

***Interactive comment on “Brief Communication:
On the rapid and efficient monitoring results
dissemination in landslide emergency scenarios:
the Mont de La Saxe case study” by D. Giordan et
al.***

D. Giordan et al.

daniele.giordan@irpi.cnr.it

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Dear Editor,

please find enclosed the revision of manuscript entitled “On the rapid and efficient divulgation of monitoring results in landslide emergency scenarios”, authored by Andrea Manconi, Paolo Allasia, Davide Bertolo and myself.

We have prepared a new version of the manuscript and of the accompanying mate-

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rials that include all the modifications suggested by the reviewers. Below, we list our responses (in bold) to the comments and requests of the reviewers.

Looking forward to hearing from you soon, we hope that you will consider our manuscript for publication in Natural Hazards and Earth System Sciences.

Yours sincerely,

Daniele Giordan, PhD

Comments from Reviewer #1

Rev.: "By means of a real case study, the authors describe how to disseminate the monitoring results of a natural hazard in efficient way, adapting the communication language (way of representing the results) to different type of interlocutors. Although the paper is not providing nothing significantly new, it could be taken as a good example of how to face the monitoring of a natural hazard in terms of management of the results. It is well written, clear enough and in my opinion is interesting enough. Hence, I think it can be published as it is".

We would like to thank to Reviewer 1 for his positive comment

Comments from Reviewer #2

Rev.: "Like referee 1, I very much appreciate this paper and think it is well written and can serve as a good case study to highlight proper information management in landslide emergencies".

We would like to thank to Reviewer 2 for his positive comment

Rev.: "My only point of critique is that you could add a graphic which shows how the different data, results and/or figures look like depending on the end-users (ROLE-1, ROLE-2 and ROLE-3), since this is from my understanding the most important point you make in your paper; depending on the ROLE, people require different information. Maybe you could provide an examples of how the information looks like for ROLE-1-3?

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It would also be helpful to add the recipient (i.e. ROLE 1-3) to the figure captions for Fig 3 and 4. According to the caption on Fig 3, I assume this is aimed for ROLE-1 users. But what about Fig 4? Is this already too complex for ROLE-1? How does the same data look like for ROLE-2 or ROLE-3 users? I reckon this could improve the quality of the paper and better highlight the information needs of the people involved in landslide emergency situations".

Thank you for the suggestion; we deleted the old version of figure 3 and we have inserted a new version of figure 3 and 4 to better explaining the different kind of data dissemination for ROLE 1 and 2. We have also added table 2 to give an example of data dissemination for ROLE 3. We also modified the text accordingly.

Rev.: "One issue that is not addressed in detail is the communication to the public. However, I think this is fair to do because this is left completely to ROLE-1, even if it is explicitly mentioned (or I missed it)".

Thank you for the suggestion; we modified figure 2 and we proposed the possibility to add an example of weekly bulletin for population as additional material to have a clear example dissemination to the population.

Comments from Prof. D. Tannat

Prof. Tannant: "The manuscript would be easier to understand if the English was improved. I have made some suggestions for improvements. There are probably others".

Thank you for the suggestion; we modified the text according to the suggestions presented in the additional material by the Prof. Tannant.

Prof. Tannant: "Given that the authors describe an integrated communication strategy that produces plots and summary reports for a specific site, it would be helpful to add web links to some of the materials that are available to the public, if they are available. This would help make the case study aspect of the landslide hazard communication strategy more relevant".

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We can insert two different website links but unfortunately are in Italian. If the Editor considers this possibility an add value the links are:
http://www.comune.courmayeur.ao.it/comune/disgaggi/LaSaxe/LaSaxe_strutt.htm
http://www.comune.courmayeur.ao.it/comune/disgaggi/LaSaxe/PIANO_DI_EVACUAZIONE
http://www.regione.vda.it/territorio/commissariodelegato/default_i.aspx

Prof. Tannant: "Can the authors add a few specific examples of monitoring results triggering a decision and an action to warn people or to implement stabilization measures. This would again make the case study aspect more relevant. It would be helpful to quantify 'near real-time'".

We inserted in the text some examples in figure 3,4 and table 2 and we defined better the meaning of near real time

Prof. Tannant: "How quickly do some of the monitoring results show up on decision maker's emails or mobile phones? 'Instable' is not a commonly used adjective - I recommend the use of 'unstable' instead. 'Instability' can be used as a noun such as: the 'instability' was observed 'Divulagation' is a word rarely used in English. While it has been used correctly in some cases, in others, it has not been. I suggest replacing the word throughout the paper to keep with the theme of 'making the materials simple and easy to understand by all stakeholders'".

Thank you for the suggestions. We revised the text according with your indications.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/3/C1486/2015/nhessd-3-C1486-2015-supplement.zip>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 2757, 2015.

