

## Luca Palazzo



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**Current Position:** Post Doc.

Supervisor: Paolo Guidetti

Appointed on project: MARECO

**Affiliation:**

Section IME, Stazione Zoologica Anton Dohrn, Napoli (Italy)

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Master of Marine Science and Management, The University of Sydney	Master	2014-2015	Marine Science
Ecology and Sustainable Management of Natural Resources, The University of Tuscia	Ph.D.	2017-2021	Marine Ecology

### Publications

Author of 15 publications on ISI-journals, 1 non-ISI and 5 communication reports with Impact Factor

*List of publications of the last 10 years:*

1. Camedda A., Matiddi M., Vianello A., Coppa S., Bianchi J., Silvestri C., **Palazzo L.**, Massaro G., Atzori F., Ruiu A., Piermarini R., Cocumelli C., Briguglio P., Hochscheid S., Brundu R., de Lucia G.A., **2022**. Polymer composition assessment confirms prevalence of single-use plastics among

- items ingested by loggerhead sea turtles in the Western Mediterranean sub-region. *Environmental Pollution*. <https://doi.org/10.1016/j.envpol.2021.118274> JIF: 9.988
2. **Palazzo L.**, Coppa S., Camedda A., Cocca M.C., De Falco F., Vianello A., Massaro G., de Lucia A.G., **2021**. A novel approach based on multiple fish species and water column compartments in assessing vertical microlitter distribution and composition. *Environmental Pollution*, 272, 116419. <https://doi.org/10.1016/j.envpol.2020.116419> JIF: 9.988
  3. Coppa S., Pronti A., Massaro G., Brundu R., Camedda A., **Palazzo L.**, Nobile G., Pagliarino E., de Lucia G.A., **2021**. Fishery management in a Marine Protected Area with compliance gaps: socio-economic and biological insights as a first step on the path of sustainability. *Journal of Environmental Management*, 280, 111754. <https://doi.org/10.1016/j.jenvman.2020.111754> JIF: 8.910
  4. Camedda A., Coppa S., **Palazzo L.**, Marra S., Massaro G., Serrentino F., Vencato S., Brundu R., de Lucia G.A., **2021**. Characterization and Assessment of Micro and Macroscopic Litter in Sardinian Beaches (Western Mediterranean Sea). *Water Air Soil Pollution*, 232, 41. <https://doi.org/10.1007/s11270-021-04993-9> JIF: 2.984
  5. Tsangaris C., Digka N., Valente T., Aguilar A., Borrell A., de Lucia G.A., Gambaiani D., Garcia-Garin O., Kaberi H., Martin J., Maurino E., Miaud C., **Palazzo L.**, del Olmo A.P., Raga J.A., Sbrana A., Silvestri C., Skylaki E., Vighi M., Wongdontree P., Matiddi M., **2020**. Using *Boops boops* (osteichthyes) to assess microplastic ingestion in the Mediterranean Sea. *Marine Pollution Bulletin*, 158. <https://doi.org/10.1016/j.marpolbul.2020.111397> JIF: 7.001
  6. Sbrana A., Valente T., Scacco U., Bianchi J., Silvestri C., **Palazzo L.**, de Lucia G. A., Valeriani C., Ardizzone G., Matiddi M., **2020**. Spatial variability and influence of biological parameters on microplastic ingestion by *Boops boops* (L.) along the Italian coasts (Western Mediterranean Sea). *Environmental pollution*, 263, 114429. <https://doi.org/10.1016/j.envpol.2020.114429>
  7. Valente T., Sbrana A., Jacomini C., Silvestri C., Scacco U., **Palazzo L.**, de Lucia G. A., Bianchi J., Matiddi M., **2019**. Exploring microplastic ingestion by three deep-water elasmobranch species: a case study from the Tyrrhenian Sea. *Environmental pollution*, 253, 342-350. <https://doi.org/10.1016/j.envpol.2019.07.001>
  8. Graham P., **Palazzo L.**, de Lucia G. A., Baroli M., Trevor T., Carboni S., **2019**. Microplastics Uptake and Egestion Dynamics in Pacific Oysters, *Magallana gigas* (Thunberg, 1793), Under Controlled Conditions. *Environmental pollution*; 252, 742-748. <https://doi.org/10.1016/j.envpol.2019.06.002>
  9. Bray L., Tsangaris C., del Olmo A.P., Silvestri C., de Lucia G.A., Raga J.A., Digka N., **Palazzo L.**, Camedda A., Matiddi M., Gambaiani D., Kaberi E., Miaud C., **2018**. Determining suitable fish to monitor plastic ingestion trends in the Mediterranean Sea. *Environmental Pollution*, 247, 1071-1077. <https://doi.org/10.1016/j.envpol.2019.01.100>
  10. de Lucia G.A., Vianello A., Camedda A., Vani D., Tomassetti P., Coppa S., **Palazzo L.**, Amici M., Romanelli G., Zampetti G., Cicero A.M., Carpentieri S., Di Vito S., Matiddi M., **2018**. Sea Water Contamination in the Vicinity of the Italian Minor Islands Caused by microplastic pollution. *Water*, 10, <https://doi.org/10.3390/w10081108> JIF: 3.530

