

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

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 Nationality Italian  
 Date of Birth 1/11/1976  
 Gender Male

WORK EXPERIENCE

- Dates (from - to) 1 December 2023 – ongoing – Determina Direttore Generale n. 452 del 30/06/2025
  - Name and address of the employer Stazione Zoologica Anton Dohrn, Napoli (Italy) – Department of Integrative Marine Ecology (until December 2025) and Department of Marine Animal Conservation and Public Engagement (now)
  - Type of business or sector Scientific research
    - Occupation or position held **Senior Researcher (II professional level)**
    - Main activities and responsibilities Scientific research on ecology and evolution and science communication
  
- Dates (from - to) 1 October 2018 – 31 December 2022 – Protocollo n°5500/B3 03/10/2018
  - Name and address of the employer Stazione Zoologica Anton Dohrn, Napoli (Italy) – Department of Integrative Marine Ecology
  - Type of business or sector Scientific research
    - Occupation or position held **Researcher (III professional level)**
    - Main activities and responsibilities Scientific research on marine ecology and evolution
  
- Dates (from - to) 1 January 2013 – 30 September 2018
  - Name and address of the employer Stazione Zoologica Anton Dohrn, Napoli (Italy) – Department of Integrative Marine Ecology -
  - Type of business or sector Scientific research
    - Occupation or position held **Post Doc – research fellowship**
    - Main activities and responsibilities Research on marine ecological networks, biotic interactions, trophic webs,
  
- Dates (from - to) 1 April 2009 – 16 May 2012
  - Name and address of the employer Fondazione Edmund Mach, S. Michele all'Adige (TN; Italy) -
  - Type of business or sector Scientific research
    - Occupation or position held **Post Doc – research fellowship**
    - Main activities and responsibilities Molecular ecology of cyanobacteria, microalgal culturing techniques, applied phyecology

- Dates (from - to) 1 April 2008 – 30 March 2009
- Name and address of the employer Università della Campania (previously know as Seconda Università di Napoli), Caserta (Italy) with funds from Accademia Nazionale dei Lincei Roma (Italy), Borsa di Ricerca Lina Rizzo - Protocollo n° SC/58/08
- Type of business or sector Scientific research
- Occupation or position held **Post Doc – research fellowship**
- Main activities and responsibilities Research on community ecology of marine benthic diatoms, biotic interactions
  
- Dates (from - to) 1 June 2005 – 31 March 2008
- Name and address of the employer Stazione Zoologica Anton Dohrn, Napoli (Italy) - protocolli n° 1791/C5 del 31/5/2005 e n° 1241/B6 del 3/5/2006
- Type of business or sector Scientific research
- Occupation or position held **Postgraduate – research fellowship**
- Main activities and responsibilities Physiology, ecology, genetic diversity and life cycles of diatoms, biological modelling
  
- Dates (from - to) 1 June 2004 – 31 November 2004
- Name and address of the employer Stazione Zoologica Anton Dohrn, Napoli (Italy) - Disposizione del Direttore Generale SZN DD 88 del 24/05/2004
- Type of business or sector Scientific research
- Occupation or position held Isolation and culturing of dinoflagellates, morphological and genetic characterization, management of mass-cultures
- Main activities and responsibilities **Postgraduate – laboratory technician**

## EDUCATION AND TRAINING

- Dates (from - to) 1 March 2005 – 31 March 2008
- Name and type of organisation providing education and training University of Messina (Italy) - Protocollo n° 103
- Principal subjects/occupational skills covered Physiology, ecology, genetic diversity and life cycles of diatoms, biological modelling
- Title of qualification awarded **Doctorate in Algal Biology and Plankton Ecology and Evolution**
  
- Dates (from - to) 1995 - 2003
- Name and type of organisation providing education and training Università di Napoli Parthenope (Italy) - Protocollo n° CE20040106005000138
- Principal subjects/occupational skills covered Final evaluation: 110/100 cum laude  
Biological oceanography; ecology and evolution of plankton
- Title of qualification awarded **Graduate in Marine Environmental Science (Master's Degree)**

