

Supporting Information for "Probabilistic Tsunami Hazard Analysis (PTHA): multiple sources and global applications

Andrey Babeyko, Maria Ana Baptista, Jörn Behrens, Antonio Costa, Gareth Davies, Eric L. Geist, Sylfest Glimsdal, Frank I. González, Jonathan Griffin, Carl B. Harbitz, Randall J. LeVeque, Stefano Lorito, Finn Løvholt, Rachid Omira, Christof Mueller, Raphaël Paris, Tom Parsons, Jascha Polet, William Power, Jacopo Selva, Mathilde B. Sørensen, Hong Kie Thio, Anita Grezio

[Jupyter notebook output from Index.ipynb](#)

1 Start here

If you want to run these notebooks on your own computer, you need to have [Jupyter](#) installed along with NumPy and Matplotlib. You can get all of this via [Anaconda](#), for example.

Then you can clone the Github repository containing the notebooks:

```
git clone https://github.com/rjleveque/ptha_rog
```

Instead you can run them on the cloud server [binder](#) using [this link](#). It may take a while for the notebook server to launch.

2 Recommended order to view the notebooks:

These notebooks explain the main ideas:

- [Hazard_Maps.ipynb](#)
- [Hazard_Curves.ipynb](#)

Then this notebook explains more details and illustrates how to plot things using some pre-computed tsunami simulation results:

- [Make_Hazard_Curves_and_Maps.ipynb](#)