

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **TOMMASO RUSSO**

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Nationality Italian

Date of Birth 27/11/1976

Gender male

WORK EXPERIENCE

- Dates (from - to) November 2019 - today
- Name and address of the employer University of Rome Tor Vergata – Department of Biology
- Type of business or sector Academic
- Occupation or position held **Associate professor – Ecology (BIO/07)**
- Main activities and responsibilities Teaching; Research; Funding; Administration (Member of the Academic Senate)

- Dates (from - to) November 2016 – November 2019
- Name and address of the employer University of Rome Tor Vergata – Department of Biology
- Type of business or sector Academic
- Occupation or position held **Tenure-Track Researcher – Ecology (BIO/07)**
- Main activities and responsibilities Teaching; Research; Funding

- Dates (from - to) February 2015 – July 2015
- Name and address of the employer FAO
- Type of business or sector NGO
- Occupation or position held **Consultant - Fisheries (Ecological modelling)**
- Main activities and responsibilities Research; Management

EDUCATION AND TRAINING

- Dates (from - to) 2001–2005
- Name and type of organisation providing education and training University of Rome Tor Vergata – Department of Biology
- Principal subjects/occupational skills covered Fish development; feeding ecology; aquaculture; ecological modelling
- Title of qualification awarded **Doctor of Philosophy in Evolutionary Biology and Ecology**

- Dates (from - to) 1995 – 2001

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

University of Rome Tor Vergata – Department of Biology

Feeding ecology of fish larvae in semi-intensive aquaculture system

Master Degree in Biological Sciences

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Research interests (5 Key words): marine ecology; fisheries science; pollution; sustainability; ecological modelling.
- Author of more than 60 publication on Scientific Journals.
- Lecturer of 10 academic courses or modules since 2006 (i.e. Ecology, Marine Biology).
- Organization and Communication at national and international congresses.
- Supervisor of more than 20 university theses (three-year, specialist and master's); guiding teacher and co-rapporteur of 6 doctoral theses.
- Invited Expert at several Working Groups of STECF, JRC, European Commission, FAO, GFCM.

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- Italian National Focal Point for the FAO AdriaMed Project. <http://www.faoadriamed.org/>
- Chair of the ICES Review group RGTRADE3 following the request by the European Commission to deliver “advice on a set of management options to reduce the impact of mobile bottom contacting fishing gears on seafloor habitats, and for each option provide a trade-off analysis between fisheries and the seafloor”
- Panelist for the Natural Environment Research Council (NERC) and the Economic and Social Research Council (ESRC) within the Sustainable Management of UK Marine Resources research programme <https://nerc.ukri.org/research/funded/programmes/marine-resources/>
- Involved as reviewer for more than 20 International ISI Journals including: Science, Nature Communications, ICES Journal of Marine Science, Biological Journal of the Lynnean Society, Hydrobiologia, Journal of Sea Research, and Deep Sea Reserch Part II: Topical Studies in Oceanography
- Involved as invited expert in several Expert Working Groups of the Scientific, Technical and Economic Committee for Fisheries (STECF - <https://stecf.jrc.ec.europa.eu/>)
- Teaching activity
 - o Class of Ecology - First level Master Degree in Biological Science - Department of Biology - University of Rome Tor Vergata
 - o Class of Informatics Methods for Biology - Second level Master Degree in Evolutionary Biology, Ecology and Applied Anthropology
 - o Class of Ecology - Second level Master Degree in Health and safety sciences - Department of Biomedicine and Prevention, University of Rome Tor Vergata
 - o Class of Fisheries Biology and Aquaculture - Second level Master Degree in Evolutionary Biology, Ecology and Applied Anthropology
- Main research projects:
 - o MAREA Project - tenders MARE/2009/05 - LOT 1 – Mediterranean (<http://mareaproject.net/contracts/10/overview/>) - Task 4.2 Coordinator: Development of a statistical spatial approach for the identification of stocks and related boundaries
 - o Flag Project RITMARE – WP2 AZ2 (<http://www.ritmare.it/>) - Action Leader: Modelling of commercial stocks with particular emphasis to the role of fishing effort by VMS data
 - o MANTIS: Marine protected Areas Network Towards Sustainable fisheries in the Central Mediterranean - European Commission , DG MARE Agreement number – SI2 - 721911WP Role: Leader Modelling of spatial interaction between target species and fisheries including connectivity among Marine Managed Areas. <http://jadran.izor.hr/mantis/index.html>

- H2020 Research Project MINOUW Applying science, innovation and partnership to reduce discards in European fisheries. <http://minouw-project.eu/>
- ABIOMMED – Support coherent and coordinated assessment of biodiversity and measures across Mediterranean for the next 6-year cycle of the MSFD implementation. https://ec.europa.eu/environment/marine/projects/index_en.htm

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PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 59
- TOTAL NUMBER OF CITATIONS: 1179
- H-INDEX: 20

