

***Interactive comment on “On morphology and amplitude of 2D and 3D thermal anomalies induced by buoyancy-driven flow within and around fault zones” by Laurent Guillou-Frottier et al.***

**Anonymous Referee #1**

Received and published: 17 June 2020

All review comments and editorial suggestions are in the attached file (450 comments total).

General statement:

This is a careful, well-designed set of numerical experiments that yields interesting and informative results with substantial heuristic value.

The figures illustrating results are clear, informative, and well-integrated with the accompanying text and figures.

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The authors take a scholarly approach, demonstrating good awareness of the extensive and diverse previous work and its implications.

Please also note the supplement to this comment:

<https://se.copernicus.org/preprints/se-2020-48/se-2020-48-RC1-supplement.pdf>

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2020-48>, 2020.

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