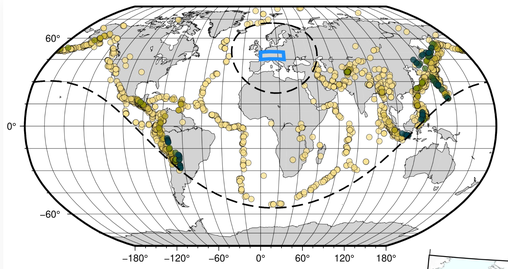
New Moho depth map for the broader European Alps region based on open access receiver function data

Moho map and receiver functions database beneath the European Alps using data from recent large-scale passive experiments

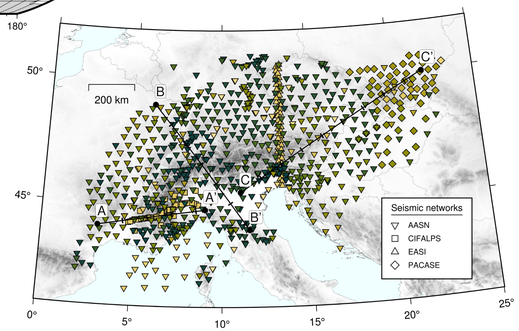
***Konstantinos** Michailos, György Hetényi, Matteo Scarponi, Josip Stipčević, Irene Bianchi, Luciana Bonatto, Wojciech Czuba, Massimo Di Bona, Aladino Govoni, Katrin Hannemann, Tomasz Janik, Dániel Kalmár, Rainer Kind, Frederik Link, Francesco Pio Lucente, Stephen Monna, Caterina Montuori, Stefan Mroczek, Anne Paul, Claudia Piromallo, Jaroslava Plomerová, Julia Rewers, Simone Salimbeni, Frederik Tilmann, Piotr Środa, Jérôme Vergne and the AlpArray-PACASE Working Group*

DATA

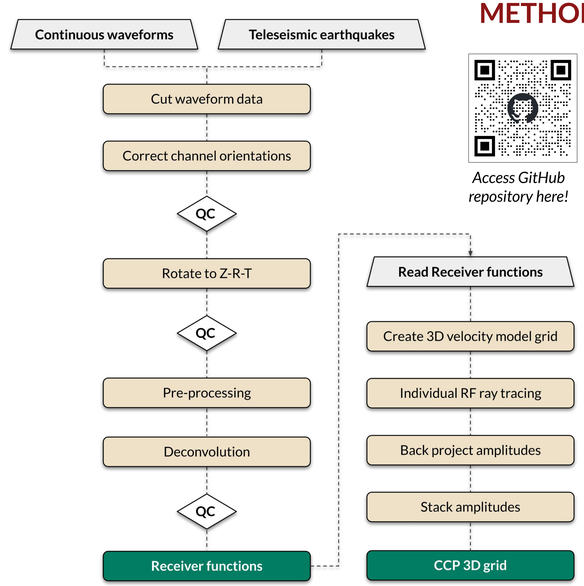


1,687 teleseismic earthquakes M>5.5 and epicentral distances between 30° and 90°.

Seismic waveform data from **AlpArray**, EASI, CIFALPS and PACASE.



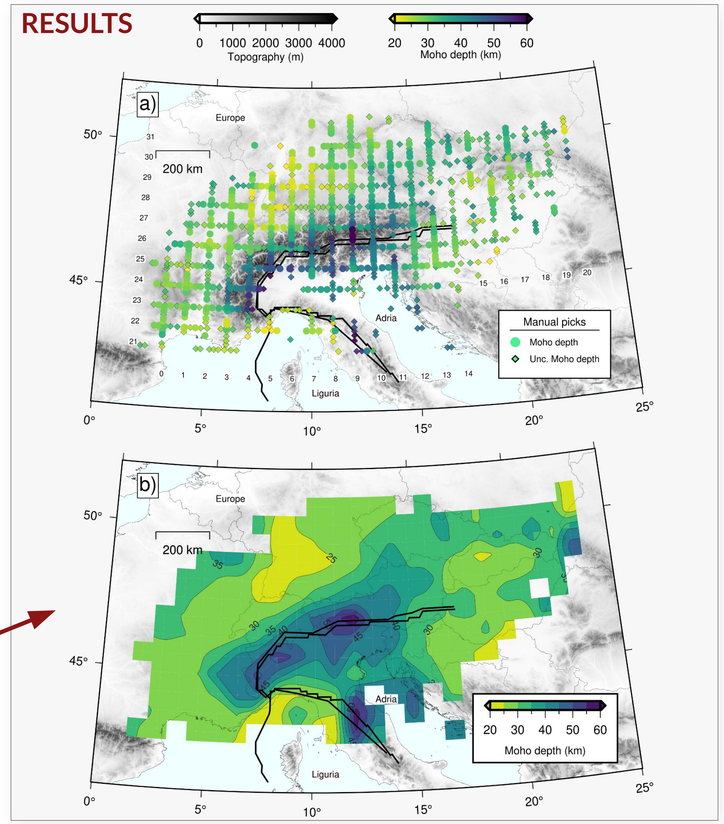
METHODS



Access GitHub repository here!

We have developed **open-access** Python codes for RF calculations and CCP stacking in spherical coordinates.

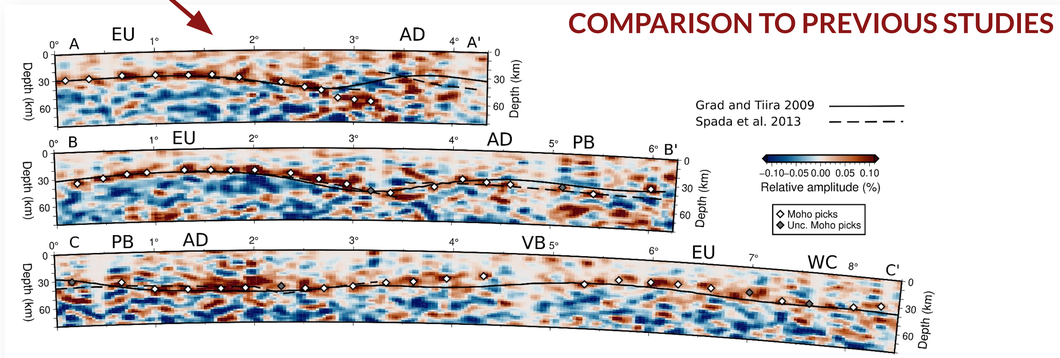
RESULTS



Spatial variations of Moho depths for the broader European Alpine region.

Migrated receiver-function cross-sections in spherical coordinates.

COMPARISON TO PREVIOUS STUDIES



*Download the full **preprint** and access the **RF dataset***

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