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Ocean Science Discussions

Interactive comment on "The Aegean Sea marine security decision support system" *by* L. Perivoliotis et al.

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This manuscript describes the recent development of the "Aegean Sea marine security decision support system", and its transition to a more flexible system to handle various forcing data that have become available through ECOOP and MyOcean projects. It does also describes work to make to model interoperable with the MeteoFrance oil spill modelling system. The study is clear and well written and will be useful for institutes who aim at a similar development for their own Decision Support System (DeSS), and I do suggest publication altough there are some points that may improve the impact of this study.

The question of using various forcing data and system interoperability is a significant part of this study. Some plots are produced using different scenarios, and a real inci-

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Interactive Discussion

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dent is used to discuss the oil drift model response to various models. 1. However, I do lack a discussion if these ensemble scenarios were helpful or not? Were they shown to the authorities etc? Were they used in the real incident? 2. It is stated that the oil drift model was modified to handle input from other system (ocean) models. Figure 9 shows the Poseidon model and three different setups of the MeteoFrance model. It would also be useful to include a figure showing different plots from the Poseidon model using various forcing data, and a discussion on its usefulness.

Interactive comment on Ocean Sci. Discuss., 8, 1025, 2011.