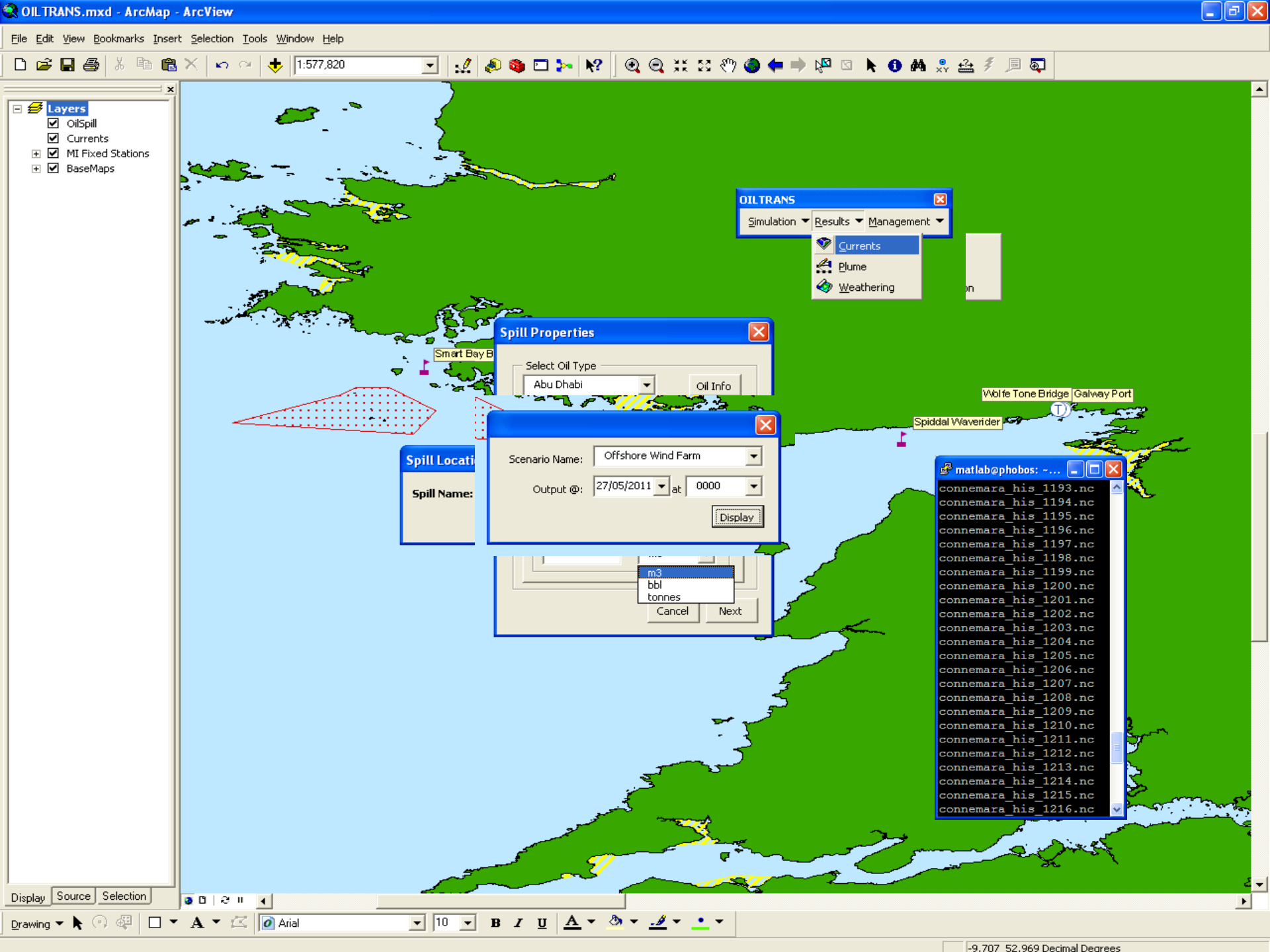
# Bantry sampling campaign

- Monitoring of mussel growth