## ATTENDED COURSES AND FORMATIVE EXPERIENCES

- 26 May-23 June 2022: Stazione Zoologica's course in science communication techniques
- 30 September-2 October 2016: Formative workshop in science journalism at University of Ferrara (Italy)
- 8-10 April 2016: Formative masterclass FameLab 2016 in science communication, Perugia (Italy)
- 11-15 July 2011: Formative workshop "Mutagenisation workshop on the toxigenic cyanobacterium Planktothrix", Institute for Limnology, Austrian Academy of Sciences, Technology Center, Mondsee, Austria
- 5-8 July 2009: Theoretical-practical summer school Laboratorio di Ecologia Microbica, dalla Teoria alla Pratica (microbial ecology course), Verbania-Pallanza
- 14-26 August 2006: NATO Summer School Climate Change Impact on Marine Ecosystems, Middle East Technical University Ankara, Turkey
- 21-31 January 2006: Oceanographic campaign on the R/V Urania in the Adriatic Sea

## VISITS TO RESEARCH INSTITUTIONS

- 17-20 March 2014: Swiss Federal Institute of Aquatic Science and Technology (EAWAG Aquatic Research), Theoretical Evolutionary Ecosystem Ecology Lab head by Dr. Carlos Melian – Center for Ecology, Evolution and Biogeochemistry (Kastanienbaum, Svizzera)

- 9-19 March 2007: CSIC-IMEDEA, Esporles (Mallorca, Spain) – tutor: S. Agusti & C.M. Duarte – funded by the Mobility Programme of EurOceans Network of Excellence, Title of the project: “Detection of phytoplankton cell viability”

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE  
OTHER LANGUAGES

ITALIAN  
ENGLISH (B2 LEVEL)

RESEARCH, TEACHING,  
AND SOFT SKILLS  
AND COMPETENCES

*Research interests (5 Keywords):* plankton, evolutionary ecology, food webs, socio-ecological systems, science communication

*Abilitazione Scientifica Nazionale:* Associate professor in Botany (Italian SSD BIO01) (31/05/2021) and Ecology (Italian SSD BIO07) (10/06/2021)

*Mentoring:* Lecturer of 3 academic courses since 2008 (i.e., Marine Biology, Water Resources and Waste Management, Marine Plant Biodiversity, respectively, at Università della Campania, Bocconi University Milano, Università Federico II Napoli); Lecturer in 3 advanced training courses (II level, at Università Federico II Napoli, and SISSA Trieste) and 2 international summer schools since 2008; Supervisor of 3 PhD theses (2 completed), 2 university theses (master's, completed), and 5 university apprenticeship (Italian, “*tirocinio curriculare*”, all completed); Supervisor of 5 post-graduate and 2 post-doc fellowship since 2018.

*Dissemination:* Chair of 2 national congresses; Symposium chair in 1 international Congress; Member of the Scientific Committee of 5 national congresses; presenter in >30 among national and international congresses; 2 invited talks in national congresses; and 9 invited institutional talks among Italian and foreign scientific institutions.

*Scientific publishing roles:* Editorial Board Member of Community Ecology (Springer-Nature) since 2021; Referee for several international journals, including Limnology & Oceanography, Limnology & Oceanography Letters, Ecological Indicators, Frontiers in Marine Science, Frontiers in Sustainable Tourism, Sustainability, Plos One, Scientific Reports, Progress in Oceanography, BMC Evolutionary Biology, Protist, Journal of Microbiological Methods, FEMS Microbiology Ecology, Hydrobiologia, Phycologia, Botany-Botanique, Plant Biosystems, Phytotaxa, Advances in Oceanology and Limnology, Community Ecology, etc.

*Outreach:* Collaborations with NGOs and artists in outreach projects; in the frame of informal science communication events, up to ~7000 non-expert people engaged in person including schools at any education level, school professors, undergraduate students, and the non-expert public in general so far; plus ~10,000 people engaged remotely; collaboration with Italian editorial offices and media partners, like *La Nuova Ecologia* and *Scienza in rete*, my outreach products have an yearly averaged engagement of ~20,000 non-expert people since 2016.

PROFESSIONAL ACHIEVEMENTS  
AND SERVICES  
(inverse chronological order)

2024-2025: **Coordinator of the Long-Term Ecological Research site MareChiara** in the Gulf of Naples (<https://deims.org/0b87459a-da3c-45af-a3e1-cb1508519411>).

