



Geology department

UMR 5243 CNRS-UM-UA

Ass. Pr. Mélody Philippon

Tél. 0590 48 30 95

From Associate Pr. Mélody Philippon

to The Editor of Natural Hazard and Earth System Sciences

Pointe-à-Pitre, June the 22<sup>nd</sup>, 2024

Dear Editor,

Please find enclosed the revised version of our manuscript co-authored with M. Philippon, J. Roger, J.F. Lebrun, I. Thinon, O. Foix, S. Mazzotti, M.A. Gutscher, L. Montheil, J.J. Cornée, entitled “**Forearc crustal faults as tsunami sources in the upper plate of the Lesser Antilles subduction zone. The Case study of the Morne Piton fault system.**” which has been accepted. In this version we provide the supplementary figures showing the un interpreted seismic lines and a complete check up of the references has been made according to the reviewers and to your comments.

With kind regards,

Mélody Philippon, on behalf of the co-authors

Statement of the respective role of each author: MP: Conceptualization; Investigation; Visualization; Data curation; Formal analysis; Methodology; Writing - original draft; Writing - review & editing, JR: Conceptualization; Investigation; Data curation; Formal analysis; Methodology; Writing - original draft; Writing - review & editing, JFL: Formal analysis; Investigation; Resources; Writing - review & editing; IT: Formal analysis; Investigation; Resources; Writing - original draft; Writing - review & editing; OF: Validation, Writing - review & editing; SM: Validation, Writing - review & editing; MAG: Investigation; Validation, Writing - review & editing; LM: Resources; Writing - review & editing; JJC: Conceptualization; Investigation; Writing-original draft, Writing - review & editing.