

## ***Interactive comment on “Inversion kinematics at deep-seated gravity slope deformations: a paleoseismological perspective” by F. Pasquarè Mariotto and A. Tibaldi***

### **Anonymous Referee #2**

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The paper represents a summary of observations at three case study sites, looking at structural features and their role in DSGSDs. The article presents interesting interpretations of observations in trenches, with clear figures and good discussion of possible mechanisms. Improvements: -clarify evidence of interpretations (most interpretations are not well-supported or explained) -define terms (for example, inversion kinematics means different things to different people) -label or explain all symbols used in the figures

Please see attached PDF for further, detailed comments.

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Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/3/C2282/2015/nhessd-3-C2282-2015-supplement.pdf>

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