

***Interactive comment on “X-band
COSMO-SkyMed[©] SAR data for sea wave
simulations and coastal vulnerability assessment”
by G. Benassai et al.***

Anonymous Referee #1

Received and published: 28 November 2012

A. General comments The paper concerns sea wave numerical simulations and coastal vulnerability assessment, using wind information retrieved from SAR data. From my point of view (SAR applications expert, not sea/ocean expert), the methodology seems clear and sound and the paper can be accepted, after consideration of the following (see part B and C). B. Specific comments Page 3285 1. Line 18: Nicholls and de la Vega-Leinert (2000) is mentioned, but the full reference does not exist in the reference list (page 3312) Page 3294 2. Line 20: Kriebel and Dean (2003) is mentioned, but in the reference list (page 3311) it is mentioned as Kriebel and Dean (1993). Please verify which is the right date, and correct accordingly

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C. Technical corrections General technical comments - Excessive use of the word “accomplished” (I have counted 27 instances). Please try reduce it, by using alternative words (e.g. “achieved”, “executed”, “done” etc.). - Overall, the text is easily understandable, but I would strongly recommend that it is checked by a native English speaker, since errors do exist. Please find below some comments (not exhaustive) for improving language/grammar/syntax:

Page 3283 3. Line 17: replace “These latters” with “The latter” 4. Line 18: replace “geomorphologic” with “geomorphologically” 5. Line 19: replace “generally external” with “generally to external” Page 3284 6. Line 22: replace “was developed at” with “which was developed at” 7. Line 24: delete “which” Page 3285 8. Line 18: Nicholls and de la Vega-Leinert (2000) is mentioned, but the full reference does not exist in the reference list (page 3312) Page 3286 9. Line 10: replace “on 2010” with “in 2010” Page 3289 10. Line 18: replace “no possible” with “not possible”

Page 3297 11. Line 19: replace “spatially” with “spatial”

Page 3304 12. Line 9: replace “months” with “mountains”

Page 3308 13. Line 1: replace “These latters” with “The latter”

Interactive comment on Ocean Sci. Discuss., 9, 3281, 2012.

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