

***Interactive comment on “The 9 September 2010  
torrential rain and flash flood in the Dragone  
catchment, Atrani, Amalfi Coast (Southern Italy)”  
by C. Violante et al.***

**C. Violante et al.**

crescenzo.violante@iamc.cnr.it

Received and published: 26 November 2015

Dear Referee,

thank you for the useful comments and suggestions. An English-native speaker will revise English to correct specific terms and improve comprehension.

Below our reply to your comments.

- Human action

We surely agree to discuss in more detail this point. The correct management of torrential systems is an important issue in flood mitigation especially in small, ungauged

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and rocky watersheds as the one reported in our paper. The paper by Calcaterra et al. (2013) will be quoted accordingly.

- Historical documentation

We will include a brief introduction at beginning of the par. 7 on the importance of historical analysis for landslides and floods with particular reference to the Campania Region. The suggested references will be quoted accordingly.

- Karst (?)

It is very difficult to assess the role played by karst in the flash floods genesis at Amalfi Coast. Even if few springs are located along the path of the main streams, there are no evidences of interactions between surface water and groundwater during rainfall events. Strong pulse of water (wave floods) are mainly due to abrupt draining of temporary dams that have been reported at narrow flow sections during floods. Also, no temporary springs are reported in the recent and historical documentation of past floods.

- Figures

The figures will be revised following the referee suggestions

C. Violante, G. Braca, E. Esposito, G. Tranfaglia

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 4715, 2015.