

Natacha FABREGAS

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Sedimentologist

PROFESSIONAL & FIELD EXPERIENCE

Project & Master's internship

2017: 3 + 5 months

Study of Little & Great Abaco carbonate submarine canyons (Bahamas)

- Morphobathymetry
- Imagery
- Very high resolution seismic

- Understand deposit processes in Bahamian slopes & feeding processes in giant submarine canyons

University of Bordeaux
EPOC lab



Thierry MULDER
Vincent HANQUIEZ

Open-sea

oceanographic cruise

2016-2017 : 18 days

Carambar 2 : Study of sediment transfer between the Little Bahama Bank and the abyssal plain

R/V l'Atalante
Bahamas



Basin synthesis:

2016: 2 months

Analysis of the tectono-sedimentary and stratigraphic evolution of the Colville Basin (NPRA, USA)

- Construction of a static model (in order to plan the geo-resources exploitation or for the storage)

Kingdom and Petrel software

ENSEGID



Carine GRELAUD

Reservoir synthesis

2016: 2 months

Landes de Siougos anticlinal structure, Aquitaine basin

Core & thin section study (1 week)

Lab measurement & report (2 months)

- Characterization & evaluation of the reservoir system's quality

Core storage
Storengy



Adrian CEREPPI

Basin synthesis

2016: 2 months

Geological synthesis of the High-Atlas Mountains (Morocco) thanks to outcrop data

Fieldwork (2 weeks)

High-Atlas, Morocco

Philippe RAZIN

Carine GRELAUD

ENSEGID

Geothermal internship

2016: 3.5 months

Feasibility study of a reversible geothermal system

(targeting the Oligocene aquifer) to heat and cool the future premises of ENSEGID school



Alain DUPUY

François LARROQUE

Fieldwork

2016: 2 weeks

Sedimentological study of a carbonate sedimentary basin

Sedimentological logs and mapping

Quercy region, France

Adrian CEREPPI

Corine LOISY

Fieldwork

2015: 2 weeks

Sedimentological and stratigraphic study of the Paleogene South-Pyrenean foreland basin

Aragon, Spain

Philippe RAZIN

Carine GRELAUD

EDUCATION & DIPLOMA



2017

Research Master – University of Bordeaux, France

2018

Sedimentology & Paleooceanography



2014

ENSEGID - Bordeaux INP, France – Geology option

2017

Engineer school in: Geology, Sedimentology, Hydrogeology, Environmental sciences



2012

Preparatory Class BCPST – Lycée Thiers, Marseille, France

2014

Mathematics, Biology, Chemistry, Physics and Earth Sciences

APTITUDES

LANGUAGES	GEOLOGY
French – Native speaker	Core analysis
English - Fluent	Geological mapping
Spanish - Fluent	Sequence stratigraphy
SOFTWARE	Thin section analysis
Adobe Illustrator	Well log analysis
ArcGis - QGIS	Seismic interpretation (High & Very High Resolution)
Kingdom	Bathymetric data analysis
Caraibes	Backscatter data analysis
Petrel	Petrophysical analysis on plugs

ACTIVITIES & LEISURE

Sports	Gymnastics (competition then university sport) Volley-ball (ENSEGID team)
Leisure	Travelling abroad (Costa Rica, Spain, Egypt, United Kingdom, Netherlands, Czech Republic ...) Volunteering in Costa Rica in a center for the assistance to animals