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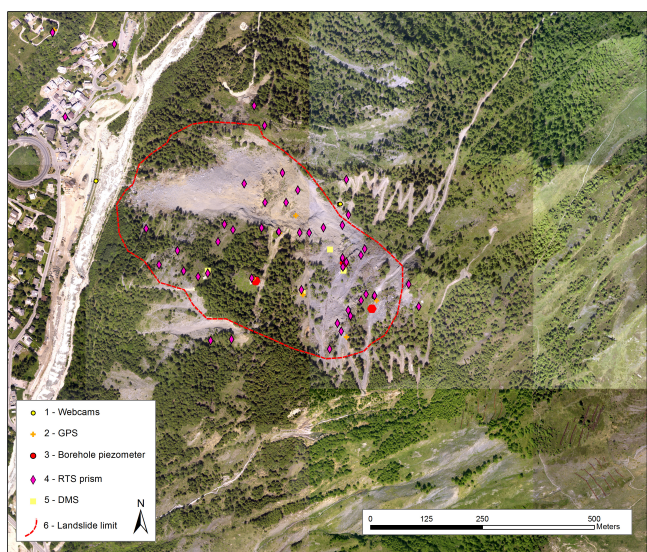


Fig. 1.

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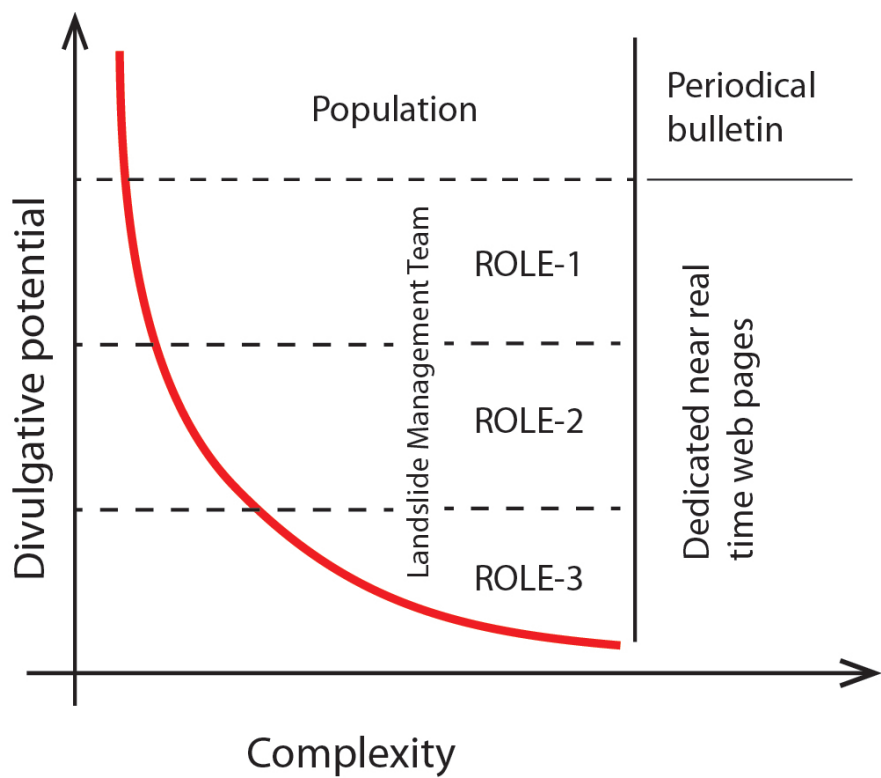


Fig. 2.

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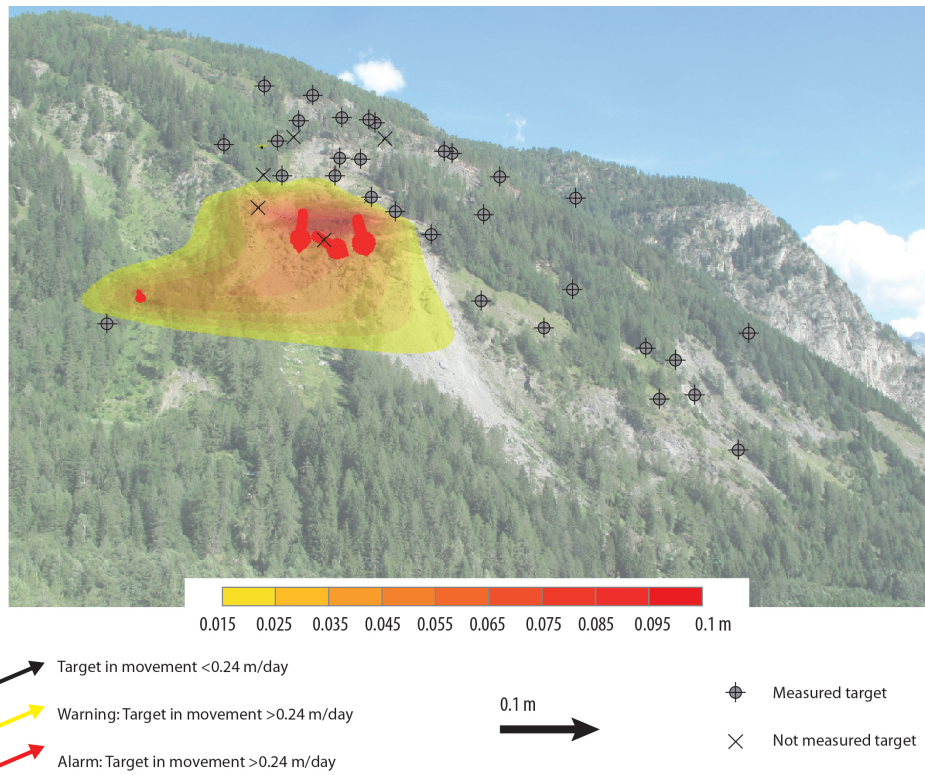