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. Franceschini, S., Cau, A., D'Andrea, L., Follesa, M. C., & Russo, T. (2021). Eating Near the Dump: Identification of Nearby Plastic Hotspot as a Proxy for Potential Microplastic Contamination in the Norwegian Lobster (*Nephrops norvegicus*). *Frontiers in Marine Science*, 8. <https://doi.org/10.3389/fmars.2021.682616>
2. Russo, T., Maiello, G., Talarico, L., Baillie, C., Colosimo, G., D'Andrea, L., Maio, F. D., Fiorentino, F., Franceschini, S., Garofalo, G., Scannella, D., Cataudella, S., & Mariani, S. (2021). All is fish that comes to the net: metabarcoding for rapid fisheries catch assessment. *Ecological Applications*, 31(2). <https://doi.org/10.1002/eap.2273>
3. D'Andrea, L., Parisi, A., Fiorentino, F., Garofalo, G., Gristina, M., Cataudella, S., & Russo, T. (2020). smart R: An R package for spatial modelling of fisheries and scenario simulation of management strategies. *Methods in Ecology and Evolution*, 11 (7), 859–868. <https://doi.org/10.1111/2041-210x.13394>
4. Casabianca, S., Capellacci, S., Ricci, F., Andreoni, F., Russo, T., Scardi, M., & Penna, A. (2020). Structure and environmental drivers of phytoplanktonic resting stage assemblages in the central Mediterranean Sea. *Marine Ecology Progress Series*, 639, 73–89. <https://doi.org/10.3354/meps13244>
5. Russo, T., D'Andrea, L., Franceschini, S., Accadia, P., Cucco, A., Garofalo, G., Gristina, M., & al., et. (2019). Simulating the Effects of Alternative Management Measures of Trawl Fisheries in the Central Mediterranean Sea: Application of a Multi-Species Bio-economic Modeling Approach. *Frontiers in Marine Science*, 6. <https://doi.org/10.3389/fmars.2019.00542>
6. Paradis, S., Pusceddu, A., Masqué, P., Puig, P., Moccia, D., Russo, T., & Iacono, C. L. (2019). Organic matter contents and degradation in a highly trawled area during fresh particle inputs (Gulf of Castellammare, southwestern Mediterranean). *Biogeosciences*, 16(21), 4307–4320. <https://doi.org/10.5194/bg-16-4307-2019>
7. Russo, T., Carpentieri, P., D'Andrea, L., Angelis, P. D., Fiorentino, F., Franceschini, S., Garofalo, G., Labanchi, L., Parisi, A., Scardi, M., & Cataudella, S. (2019). Trends in Effort and Yield of Trawl Fisheries: A Case Study From the Mediterranean Sea. *Frontiers in Marine Science*, 6. <https://doi.org/10.3389/fmars.2019.00153>
8. Amoroso, R. O., Pitcher, C. R., Rijnsdorp, A. D., McConnaughey, R. A., Parma, A. M., Suuronen, P., Eigaard, O. R., Bastardie, F., Hintzen, N. T., Althaus, F., Baird, S. J., Black, J., Buhl-Mortensen, L., Campbell, A. B., Catarino, R., Collie, J., Cowan, J. H., Durholtz, D., Engstrom, N., . . . Jennings, S. (2018). Bottom trawl fishing footprints on the world's continental shelves. *Proceedings of the National Academy of Sciences*, 115(43), E10275–E10282. <https://doi.org/10.1073/pnas.1802379115>
9. Eigaard, O. R., Bastardie, F., Hintzen, N. T., Buhl-Mortensen, L., Buhl-Mortensen, P., Catarino, R., Dinesen, G. E., Egekvist, J., Fock, H. O., Geitner, K., Gerritsen, H. D., González, M. M., Jonsson, P., Kavadas, S., Laffargue, P., Lundy, M., Gonzalez-Mirelis, G., Nielsen, J. R., Papadopoulou, N., . . . Rijnsdorp, A. D. (2016). The footprint of bottom trawling in European waters: distribution, intensity, and seabed integrity. *ICES Journal of Marine Science*, 74(3), 847–865. <https://doi.org/10.1093/icesjms/fsw194> Lucchetti, A., Pulcinella, J., Angelini, V., Pari, S., Russo, T., & Cataudella, S. (2016). An interaction index to predict turtle bycatch in a Mediterranean bottom trawl fishery. *Ecological Indicators*, 60, 557–564. <https://doi.org/10.1016/j.ecolind.2015.07.007>
10. Russo, T., Parisi, A., Garofalo, G., Gristina, M., Cataudella, S., & Fiorentino, F. (2014). SMART: A Spatially Explicit Bio-Economic Model for Assessing and Managing Demersal Fisheries, with an Application to Italian Trawlers in the Strait of Sicily. *Plos One*, 9(1). <https://doi.org/10.1371/journal.pone.0086222>

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Rome, 30.01.2022

Signature

