

SANDRA NAVAZ RUBIO

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Date of birth: 06.03.1992

Place of birth: Gijon, Asturias (Spain)

Nationality: Spanish

EDUCATION

University of Oviedo

M.Sc. in Geological Resources and Engineering Geology

2014-2016

Thesis: *“Scawtite ($Ca_7Si_6O_{18}CO_3 \cdot 6H_2O$) synthesis through dolomite silicification in hydrothermal conditions and its relation with CO₂ sequestration”.*

- Techniques used: XRD, XRF, SEM, TEM-STEM, ICP-MS.
- Modelling software: PHREEQc

Main subjects:

- Engineering Geology
- Geological resources (ore geology)
- Environmental Geology
- Water Geochemistry and mineralogy

University of Oviedo

B.Sc. Geology

2010-2014

Thesis: *“Mineralogical characterization of Monticellite ($CaMgSiO_4$) from San Bernardino County, California”*

- Techniques used: XRD, XRF, SEM, electronic microprobe, optical microscopy.

Main subjects

- General
 - Chemistry
 - Mathematics / Physics
 - Biology
- Occupational
 - Paleontology
 - Structural Geology
 - Geomorphology
 - Ore Geology
 - Stratigraphy / Basin Analysis
 - Hydrogeology
 - Mineralogy

WORK EXPERIENCE

GeoForschungs-Zentrum Potsdam

Marie Curie ESR student position: Metal Aid Project

01.10.1016 – Ongoing

“The effect of green rust composition and structure on trace metal reduction”

Supervisor: Liane Benning

LANGUAGES

Spanish — Native language

English — Speaking fluently with high proficiency.

MEMBERSHIPS

European Association of Geochemistry

European Crystallographic Association