### ***Publications without Impact Factor:***

1. Camedda A., Arculeo M., Hochscheid S., Lucchetti A., Filiciotto F., Maffucci F., Pari S., Buscaino G., Papale E., Furi G., Caracappa S., Persichetti M.F., Gentile A., **Palazzo L.**, Mazzola A., de Lucia G.A., **2017**. Frequentation areas of the loggerhead sea turtle *Caretta caretta* (Linnaeus, 1758), in Italian Seas within the Marine Strategy. *Biologia Marina Mediterranea*, 24(1): 136-137.

### ***Communication Reports with Impact Factor:***

1. Matiddi M., Pham C.K., Anastasopoulou A., Andresmaa E., Avio C.G., Bianchi J., Chaieb O., Darmon G., de Lucia G.A., Deudero S., Doğan S., Eriksson J., Fischer E., Gómez M., Herrera A., Hattia E., Kaberi H., Kaska Y., Kühn S., Lips I., Miaud C., Nelms S., **Palazzo L.**, Piermarini R., Regoli F., Sbrana A., Setälä O., Soederberg L., Tomás J., Tsangaris C., Vale M., Valente T., Silvestri C., **2021**. Monitoring Micro-Litter Ingestion in Marine Fish: a harmonized protocol for MSFD and RSCs areas in: Guidance on Monitoring of Marine Litter in European Sea. Luxembourg Publication Office of the European Union. [https://accedacris.ulpgc.es/bitstream/10553/114417/1/Report\\_Monitoring-microlitter-ingestion-in-marine-fish.pdf](https://accedacris.ulpgc.es/bitstream/10553/114417/1/Report_Monitoring-microlitter-ingestion-in-marine-fish.pdf)
2. Bessa F., Frias J., Kogel T., Lusher A., Andrade J. M., Autunes J., Sobral P., Pagter E., Nash R., O'Connor I., Pedrotti M. L., Kerros M. E., Leon V., Tirelli V., Suaria G., Lopes C., Raimundo J., Caetano M., Gago J., Vinas L., Carretero O., Magnusson K., Grnberg M., Dris R., Fisher M., Scholz-Bottcher B., Muniategui S., Grueiro G., Fernandez V., **Palazzo L.**, Andrea de Lucia G., Camedda A., Avio C. G., Gorbi S., Pittura L., Regoli F., Gerdts G., **2019**. Harmonized protocol for monitoring microplastics in biota. JPI-Oceans BASEMAN project. [10.13140/RG.2.2.28588.72321/1](https://doi.org/10.13140/RG.2.2.28588.72321/1)
3. Gago J., Filgueiras A., Pedrotti M. L., Suaria G., Tirelli V., Andrade J., Frias J., Nash R., O'Connor I., Lopes C., Caetano M., Raimundo J., Carretero O., Vinas L., Autunes J., Bessa F., Sobral P., Gorruppi A., Aliani S., **Palazzo L.**, Andrea de Lucia G., Camedda A., Muniategui S., Grueiro G., Fernandez V., Gerdts G., **2018**. Standardised protocol for monitoring microplastics in seawater. JPI-Oceans BASEMAN project. [10.13140/RG.2.2.14181.45282](https://doi.org/10.13140/RG.2.2.14181.45282)
4. Frias J., Pagter E., Nash R., O'Connor I., Carretero O., Filgueiras A., Vinas L., Gago J., Autunes J., Bessa F., Sobral P., Gorruppi A., Tirelli V., Pedrotti M. L., Suaria G., Aliani S., Lopes C., Raimundo J., Caetano M., **Palazzo L.**, Andrea de Lucia G., Camedda A., Muniategui S., Grueiro G., Fernandez V., Andrade J., Dris R., Laforsch C., Scholz-Bottcher B. M., Gerdts G., **2018**. Standardised protocol for monitoring microplastics in sediments. JPI-Oceans BASEMAN project. [10.13140/RG.2.2.36256.89601/1](https://doi.org/10.13140/RG.2.2.36256.89601/1)
5. **Palazzo L.**, Wolfe K., Byrne M., **2016**. *Discovery and description of Stichopus herrmanni* juvenile nursery sites on Heron Reef, Great Barrier Reef. *SPC Beche-de-mer Information Bulletin*, number 36. <http://www.spc.int/coastfish/en/component/content/article/457-beche-de-mer-information-bulletin-36.html>