ILIHA was designed to be a large-scale test for heterogeneity and seismic anisotropy in the subcrustal lithosphere over the Variscan domain of the Iberian Peninsula.

General information

- Six wide-angle deep seismic sounding profiles.
- Acquired in 1989.

Technical specifications

- File format: SU
- Source: 6 shots offshore (between 500 and 1000 kg), 5 shots in two points onland from large quarry blasts.

Setting

- It targets the subcrustal lithosphere of the Variscan domain of the Iberian Peninsula.

Example of the data: B-X

Main references

- Díaz et al. (1993). [https://doi.org/10.1016/0040-1951\(93\)90026-G](https://doi.org/10.1016/0040-1951(93)90026-G)
- Díaz et al. (1996). [https://doi.org/10.1016/0031-9201\(95\)03127-8](https://doi.org/10.1016/0031-9201(95)03127-8)
- Díaz et al. (2020). Dataset: <http://dx.doi.org/10.20350/digitalCSIC/12623>

Funding

- European Science Foundation (European Geotraverse, EGT), European Community (Contrat ST2P-0389-C).
- Stimulation programme of the Commission of the European Communities, Directorate General XII
- Swiss National Research Funds