

## ***Interactive comment on “Integrated dataset of deformation measurements in fractured volcanic tuff and meteorological data (Coroglio coastal cliff, Naples, Italy)” by Fabio Matano et al.***

### **Anonymous Referee #3**

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This is an interesting paper about the assessment of cliff erosion processes after applying a number of techniques for measuring mainly atmospheric/climatic and deformational variables. The article is well structured and written, and incorporates a big number of data, from which results and conclusions seem very consistent. Perhaps there is a high number of figures; some of them could be considered as Supplementary material and remain a selection of them. In fact, some of the figures seem somewhat repetitive. Anyway, I recommend publication with only minor changes related to small mistakes detected along the text: Page 6, line 4: Table 6; line 12: the beginning of the sentence should better be “Parameters of block 05...”; line 15: a reference to Fig. 8 must be included after “16F1 sensor”; line 23 at the end: consider “during the time

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to some preferred...”; line 25: “shown” instead of “shows”; line 26: “by angle values between...” Page 7, line 13: instead of “are more large”, consider “are larger”. Page 11, line 4: “This is a direct consequence...” There is no reference to Fig. 23 along the text. Be careful with the style. Mind the verb tenses. For example, in the second paragraph of page 11 present tense and past perfect alternate without any justification. Conclusions: too brief in my opinion. The last sentence cites the influence of human action and volcano-tectonic activity, which are not considered along in this work. The citation of Furlani et al., 2014 (page 2, line10) is not included in the Reference list. Two references in the list are not cited along the text: Bakun-Mazor et al. (2013), and Fortelli et al. (2018)

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