



Paulo Cabrita

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Gender: Male **Date of birth:** 02/10/1997 **Nationality:** Portuguese

ABOUT ME

Since I was a child I always loved the sea and coastal storms. When I was studying marine biology I came across coastal dynamics as a lecture since then I found my passion and I am pursuing that dream and passion. I am always trying to learn and work in the area. Coastal modelling, management and coastal dynamics are some topics that I look forward to with high interest.

WORK EXPERIENCE

[04/04/2022 – 30/06/2022] **Intern**

CLS - Collect Localisation Satellites

City: Toulouse

Country: France

Main activities and responsibilities:

Internship regarding the ECFAS project.

Detection of extreme events using Sattelite data.

Development of python skills.

[08/02/2020 – 02/10/2020] **Intern**

LNEC - Laboratório Nacional de Engenharia Civil

City: Lisboa

Country: Portugal

Main activities and responsibilities:

During this time, I worked in my thesis "Testing storm impact modelling at São Pedro de Moel beach". I learned to use XBeach and other tools.

EDUCATION AND TRAINING

[01/11/2021 – Current] **PhD in Earth and Marine Science**

Università degli Studi di Ferrara

Address: via Ludovico Ariosto, 35, 44121, Ferrara, Italy

Field(s) of study: Coastal Dynamics and Management

[09/2018 – 26/11/2020] **Masters in Marine and Coastal Systems**

Universidade do Algarve www.ualg.pt

Address: Faro, Portugal

Final grade: 16 **Level in EQF:** EQF level 7

Type of credits: ECTS **Number of credits:** 120

Thesis: Testing storm impact modelling at São Pedro de Moel beach.

Main subject / occupational skills covered:

Masters classes are in English and have fieldwork in a scientific cruise and course in scientific diving.

The areas taught in the master are from different areas from marine biology, coastal management, modelling and others.

Main Subjects:

- Modelling of Marine Systems
- Remote Sensing and Submarine Cartography
- Marine Morphodynamics
- Coastal Hazards
- Coastal Oceanography

Used programs in the Masters: *Mirone, Matlab, MOHID, QGIS e Gretl and Excel*
In the thesis I used *XBeach* and *SWAN* numerical models.

[09/2015 – 07/2018] **Bachelor in Marine Biology**

Universidade do Algarve www.ualg.pt

Address: Gambelas-Faro, Portugal

Level in EQF: EQF level 6

Main subject / occupational skills covered:

General:

- Biology
- Physics
- Ecology
- Chemistry
- Ocean Energy
- Blue Economy
- Coastal Dynamics
- Ocean and Climate

I used programs like *QGIS, RStudio, Excel*

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Italian

LISTENING A2 READING A2 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A2

Spanish

LISTENING A2 READING A2 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

DIGITAL SKILLS

My Digital Skills

Models

XBeach | SWAN | MOHID

Data analyses programs

GIS software: ArcGIS, QGIS | GRETLE | Microsoft Excel | MIRONE

Programming

Programming with Python | MATLAB&Simulink | R and Rstudio

Microsoft

Microsoft Word | Microsoft Powerpoint | Microsoft Office

PUBLICATIONS

[2020] **Testing storm impact modelling at São Pedro de Moel beach**

<https://sapientia.ualg.pt/handle/10400.1/15292>

Reference: Master's Thesis

[2020] **Testing storm impact modelling at São Pedro de Moel beach**

https://jornadas.hidrografico.pt/recursos/files/documentos/Livro_Atas_6JEH_2020.pdf

DRIVING LICENCE

Cars: B1

Cars: B

CONFERENCES AND SEMINARS

[03/11/2020 – 05/11/2020]

6.as Jornadas de Engenharia Hidrográfica / 1.as Jornadas Luso-Espanholas de Hidrografia

<https://jornadas.hidrografico.pt/>

PROJECTS

[15/12/2021 – 31/12/2022] **ECFAS - European Coastal Flood Awareness System.**

www.ecfas.eu

Partnership with PhD Project

[02/02/2020 – 02/10/2020] **Mosaic.pt**

The work of my thesis was towards this project.

http://mosaic.lnec.pt/index_en.php

[09/2022 – Current] **OverSEE project - Prisma Scienza**

CERTIFICATIONS

[29/10/2022] **First Certificate in English**

Cambridge Assessment

Overall grade: B

Listening: C1

Use of English: C1

Reading: C1

Speaking: C1

Writing: B2

[22/01/2022] **Complete Python Mastery**

Online Python course from the website www.codewithmosh.com

Recreational Supervised Drive

Recreational Supervised Driver - Global Underwater Explorers (GUE)

Issued in November de 2017 and it expires in November of 2020