2023-ongoing: **Coordinator of the EU-funded project “BIOMARCS / Reknottng Marine Biodiversity – Full description: Integrating biodiversity monitoring and awareness-raising in coastal peripheries, by engaging citizen-science sailors as focal nodes in the process of local community empowerment”** as a Sub-grantee of the H2020 “IMPETUS: setting a citizen science innovation programme for exploring innovative funding schemes and boosting recognition” <https://cordis.europa.eu/project/id/101058677>; Grant agreement ID: 101058677 (2022-2026).

2023-ongoing: **Reference person of the Memorandum of Understanding** among Stazione Zoologica, the Association Cilento a Vela and the Municipality of Camerota, to cooperate on citizen science and outreach projects.

2023-ongoing: **Member of the Working Group Ocean Literacy** of the Italian Oceanographic Commission.

2023-ongoing: **Member of the Working Group Marine Assessment** of the Italian Oceanographic

Commission.

2022- ongoing: **Task coordinator in the EU-funded project** *Marine Biodiversity Assessment and Prediction Across Spatial, Temporal and Human Scales* (BIOcean5D), Grant agreement ID: 101059915, 2022-2026.

2022-ongoing: **Sub-tasks coordinator** in the Next-Generation EU-funded Italian project *National Biodiversity Future Center*– in science communication “Spoke 7”.

2022: **Co-PI in the Oceanographic Cruise S4GES** in the North Sea, 9-15 July 2022  
<https://www.jpi-oceans.eu/science-good-environmental-status-s4ges>).

2022- ongoing: **Coordinator of the International Working Group** “*Trophic Webs*” in the JPI-Oceans initiative *Science for Good Environmental Status* (S4GES).

2021-ongoing: **Coordinator of the Working Group** “*Valorisation and publication*” of the Long-Term Ecological research programme MareChiara in the Gulf of Naples (Italy).

2021-ongoing: **Coordinator of the International Working Group** “*Knowledge Transfer & Capacity Building*” in the United Nations Ocean Decade programme “*SciNMeet - The Science We Need for the Mediterranean Sea We Want*”.

2021-ongoing: **Member of the Science Dissemination and Outreach Committee** of Stazione Zoologica Anton Dohrn, SZN President decree no. 104 (4 October 2020).

2021-ongoing: **Member of the Italian Oceanographic Commission**, as a reference person for Stazione Zoologica in charge for SZN President decree no. 115 (13 November 2020).

2021-ongoing: **Member of the technical-scientific committee of Marine Protected Area** “Cinque Terre”, Province of La Spezia (Italy), MPA President decree no. 8 (21 June 2021).

2024-ongoing: **President of the Italian Association of Oceanology and Limnology (AIOL).**

2020-2023: **Vice president of the Italian Association of Oceanology and Limnology (AIOL).**

2020-2023: **WP leader in the national project** *Innovazione, sviluppo e sostenibilità nel settore della pesca e dell’acquacoltura per la Regione Campania* (PO FEAMP-ISSPA); main role: coordinating oceanographic and ecological research aimed at producing vocational maps for the establishment of coastal aquaculture plants.

2020-2021: **Scientific advisor of science-art exhibitions at national level:**

- *Microceano* (various artists) Miramare Marine Protected Area Trieste
- *Microsfera PE* (Emiliano Stella artist), Palazzo delle Arti di Napoli;

2019: **Participation to Oceanographic cruise** in the frame of “*Mission Microplastiques 2019 – Tara Oceans*” on board S/V Tara, Tyrrhenian Sea, 7-12 September 2019

2019-ongoing: **Formal team member of 5 European Union’s Horizon 2020** projects:

- 2022-2026 *Observing and Mapping Marine Ecosystems – Next Generation Tools* (OBAMA-NEXT), Grant agreement ID: 101081642;
- 2022-2026 *Marine Coastal Biodiversity Long-Term Observations* (MARCO-BOLO), Grant agreement ID: 101082021;
- 2020-2024 *Atlantic ECOsystems assessment, forecasting & sustainability* (AtlantECO), grant agreement ID: 862923;
- 2020-2024 *Technologies for Ocean Sensing TechOceanS* (TechOceanS), grant agreement ID: 101000858;
- 2019-2023 *Improving and Integrating European Ocean Observing and Forecasting Systems for Sustainable use of the Oceans* (EuroSea), grant agreement ID: 862626.

