

## ***Interactive comment on “The KM3NeT project: status and perspectives” by A. Margiotta***

### **Anonymous Referee #1**

Received and published: 3 September 2012

This is a clear and timely report of the status of the KM3NeT project. The paper should be published after the author answers the question about Figure 2 and considers the optional suggestions.

Can a reference be given for the IceCube sensitivity and discovery potential in Fig. 2? Also, it would be good to give a qualitative explanation in the difference in shape of the KM3NeT curves as compared to the IceCube curves. In particular, why does the sensitivity improve near declination  $-90$  deg for KM3NeT? Is it just a consequence of its mid-latitude location?

Here are a few stylistic suggestions: at line 5 in the abstract it would be better to write "...interdisciplinary observatory for marine sciences" (rather than "to").

Line 110 should read "...that have all been recognized as optimal sites..."

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Line 202: "causal" should be "causally"

In line 6 of Section 5 it would be better to "...have already proved to be fruitful." ("proved" instead of "shown")

At line 243 "represents a fundamental progress towards..." would be better as "represents a fundamental step towards..."

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Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 2, 575, 2012.

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