

Interactive comment on “Spatial Seismic Hazard Variation and Adaptive Sampling of Portfolio Location Uncertainty in Probabilistic Seismic Risk Analysis” by Christoph Scheingraber and Martin Käser

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This is a quite interesting paper dealing with the Spatial Seismic Hazard Variation and Adaptive Sampling of Portfolio Location Uncertainty in Probabilistic Seismic Risk Analysis. The paper is original, well-written and organized. It deserves publication after minor improvement in the Hazard Model. A few specific comments on this chapter follow. p. 6 Hazard Model There is need to provide more details on the seismogenic sources introduced in the model. p. 6 Write “United States Geological Survey” instead of “United States Geological Service”. p. 6. “Site conditions are based on topographic

slope (Wald and Allen, 2007)". But site conditions are also dependent on soil conditions. How do you consider this? p. 6. "The CV is the lowest in Kalimantan (< 0.1) due to the absence of any known or modeled crustal faults". It is hard to follow this statement. Therefore, once more there is need to provide more details on the seismogenic sources introduced in the model.

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