



Modelling Oil Spills

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Modeling - Oil Spills



Effective oil response requires the best information about the oil and its drifts.

At sea operations can be optimized, and authorities can prepare for onshore response.



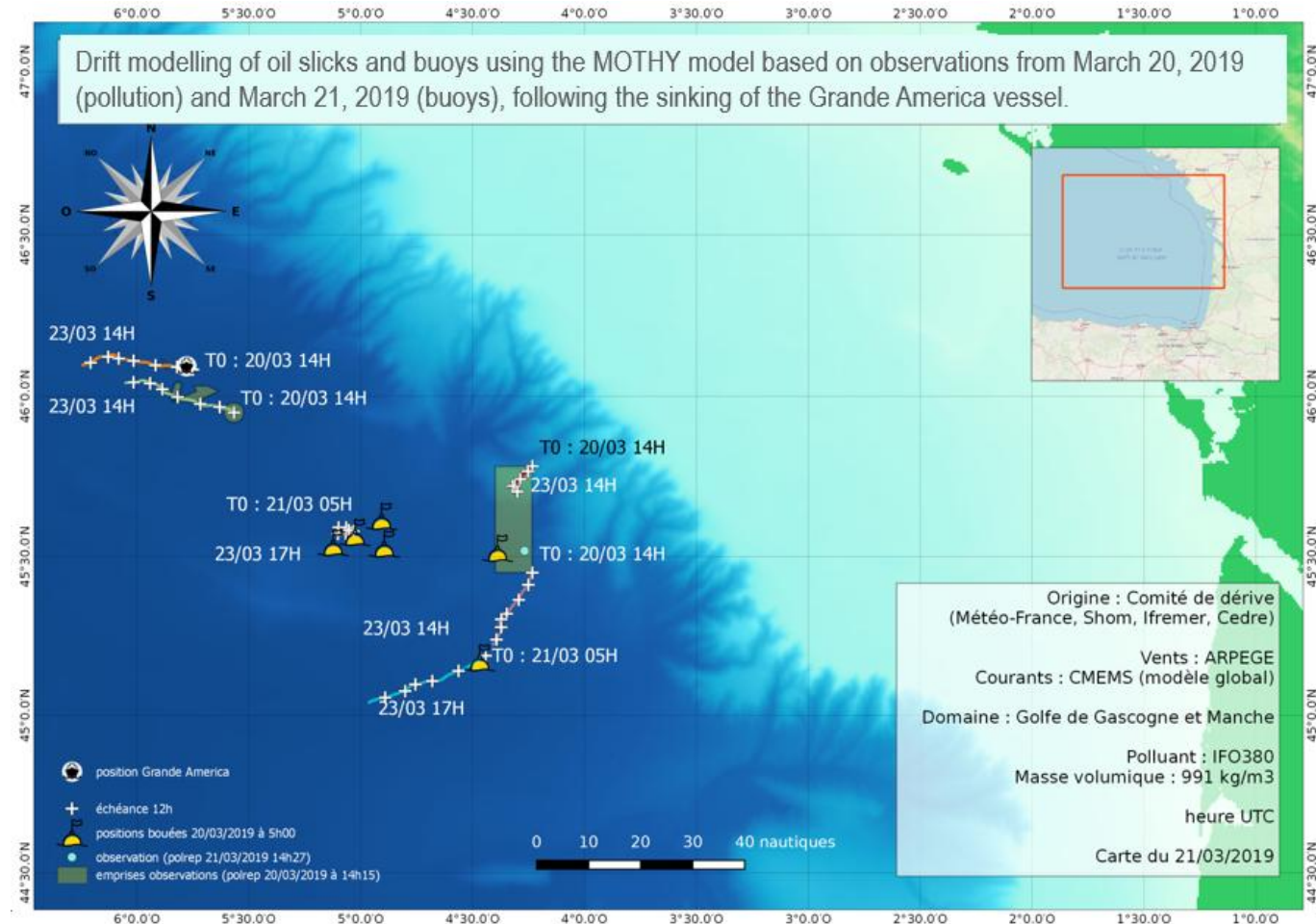
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Oil Spill Response, Drift Committee :

- ✓ Centralisation of drift model result, analyse the crises situation and data ;
- ✓ Make operational recommendations ;
- ✓ Production of a synthetic map for broadcasting ;
- ✓ Liaison with neighbouring countries if relevant.