Fig. 3.

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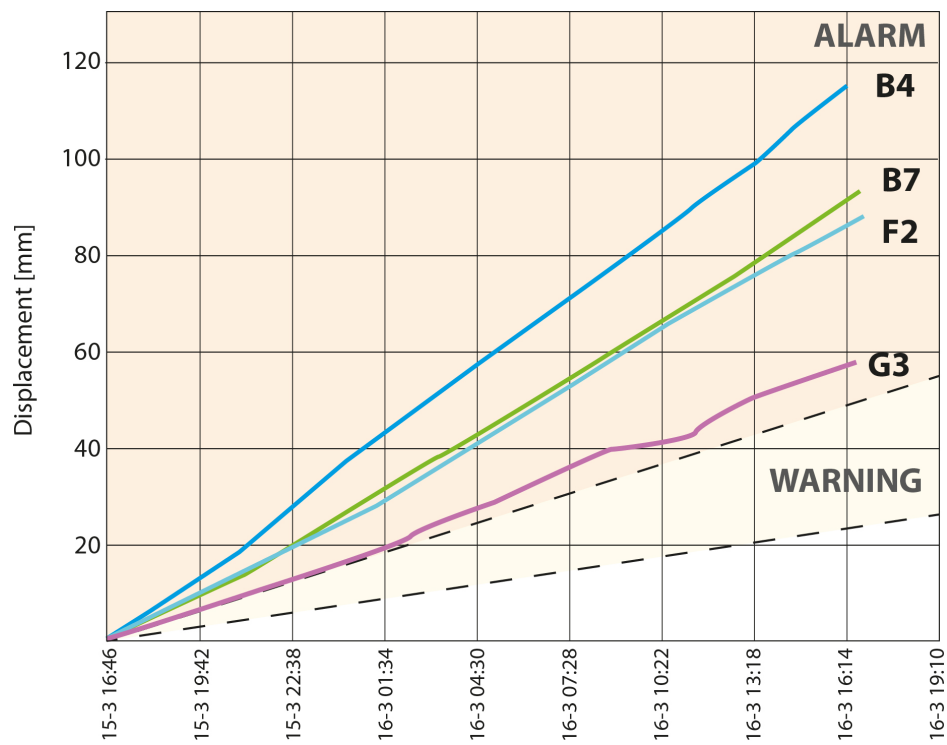


Fig. 4.

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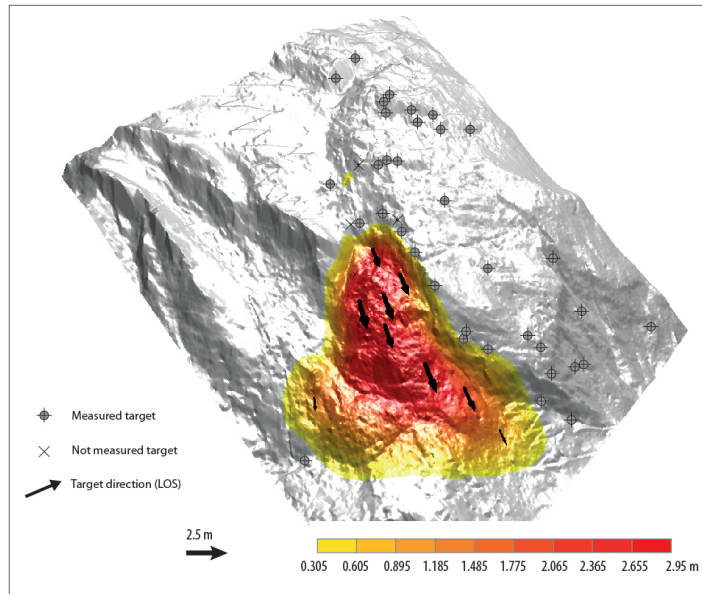


Fig. 5.

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