- Water quality parameters

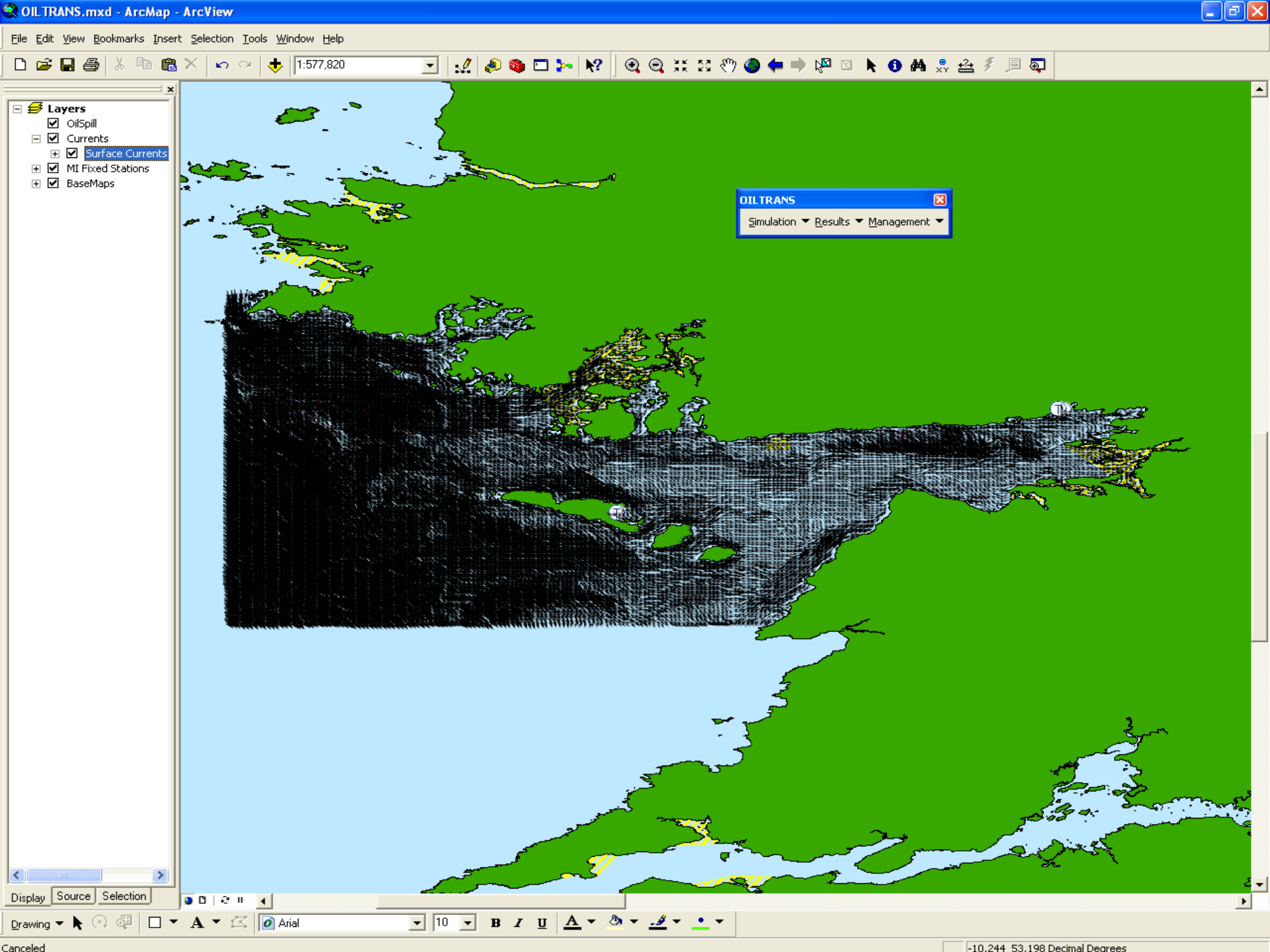


Snave mussel volume (surface)





