

# ***Interactive comment on “Structure of Suasselkä Postglacial Fault in northern Finland obtained by analysis of local events and ambient seismic noise” by Nikita Afonin et al.***

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Dear Editor,

Please consider my comments to the manuscript entitled

Structure of Suasselka Postglacial Fault in northern Finland obtained by analysis of local events and ambient seismic noise

by Afonin et al. (doi 10.5194/se-2016-90).

The authors analyse data from a temporary network consisting of 12 stations deployed in the vicinity of the Suasselka post-glacial fault to study the fault inner structure.

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Many analysis tools are used, which support a complementary approach to fault zone characterization. However, I feel that parts of the analysis and parts of the presentation and discussion can be improved. The manuscript should be suitable for publication in Solid Earth Discussions after some moderate to major revision.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/se-2016-90/se-2016-90-RC1-supplement.pdf>

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Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-90, 2016.

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