



# DIANA NATHALY CHOURIO-CAMACHO

3rd year of PhD student

PSL university - Mines Paris - Centre de Géosciences  
35 Rue St-Honoré, 77305 Fontainebleau Cedex, France

Supervisors: Jean-Louis GRIMAUD (Mines Paris); Hélène TISSOUX (BRGM);  
Paul Bessin (Le Mans University); Mark NOBLE (Mines Paris)

**2020-onwards PhD about "Late Quaternary in the Paris Basin: 3D restitution of alluvium geometry in the bottom of major valleys in the Seine catchment"**

## SCIENTIFIC PRODUCTION

### Articles

- **Chourio Camacho, D.**, Grimaud, J. -L., Tissoux, H., Bessin, P., Voinchet, P., Noble, M. and P. Bertran (*in prep*). The stepped alluvial terrace of Manoir-Brésil, Lower Seine: a conundrum of fluvial, alluvial and slope deposits. prévu pour Quaternaire.
- Lenoir, L., Blaise, T., **Chourio-Camacho, D.**, Richard, A., Tarantola, A., Agrinier, P., Rigaudier, T., Monvoisin, G., Bardoux, G., Brigaud, B., and Barbarand., J. (*in prep*). From granite hydrothermal alteration to stratabound fluorite-barite mineralisation in the south of the Paris Basin.
- **Chourio-Camacho, D.**, Torres, J., Lobo, A. (2019). Stability of slopes in the Mérida cable car system. Chapter 69 of the book "Avances de ciencia e ingenieria". Pontificia University of Ecuador.
- **Chourio-Camacho, D.**, Vielma, A., and Viscarret, P. (2018). Surface geology between La Gonzalez and San Juan de Lagunillas. Mérida, Venezuela. Revue Geominas volume 46.

### Oral presentations

- November 2022, AFEQ. Paris, France
- March 2022, Quaternary Q13, Strasbourg, France.
- November 2021, RST, Lyon, France.
- Janvier 2021, GEOSYS: Connaissance des systèmes géologiques BRGM.

## PROFESSIONAL EXPERIENCE

- September 2022-2021** Field teaching geology to engineering students of Mines Paris
- February 2020-July 2020** Internship at GEOPS laboratory and IPGP
- Isotopic compositions of fluid inclusions in Fluorite ore deposits in the south of the Paris Basin, France.
- April 2019 - September 2019** Internship at GEOPS laboratory
- Geological and ore deposits mapping around the Mediterranean using ArcGis software (July-September, 2019).
  - 3D Geological model of the Essonne catchment using Petrel Software (April-June, 2019).
- November 2016- November 2018** University of Los Andes, ULA
- Ore Deposits instructor at the department of Geology
  - Field teaching geology

## SKILLS

- Geomorphology/Sedimentology
- ESR dating method
- Geochemistry (Cl-isotopes and Ion Chromatograp (IC)
- Geophysic

## SOFTWARES

- ArcGis
- Python
- Petrel
- Origin
- Surfer
- PhreeqC

## CONTACT

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**Diana CHOURIO-CAMACHO**

## ACADEMIC BACKGROUND

### 2018-2020

Master degree in Hydrology, Hydrogeology and Soils , with honors (Rank 1/6)  
Paris Saclay University, France

### 2016-2017

Specialization: Teaching in Higher Education  
University of Los Andes, ULA, Mérida-Venezuela

### 2009-2016

Geological Engineer, with distinction Cum-Laude  
University of Los Andes, ULA, Mérida-Venezuela

## LANGUAGES

- Spanish (Native)
- French (Advanced)
- Italian (Advanced)
- English (Intermediate)

## HOBBIES

- Swimming
- Trekking
- Climbing