

# Internship in Geology

## Summary

- **Length:** 4-5 months
- **Location:** 232 Avenue Napoléon Bonaparte, Rueil-Malmaison, 92500, France
- **Reference:** GEO-2023-01
- **Starting Date:** February 2023
- **Internship paid and compliant with school conventions**

## Title

Realization of public datasets for forward stratigraphic modeling

## Intern profile

Master (MSc) with Geology degree or fifth year of "Ecole d'Ingénieur"

## Objectives

Beicip-Franlab is looking for an intern in its G&G division in order to work on the realization of several data sets on two major themes in stratigraphic modeling: improved modeling of water flows and nutrients. This task will be conducted in the frame of the 2023 release of the DionisosFlow software. Resulting models are intended to be used to update existing trainings and strengthen Beicip-Franlab workflow for CO2 storage.

## Main tasks undertaken during the internship

- Training on the stratigraphic modeling DionisosFlow software,
- Identification and acquisition of public data for the realization of stratigraphic models,
- Participation to the development of the workflows associated to those datasets for nutrient & advanced waterflow modeling,
- Creation and calibration of the datasets using DionisosFlow software.

The deliverables expected by the end of the internship are the datasets and related material documenting the workflows. If time allows, business-oriented presentations can be edited.

## Software used

DionisoFlow