

Claudia Dessì

Research fellow, LABEM, Life and Environmental Sciences Department
University of Cagliari
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CURRENT POSITION

2020 Research fellow in the framework of the project FLAGS c/o Department Life and Environmental Sciences, University of Cagliari

BIO SKETCH

Born in Cagliari (Sardinia, Italy), Claudia received her Marine Bio-ecology master's degree from the University of Cagliari, in 2019.

During her BSc' she joined the Erasmus Student program c/o La Laguna University (Spain) and she did a traineeship in CEMDA, an NGO located in Mexico City (CEMDA) and in the Autonomous Metropolitan University (Mexico), in courtesy of Globus Placement project. During these periods, she deepened her knowledge on natural and marine sciences and the environmental protection from the anthropo-ecological point of view.

Additionally, she took part to a National Civil Service project, implementing and designing various projects focused on environmental education and awareness-raising.

With her MSc thesis practice c/o LABEM, she strengthens her interest and expertise on microplastics in deep-sea species.

Afterwards, she carried out two internships abroad, one of these, in Marine Ecology department in Bremen University (Germany), wherein she studied the eco-physiological effects of eutrophication, climate change and microplastics on Octocorals; and the other one in QAEHS, University of Queensland (Australia), in whom she delves into the techniques of quantification and characterization of microplastics in different matrices.

Nowadays, Claudia is a Research Fellow in LABEM, involved in FLAGS project, that is dedicated of marine litter studies, both macro- and microscopic (mainly microplastics).

She co-authored two peer-reviewed articles in the international science journals *Environmental Pollution* and *Environmental Science & Technology*. Therefore, she also participated in various workshops, congresses and symposiums and she is winner of the 1st place of the 2019' Degree Award in memory of the free-diving champions Rossana and Enzo Majorca.

EDUCATION

- 2019 **Master's Degree (MSc) in Marine bio-ecology**
University of Cagliari
Thesis title: "Microplastics in the gastro-intestinal tract of a commercial crustacean: the Norway lobster *Nephrops norvegicus* (Linnaeus, 1758)
Final grade: 110/110 summa cum laude
- 2016 **Bachelor's Degree (BSc) in Natural Sciences**
University of Cagliari
Thesis title: Analysis of taxonomical diversity levels in the south Sardinian' small islands
Final grade: 102/110
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TRAINING AND WORK EXPERIENCE

- 2019 Post-graduate internship "Globus Placement" c/o QAEHS Queensland Alliance for Environmental Health Sciences, University of Queensland (Australia)
- 2019 Post-graduate internship "Erasmus+ traineeship" c/o Marine Ecology Department, Universität Bremen (Germania)
- 2019 Collaboration in the workshop "International Day for Women and Girls in Science", University of Cagliari
- 2019 Curricular internship c/o Food Chemistry Laboratory, Life and Environmental Sciences Department, University of Cagliari
- 2017-18 Curricular internship for MSc thesis c/o LABEM, Life and Environmental Sciences Department, University of Cagliari
- 2018 Curricular internship c/o Zoology Laboratory for MEDITS research project, Life and Environmental Sciences Department, University of Cagliari
- 2015-16 National Civil service based on environmental monitoring, education and awareness c/o Municipal Police of Pula (Cagliari)
- 2014 Curricular internship "Globus Placement" c/o CEMDA, Centro Mexicano de Derecho Ambiental e UAM, Universidad Autonoma Metropolitana (Mexico)
- 2013 Visitor student "Erasmus studio" c/o Universidad de La Laguna (Spagna)
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PEER REVIEWED ARTICLES

2020

Cau Alessandro, Avio Carlo Giacomo, **Dessi` Claudia**, Moccia Davide, Regoli Francesco, Pusceddu Antonio, Cannas Rita, Follesa Maria Cristina (2020). Benthic crustacean digestion can modulate environmental fate of microplastic in the deep sea. **ENVIRONMENTAL SCIENCE & TECHNOLOGY**.

2019

Cau Alessandro, Avio Carlo Giacomo, **Dessi` Claudia**, Follesa Maria Cristina, Moccia Davide, Regoli Francesco, Pusceddu Antonio. Microplastic in the crustaceans *Nephrops norvegicus* and *Aristeus antennatus*: flagship species for deep-sea environments? **ENVIRONMENTAL POLLUTION**.

OTHER SCIENTIFIC ACTIVITIES

- OCTOBER 2019 **Dessi` C.** (Supervised by Okoffo E.D., O'Brien J., Thomas K.). Trying to improve the quantification of plastic intake in wildlife and human food. School of Pharmacy-QAEHS 1ST Annual Student Research Symposium (The University of Queensland)
- JUNE 2019 Collaboration on the orienting event c/o Marine Ecology Department (UFT), Universität Bremen. How corals respond to environmental stressors?
- JUNE 2019 Cau Al., Avio C. G., Regoli F., **Dessi` C.**, Follesa M. C., Moccia D. & Pusceddu A. Microplastic ingestion in the gourmet crustacean *Aristeus antennatus* (Risso, 1816). XXIII Congress of The Italian Association of Oceanology and Limnology (AIOL)
- SEPTEMBER 2018 Cau Al., Avio C. G., Regoli F., **Dessi` C.**, Follesa M. C., Moccia D. & Pusceddu A. Gourmet food in the Plastic Era: Microplastic ingestion in *Nephrops norvegicus* and *Aristeus antennatus*. XXVIII Congress of Italian Society of Ecology
- SEPTEMBER 2018 Collaboration on Sharper - European Researchers' Night 2018 c/o LABEM UniCA in Blu