

Join the GeoLinks team for your Master 2 internship!

[GeoLinks](#) is the integrator of new solutions in Geosciences. Start-up created in January 2020, our mission is to offer an Innovative and Cost-effective underground monitoring solution that goes far beyond the existing options. Why?

Because we believe our New Monitoring solution is key for allowing the large scale deployment of new Underground Energy Storage and CO2 sequestration projects, which is mandatory to achieve the objectives of limiting global warming under the 1.5°C.

Context

In collaboration with the CNRS, Geolinks is evaluating potential industrial applications of a new academic method based on seismic ambient noise interferometry which allows the detection and monitoring of fluid movements in the underground. Various industrial activities, such as underground gas storage, geothermal production or industrial CO2 sequestration for CCS, will benefit from this innovative geophysical monitoring service.

In early 2022 we are launching our second large scale demonstrator field project, related to the monitoring of fluid movements within the porous geological formation surrounding the Saint-Parize fault, located south of the Paris Basin, where gas circulation is known to occur.

We propose a 6-month study internship whose mission will be to assist Geolinks research and operators team for the implementation of our field demonstrator. By doing so you will contribute to the evaluation and development of our innovative interferometry based monitoring technique.

Topics of the internship

- In coordination with the Operation manager and Research team, you will participate in field data collection, assess the data integrity and qualify the data quality.
- You will work with the Research team, and you will set up digital tests in order to better understand the sensitivity of the measured signals and their repeatability throughout the time.

Profile of the candidate:

- Organized and autonomous
- Ability to make regular reporting
- Ability to perform technical presentations (written and oral presentations) in English or in French
- Master 2 in Geophysics
- Area of competence: geophysics, signal processing
- Programming experience (Matlab – Python strongly required)
- Experience with Arcgis/QGIS
- Fluent English and French required

Further information

- Location, Massy (91) Île de France - some short trips to be planned every months to the pilot site in the South of Paris Basin
- Start: March/April 2022 or July/August 2022
- Type of contract: School Internship
- Remuneration: yes

Apply by Email to contact@geolinkservice.com

Please attach your CV and letter of motivation, and include any links to your work or online profiles.