

***Interactive comment on* “Coastal sea responses to atmospheric forcings at two different resolutions” by Z. B. Klaić et al.**

Anonymous Referee #2

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The manuscript is based on the description and the analysis of two numerical simulation case study of the coastal circulation along the eastern Adriatic Sea coast. The case studies considered the two main winds blowing over the area: The Bora and the Sirocco. The numerical simulations were carried out using two different set of Atmospheric surface forcing functions, both of them originating from operational analyses, but having different horizontal resolution.

The manuscript describes the differences in coastal circulation arising by the use of the two forcing set. Obviously the use of the more resolved forcing seems to give better results, but the only sort of "validation" carried out is done against fields of AVHRR SST and it is done in a very vague way. I think that before recommending publication a revision of the manuscript is needed. The revision should aim to quantify better the

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improvement of the model skill arising from the use of a more resolved atmospheric forcing.

Interactive comment on Ocean Sci. Discuss., 8, 801, 2011.

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