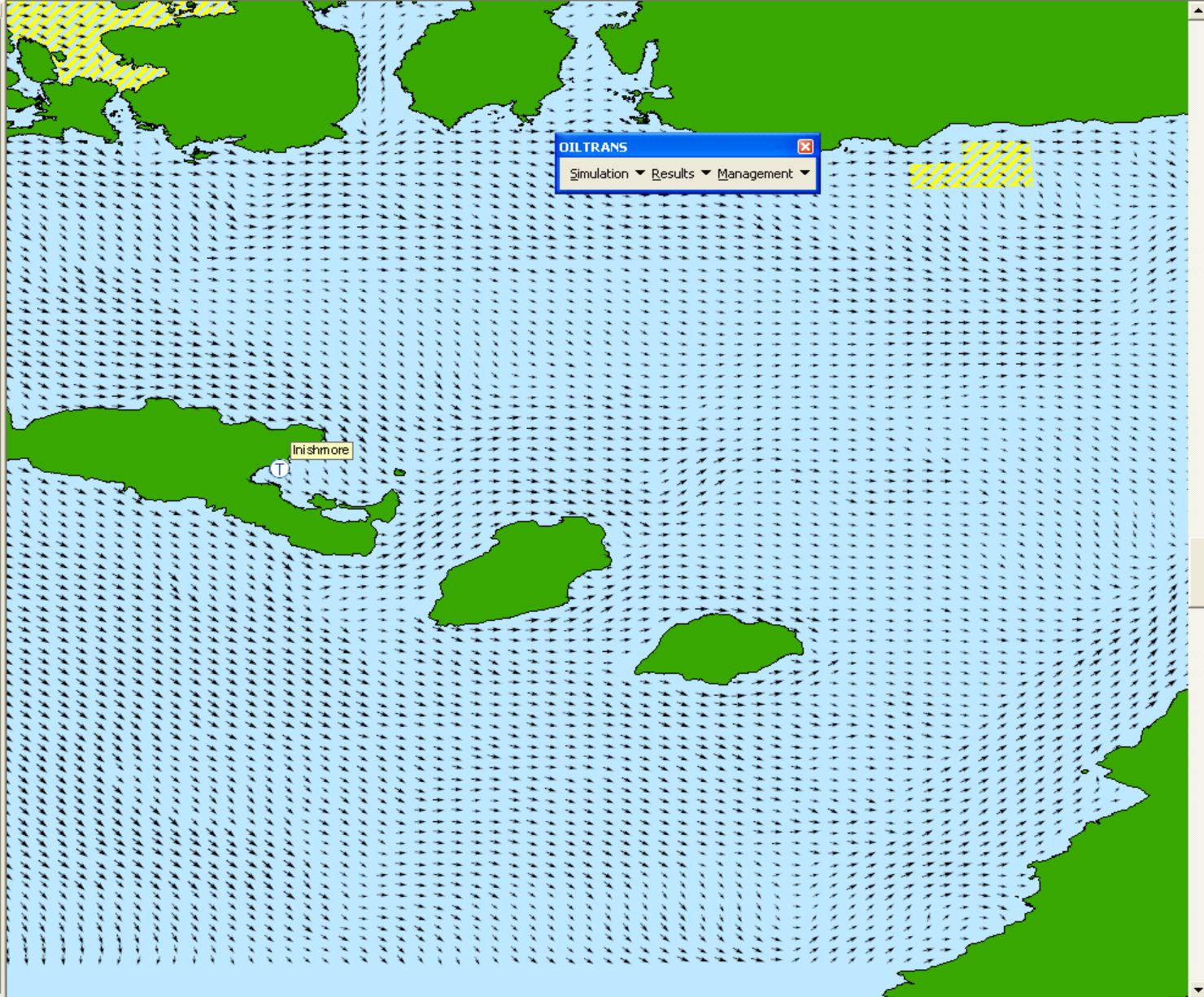




**Layers**

- ☒ OilSpill
- ☒ Currents
  - ☒ Surface Currents: 23/05/2011 @ 0300
    - speed
      - 0.00m/s - 0.10m/s
      - 0.11m/s - 0.20m/s
      - 0.21m/s - 0.30m/s
      - 0.31m/s - 0.40m/s
      - 0.41m/s - 0.50m/s
      - 0.51m/s - 0.60m/s
      - 0.61m/s - 0.70m/s
      - 0.71m/s - 0.80m/s
      - 0.81m/s - 0.90m/s
- ☒ MI Fixed Stations
- ☒ BaseMaps

Display Source Selection





**Layers**

- ☒ OilSpill
  - ☒ BlackHead
- ☒ Currents
  - ☐ Surface Currents: 23/05/2011 @ 0300
- ☒ MI Fixed Stations
- ☒ BaseMaps

Display Source Selection







