SHORT CURRICULUM VITAE

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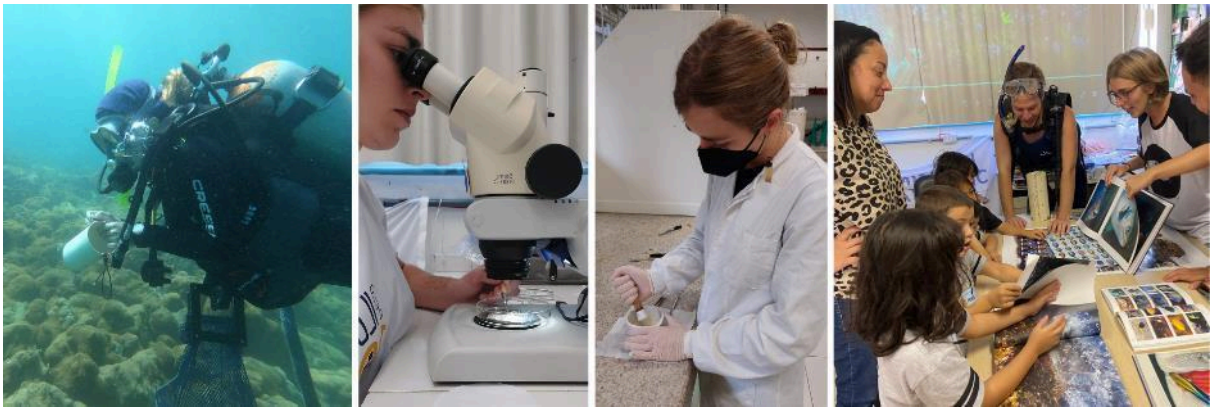
1. EDUCATION

2023 - 2025	M.Sc. in Ecology at Universidade Federal de Santa Catarina (UFSC), Brazil
2016 - 2022	Undergraduate Degree in Biological Sciences at UFSC, Brazil.

2. PROFILE

As an undergraduate student at the Universidade Federal de Santa Catarina (UFSC), I had the opportunity to explore a variety of research topics and methods, including a tree inventory project at the Plant Systematics Lab and the development of a didactic guide on the conchology and taxonomy of Brazilian marine gastropods at the Marine Invertebrate Lab. Since 2019, I have been working in the Marine Macroecology and Biogeography Lab (LBMM/UFSC), where I have gained experience in marine ecological research — including field sampling, laboratory techniques, data analysis, and scientific communication. This includes studies on fish community structure using underwater visual census (UVC) and remote underwater video (RUV); reef trophic ecology through foraging behavior observations, gut content analysis, and stable isotope analysis; as well as benthic and pelagic sampling, such as sorting epilithic algae matrix and collecting plankton. I have also participated in different ocean literacy outreach projects and contributed to the Long-Term Biodiversity Monitoring Program on Brazilian Oceanic Islands (PELD ILOC) as a content producer and social media manager. My undergraduate thesis focused on comparing reef fish microhabitat use and foraging behavior between biogenic and rocky reefs. Most recently, I completed a Master's degree in Ecology at UFSC. My thesis, titled “Upwelling enhances planktivory in benthic-feeding omnivorous damselfish in subtropical reefs”, highlights the trophic opportunities promoted by upwelling-driven pelagic subsidies for reef fish that support subtropical reef ecosystems. My research is guided by a deep curiosity about how ecological processes shape reef communities across environmental gradients.



A B C D

Figure 1 – A) Field sampling in Arraial do Cabo (RJ); **B)** Laboratory analysis of epilithic algae matrix components; **C)** Processing samples for stable isotope analysis **D)** Participating in an outreach project event.

