

## ***Interactive comment on “Shallow subsurface geology and seismic microzonation in a deep continental basin. The Avezzano Town, Fucino basin (central Italy)” by Paolo Boncio et al.***

### **Anonymous Referee #3**

Received and published: 28 November 2016

The manuscript describes the construction of a level 1 seismic microzonation map of the Avezzano town in central Italy. It begins with an overview of the studies area, proceeds with describing what a seismic microzonation is, and continues with describing the types of data collected for this research, and the data itself.

General comments The work itself is very local, although it can serve as a “guide” for other places in the world. The authors state that the SM was carried out according to the guidelines for the SM by the Italian Department of Civil Protection. It is not understood whether there are new approaches or methodologies presented here. If there are, the authors should emphasize them. Otherwise, this manuscript is very technical, and offers no new insights to the field of seismic microzonation, and its results,

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although important to the Town of Avezzano, are very specific.

Specific comments Page 1, line 12, page 4 lines 5, 15, 21 and in many more places – spacing between words is missing. Page 2 line 8: I believe “from” should be “for”. Page 2 line 15: “in the hanging wall should be “on the hanging wall”. Page 2 lines 16-17: the sentence beginning with “Nevertheless. . .” should be re-written.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-313, 2016.

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