



Olivier Collard

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About me:

Oceanography has always been my passion since childhood especially Marine Biology. I enjoy various sports such as CrossFit or water polo. I also like digital drawings and making small animations.

● WORK EXPERIENCE

01/03/2022 – 15/09/2022 – Liège, Belgium

MASTER'S THESIS – GENETIC AND PHYSIOLOGY OF MICROALGAE LAB (UNIVERSITY OF LIÈGE)

- Protein analysis on gel NPAGE
- Statistical data analysis on R
- Induction of long term and short term thermal and UV stress on corals
- Analysis of photosynthetic activity by measuring fluorescence

01/02/2022 – 02/2022 – Liège, Belgium

ASSISTANT RESEARCHER – ECOPHYSIOLOGY AND ANIMAL PHYSIOLOGY LAB (UNIVERSITY OF LIÈGE)

- Measurement of ROS production by symbiodinaceae under light stress
- Realization of protein analysis by WESTERN BLOT
- Routine analysis: Measurement of chlorophyll content, cell counting, cultivation of symbiodinaceae, spectrometry

01/02/2020 – 30/06/2020 – Terrenganu, Malaysia

ASSISTANT RESEARCHER – UNIVERSITY OF TERRENGGANU (MALAISIA)

- Isolation and culture of bacteria from sponges
- Extraction of the crude extract from sponges
- Culture of the bacteria using the Air membrane surface technique
- Antifouling activity test using DDT (disk diffusion test)
- Analysis of the compounds produced by the bacteria and contained in the crude extract using thin-layer chromatography

01/02/2018 – 01/02/2018 – Mons, Belgium

ASSISTANT RESEARCHER – LABORATORY OF BIOLOGY AND MARIN ORGANISMS AND BIOMIMETICS (UNIVERSITY OF MONS)

- Extraction and conservation of podia from starfish
- Histological cuts of samples using a microtome
- Immunolabelling of protein contained in the podia
- Isolation and multiplication of RNA contained in the podia using PCR
- Electrophoresis on RNA sample

● EDUCATION AND TRAINING

15/09/2018 – 15/09/2022 – Liège, Belgium

MASTER'S DEGREE IN OCEANOGRAPHY – University of Liège (Belgium)

- Learning the different branches of oceanography (satellite, R Modelling, oceanographic physics, oceanographic chemistry, marine biology, etc.).
- specialization courses: the ecology of coral reefs, marine mammals, functional morphology, ecotoxicology, marine phanerogams, ecoethology

15/09/2016 – 15/09/2019 – Ath, Belgium

BACHELOR'S DEGREE IN BIOTECHNOLOGY – Higher Education Institution of Condorcet (Belgium)

In-depth learning of laboratory practices in Microbiology, Biochemistry, Immunology, virology, Cell Culture (animal and plant)

15/09/2015 – 15/09/2016 – Louvain-La-Neuve

BACHELOR'S DEGREE IN BIOLOGY – University of Louvain-La-Neuve (Belgium)

● **VOLUNTEERING**

01/09/2015 – 01/09/2016

Exchange Year With The Rotary Program

Puebla (Mexico)

01/08/2016 – 30/08/2016

Turtle keeper

The society for the protection of turtle ARCHELON

- Work in the Turtle Revalidation Center.
- Application of first aid.
- Maintenance of the center

● **LANGUAGE SKILLS**

Mother tongue(s): **FRENCH**

Other language(s):

UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction
ENGLISH	B2	B2	C1	C1
SPANISH	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

My Digital Skills

R | QGIS

- **CERTIFICATION**

Level 2 PADI diving certification
