

# Update 3

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## **Done: adding explanation for earthquakes measures**

Mostly for myself I compiled a subsection in Overleaf (*Literature review/Measures of Earthquakes' Intensity and Location*) with definitions and explanation for various earthquakes terms - that we may later use in the paper. There are both basic terms and novel ones from Stephanie's research. Namely, magnitude of earthquake, PGA, shaking center, etc.

## **Done: added data descriptions of earthquakes data, browsed through datasets**

Added brief explanations of what ShakeMap and Significant Earthquake Database are. Also made myself familiar with data, took some time to understand how to work with raw dataset in Matlab.

## **Ongoing: Writing data requests**

Wrote a general draft for firm-level data request. Now need to tailor it to each country/researchers.

## **Questions/tasks/thoughts**

1. Stephanie: what is the exact reason why we consider Italy and Greece irrelevant?
2. All: maybe you have already discussed this but it seems like a good idea to focus on plant-level data since we will be able to use spatial closeness to shaking centers/centroids in analysis.