

***Interactive comment on “Brief Communication:
“An inventory of permafrost evidence for the
European Alps”” by E. Cremonese et al.***

Anonymous Referee #2

Received and published: 10 June 2011

This is a useful manuscript introducing the “Inventory of permafrost evidence for the European Alps”. It explains clearly the information contained in the database and as such is a useful reference document. The Inventory will be a valuable resource for the permafrost community for analysing permafrost extent and for validating models. I hope that the publication of this manuscript will encourage further contributions and use of the inventory.

I would like to recommend the publication of this manuscript. I support the points raised by Anonymous Referee #1. In particular, I agree with the suggestions regarding Figure 1, where it would be very useful to add the time period represented at each site – perhaps this could be using a colour scale for the dots with respect to mean date of observations and size of dots to represent length of time over which there are

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observations. I agree with the comment about Figure 2 – it would be useful to show the type of measurements available for Germany. In addition, it would be useful to have a Figure like Figure 3 for the time period covered by the various types of observations.

I have the following additional minor technical comments:

- p. 1207, line 1 – replace “the majority (>60%) is” with “the majority (>60%) are”
- p. 1207, line 7 – replace “(85%) of points has” with “(85%) of points have”
- p. 1207, line 25 – inventory is not available (10th June 2011)

Interactive comment on The Cryosphere Discuss., 5, 1201, 2011.