3. SCOLARSHIPS

2023 – 2025: Master's scholarship on Postgraduate program in Ecology at UFSC.
2021 – 2022. Scientific initiation in Long-Term Biodiversity Monitoring Program on Brazilian Oceanic Islands (PELD ILOC).
2020 – 2021. Outreach project: Spreading Marine Biodiversity Knowledge (LBMM/UFSC).
2019 – 2020. Scientific initiation in Long-Term Biodiversity Monitoring Program on Brazilian Oceanic Islands (PELD ILOC).
2018. Monitor of "Invertebrate Zoology II" course in undergraduate biology degree at UFSC.
2016 – 2017. Outreach project: collaborative tree map from Trindade Campus of UFSC (LSV/UFSC).

4. SCIENTIFIC COMMUNICATION

Publication:

Tariel-Adam J, Toledo JG, O'Brien CE, Floeter SR & Brown C (2025) **Tool use by New World *Halichoeres* wrasses**, Coral Reefs 44, 791–807

Quimbayo JP, Nunes LT, Silva FC, … Toledo JG, … & Floeter SR (2025) **TimeFISH 2.0: Fish assemblages in a 18-year monitoring program**. Zenodo, datapaper.

Presentation:

Toledo JG, Mendes TC, Ferreira CEL & Floeter SR. **Upwelling and feeding of an omnivore damselfish: the relative contribution of benthic and pelagic resources.** In: III Brazilian Reef Congress (Encontro Recifal Brasileiro - EReBra), Niterói/RJ, 2024. Oral presentation, awarded with ***honorable mention***.

Toledo JG, Voelkel J, Nunes LT & Floeter SR. **Reef fish foraging patterns in rocky and biogenic reef microhabitats.** In: II Brazilian Reef Congress (Encontro Recifal Brasileiro - EReBra), 2021. Video presentation.

5. SCIENTIFIC OUTREACH

2024 – 2026 **UFSC: An Ocean of Knowledge (UFSC, um Oceano de Conhecimentos)**: Collaborator in a university-wide outreach initiative that brings together nine marine research laboratories to promote ocean literacy and marine science through partnerships with regional schools and environmental educational activities.

2019 – 2025 **Spreading Marine Biodiversity Knowledge (Popularização do conhecimento da biodiversidade marinha brasileira):** Outreach project dedicated to communicating scientific knowledge produced by our lab on the biology, ecology, evolution, and conservation of Brazilian reef fishes and reef environments. Activities include participating in science fairs and educational events with local schools, as well as developing digital content for social media platforms (@lbmm_ufsc; Fig. 2a).

2021 – 2022 **PELD ILOC – Long-Term Ecological Research in Oceanic Islands**: Science communication collaborator responsible for creating educational media on marine biodiversity of Brazilian oceanic islands. Tasks included content planning, copywriting, graphic design, and managing the project's social media platform (@peld_iloc; Fig. 2b).

A **B**

Figure 2 - Examples of didactic material produced to **A)** LBMM (@lbmm_ufsc) and **B)** PELD ILOC (@peld_iloc) social media.

6. TEACHING EXPERIENCE

Lectures in elementary school

In Fazenda school, at Florianópolis/SC – *Reef fish of Brazilian oceanic islands,* 2022
In Colégio de Aplicação, at Florianópolis/SC – Teaching internship, 2021

Lectures in secondary school

In Santa Catarina Federal Institute (IFSC) – Teaching internship, 2021

Lectures in undergraduate classes

Vertebrate Zoology I course in Biology program/UFSC – *Feeding Ecomorphology*, 2023

