

## ***Interactive comment on “Coupling scenarios of urban growth and flood hazard along the Emilia-Romagna coast (Italy)” by I. Sekovski et al.***

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Received and published: 7 May 2015

A nice paper, which combines modeling changes in both risk and hazard. The fact that this informs EU initiatives is a plus. I have reviewed the use of SLEUTH in the paper and find no discrepancies.

Two relevant reviews of SLEUTH might be of interest to the authors:

Chaudhuri, G. and Clarke, K. C. (2013) The SLEUTH Land Use Change Model: A Review. International Journal of Environmental Resources Research, 1, 1, 88-104. and Clarke, K.C. (2008) A Decade of Cellular Urban Modeling with SLEUTH: Unresolved Issues and Problems, Ch. 3 in Planning Support Systems for Cities and Regions (Ed. Brail, R. K.), Lincoln Institute of Land Policy, Cambridge, MA, pp 47-60.

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### Specific comments

Abstract line 15: identify -> identification of Page 2151 line 2: due to the-> due to Page 2151 line 6: remove comma Page 2151 line 25: with the -> with Page 2151 line 29: includes quite -> includes a quite Page 2151 line 30: historic -> historical Page 2152 line 18: damages -> damage Page 2153 line 21: tourism boom-> the tourism boom Page 2153 line 26: high degree-> The high degree Page 2156 line 13: Example -> Examples Page 2158 line 24: an Y-mean -> and Y-mean Page 2160 line 10: rationale -> rational Page 2162 line 9: acts -> act Page 2163 line 21: enabled -> enabled us Page 2163 line 25: have -> have the Page 2163 line 27: account for -> account Page 2163 line 28: Complete -> The complete Page 2168 line 23: event -> events Page 2170 Line 4: projecting future -> projecting the future

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 2149, 2015.