Training, large scale exercises are conducted annually in order to :

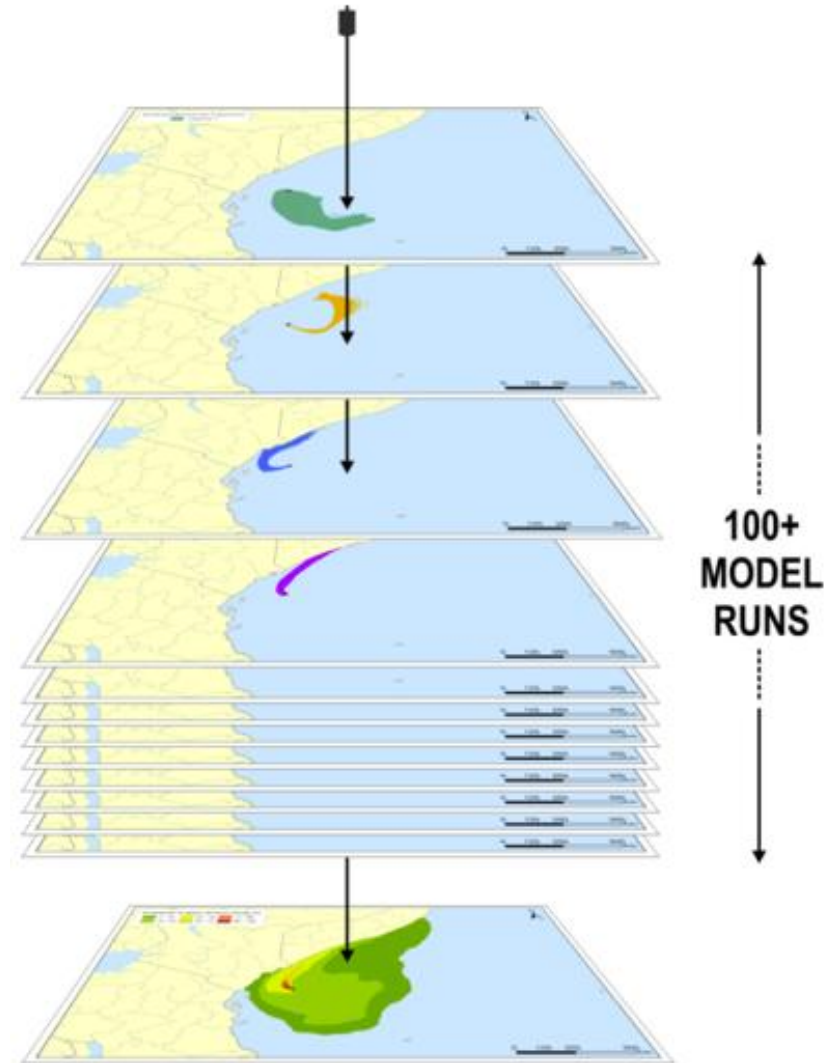
- ✓ Maintain preparedness ;
- ✓ Improve understanding of model performance and regional hydrodynamics ;
- ✓ Enhance coordination and understanding ;
- ✓ Use of buoys for tracking pollution ;
 - Special design
 - Can be ballasted
 - Equipped with transmitters





Contingency Planning and risk assessment

- ✓ Helps determine most likely spill paths on monthly, seasonal or annual basis ;
- ✓ Stochastic model (combination of 500 runs) ;
- ✓ Avoid being reactive.





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Staying ahead of the curve !

Thank you very much