Nekton course in Oceanography program/UFSC – *Feeding Ecomorphology*, 2023

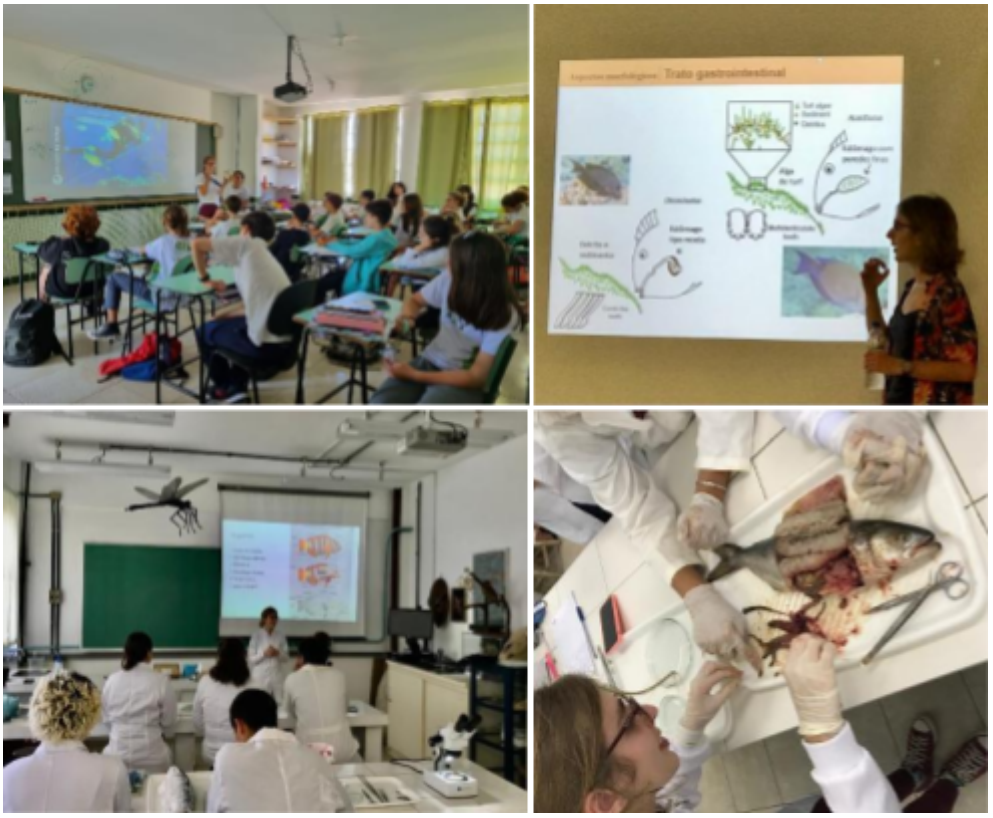


Figure 3 - Examples of lectures in elementary school (left on top), and in undergraduate classes on theoretical (right on top) and practical (above) lessons.

7. OTHER RELEVANT INFORMATION

Diving qualifications:

PADI Advanced Open Water Diver

Fieldwork experience

Florianópolis/SC: SCUBA underwater visual census, active search technique.

Bombinhas/SC: Active search technique.

São Sebastião/SP: Snorkel and SCUBA underwater visual census.

Arraial do Cabo/RJ: Feeding behavior survey, benthic composition quadrats, epilithic matrix algae sampling, plankton net sampling.

Volunteer work:

Mangroove Monitoring by Chico Mendes Institute for Biodiversity Conservation (ICMBio), Florianópolis/SC, 2022.

AtlantEco Port Call: Plankton and Plastisphere, with Tara (Fondation Tara Océan) and Veleiro Eco schooner (UFSC), Itajaí/SC, 2021.

Relevant training courses:

Monitoring of Targets in Reef Ecosystems (40h) - MONITORA program, Chico Mendes Institute for Biodiversity Conservation (ICMBio), Florianópolis/SC, 2025

Sun-coral Monitoring and Management in Arvoredo Biological Reserve (REBIO Arvoredo) and Surrounding Areas (4h) - Action plan for prevention and control of Sun-coral in REBIO Arvoredo and surrounding (PACS Arvoredo), Florianópolis/SC, 2025

Baited Remote Underwater Videos (BRUVs) in Reef Environments (3h) - Brazilian Reef Congress (EReBra), Niterói/RJ, 2024.

Languages:

Portuguese (native language),
English (advanced reading, intermediate speaking and writing),
Spanish (intermediate reading, basic speaking and writing).

Certified by the author in September 2025.