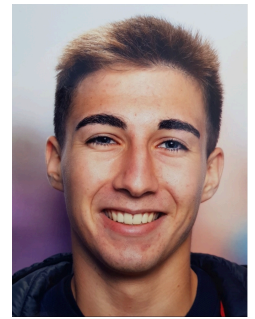


# THÉO EYCHENNE



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Montpellier, France 34090

Driving & Boat licences

## EDUCATION

**PhD in marine sciences and fisheries resilience** — UMR MARBEC - CNRS, Montpellier (France) **Dec. 2025 - Present**  
International MESCAL project (ANR SIOMPA) - PhD fellowship funded by MITI GDR OMER

**Double master's degree in Agronomic Engineering & BEE « EcoSystemeS »** — L'Institut Agro Montpellier & University of Montpellier, Montpellier (France) **2021 - 2025**  
Dominant : Sustainable management of natural resources & Functional ecology of aquatic and terrestrial ecosystems.

**Academic mobility** — Agricultural University of Athens, Athens (Greece) **2023**  
6 months Erasmus+ programme.

**Preparation for competitive entry to engineering college** — LEGTA Auzerville, Auzerville (France) **2019 - 2021**  
Intensive courses in Mathematics, Physics, Chemistry, Biology, Geology, Geography, French literature & English.

## RESEARCH EXPERIENCE

**Study of the trophic biology of *Coryphaena hippurus*** — CNRS, Moorea (CRIOBE station) — 2025  
5-month research internship involving visual and DNA-based analysis of stomach contents and coding of an automated pipeline (Bash/Python/R), in collaboration with the Eimeo Nui No Moorea Maiao fishing cooperative.

**Thau lagoon socio-ecosystem by 2050, through the EDEN platform** — L'Institut Agro Montpellier & University of Montpellier, Montpellier (France) — 2025  
4-months student research project in preparation for the FIRE symposium, involving bibliographic research, semi-structured surveys and the creation and coding of a qualitative model using the EDEN platform.

**Analysis of micro- and macro-plastics in seawater samples** — CNRS & International Atomic Energy Agency, Bora-Bora (French Polynesia) — 2024  
4-month project involving sampling of surface seawater, sediments, and wastewater across all key stages of a treatment plant (from influent to ultrafiltration effluent), including micro-filtration and sample preparation for analysis at the IAEA (Monaco).

**Short-term scientific mission** — OIST - CNRS - CRIOBE - DIREN, Taiaro (Tuamotu, French Polynesia) — 2024  
2 weeks of fieldwork, including biological sampling, maintenance of 5 measurement stations and a census of the protected category B species, *Birgus latro*.

**Study of anthropogenic noise in Bora-Bora lagoon** — CRIOBE & Polynésienne des Eaux, Bora-Bora / Moorea (French Polynesia) — 2023-2024  
8-month. The project was initiated in collaboration with a consortium comprising Bora Bora Town Hall, the la Vai Ma Noa Bora Bora Association, Bora Bora College-High School and the Bora Bora by Pearl Resort.

- **Traffic maritime mapping and associated noise pollution** - collaboration with Lagoon Service
- **Acoustic monitoring** - collaboration with the IRD & the University of Liège
- **Assessing impacts on marine biodiversity via functional responses** - collaboration with the ENES

**Study of short supply chain consumers in the Bassin de Thau** — L'Institut Agro Montpellier, Montpellier (France) — 2022  
11-months student engineering project conducted in collaboration with the CPIE Paniers de Thau, involving bibliographic research, 80 qualitative and quantitative surveys, and statistical analyses (MCA & hierarchical clustering).

## PUBLICATIONS

- **Eychenne T., ..., Planes S.** New insight on trophic ecology of *Coryphaena hippurus* from stomach content analysis in French Polynesia. *in prep.*
- **Eychenne T., Minier L., ..., Médoc V.** Reducing thermic boat traffic or switching to electric: behavioral response and ecological consequences in a coral reef fish. *in prep.*
- **Minier, L., Eychenne, T., ..., Médoc, V., Lecchini, D.** Motorboat noise playback reduces herbivory by coral reef fish. *Environ Biol Fish* 109, 27 (2026). <https://doi.org/10.1007/s10641-025-01798-1>

## TRAINING & SKILLS

### Core competences

- Advanced Biostatistics (frequentist & Bayesian methods), **R software**
- Spatial data analyses and visualization, **QGIS**
- DNA sequencing and bioinformatics workflows
- Coding, **R and Python**
- Database design management, **SQL language**

### Certificates

- **CAH 1B**, *Andromède plongée bio*
- **AERME**, Ecosystem Approach to Marine Resources Management
- **MANEA**, Coral Reef Biodiversity and Conservation Strategies
- **NEO**, Laboratory Safety and Risk Management

### Teaching and supervisory activities

- 35 h eq. TD (Master's level)
- Supervision of 18 students (Master's & high school levels)
- Outreach for 4 × 15 high school groups

### Conferences

- Laboratory team presentation, CNRS, Papetoai (Moorea), 05/06/2025
- FIRE Symposium, Montpellier, 16/01/2025
- *Mercredi du Savoir*, Vaitape (Bora-Bora), 27/03/2024
- Private conference, Lagoon Service (tourism company), Vaitape (Bora-Bora), 19/03/2024

## SCIENTIFIC & MEDIA OUTREACH

- **Documentary** - « *Taiaro, son lagon, unique en Polynésie* », TNTV+, 03/05/2024
- **Written press** - « *Bora Bora : Algues et pollution sonore menacent le lagon* », Tahiti Info, 08/04/2024
- **Radio interview** - Radio Bora Bora, 20/03/2024
- **TV report** - « *À Taiaro, la rencontre rare entre l'océan et le lagon* », TNTV News, 12/03/2024
- **Public engagement** - *Sourire à la vie* charity event, 24/10/2023
- Multiple **educational outreach and jury participation** with high school students, French Polynesia (2023–2024)

## ADDITIONAL INFORMATIONS

### Languages

- **French** : mother tongue
- **English** : competent - 6-month Erasmus in Greece and biannual trips to Brighton, U.K.
- **Spanish** : elementary level

### Hobbies

- **Freediving** (AIDA 2)
- **Scuba diving** (3★ FFESSM)
- **Trail running**
- **Fishing & spearfishing**
- **DIY/hands-on projects**