2019-2021: **Co-coordinator of the Augmented Marine Observatory** “NEREA” in the Gulf of Naples (Italy), <https://www.nerea-observatory.org/>.

2019-ongoing: **Vice coordinator of the institutional project** *InSEA Project: Initiatives in Supporting the consolidation and enhancement of the EMSO infrastructure and related Activities*, SZN Administration Council decree no. 8 (27 February 2019).

2018-2021: **Co-principal investigator (work package leader) in the international project** *Diatom life cycles, molecular controls, and contribution to ecosystem dynamics (DISCO)*, Moore Foundation (grant agreement #7978)

2016-2026: **Member of several evaluation commissions**, specifically, in 16 public concourses for research fellowships at Stazione Zoologica, 3 doctoral theses (2 at Stazione Zoologica and 1 at University of Trieste), 3 international projects (funded by National Science Center Poland, NIWA - Climate, Freshwater & Marine Science New Zealand, and National Science Foundation USA).

2016-2018: **Coordinator of the scientific outreach project** *RAP for Public Engagement with Aquatic Research and Science (RAPPERS)*, funded by Global Outreach Initiative 2016 Award, Association for the Sciences of Limnology and Oceanography (<https://www.aslo.org/opportunities-in-aslo/global-opportunities-initiative/>).

2016-ongoing: **Member of the presidency council of the Italian Association of Oceanology and Limnology (AIOL)**.

2016-2025: **Member of the Working Group** "Science Communication" of Long-Term Ecological Research Italian network, <http://www.lteritalia.it/?q=content/organizzazione>.

## AWARDS

- SZN Aldo Fasolo prize for the best publication by a non-staff scientist for the paper "Clonal expansion behind a marine diatom bloom", Ruggiero M.V. & D'Alelio et al. *The ISME Journal* (2018) 12: 463-472.
- Best posters award at EMBO/EMBL Symposium: A new age of discovery for aquatic microeukaryotes, EMBL Heidelberg, Germany, 26-29 January 2016
- National prize for young researchers "best scientific paper published by a young member of "A.I.O.L." (Italian Association of Oceanology and Limnology)" for "The time for sex: a biennial life cycle in a marine planktonic diatom", D'Alelio D. et al., *Limnology and Oceanography* (2010) Vol. 55, pages 106-114.
- National prize for young researchers "Premio Roberto Marchetti", conferred by SIE (Italian Society of Ecology) for the contribution "Population biology of planktonic microbes: chaos, synchrony and a new perspective from a biennial diatom" presented at XIX Congresso della Società Italiana di Ecologia: Dalle vette alpine alle profondità marine, 15-18 September 2009, Bolzano (Italy).
- Research prize (and fund) "Borsa di specializzazione per gli studi in planctologia Lina Rizzo", by Accademia Nazionale dei Lincei Roma, 2008.

## PUBLICATION INDEXES (on 4 February 2026)

TOTAL NUMBER OF SCIENTIFIC PUBLICATIONS (Peer-reviewed): 60  
H-INDEX. Google Scholar: 24; i-INDEX: 34  
TOTAL NUMBER OF CITATIONS. Google Scholar: 3865

1. Bellardini D, De Luca D, Russo L, Calicchio R, Castracani C, Luca PD, Capua ID, Massimi F, Raggio A, Riccardi A, Vannini J., Attanasio G, Vassallo P, Sandulli R, Signore M, Dattolo E, **D'Alelio D** (2025) Marine Biodiversity in a Coastal Periphery Revealed by a Community-Based Monitoring Approach Integrating Citizen Science and Environmental DNA Metabarcoding. *Environments*. Dec 5;12(12):474. <https://doi.org/10.3390/environments12120474>
2. Mucko M, Russo L, Matek A, Grgurević F, Pestorić B, Achterberg EP, **D'Alelio D**, Ljubešić Z (2025) Influence of internal island-trapped waves on plankton structure and trophic networks in stratified oligotrophic coastal waters. *Marine environmental research*. Sep 24:107578. <https://doi.org/10.1016/j.marenvres.2025.107578>
3. Russo L, Gomes H, Murillas A, **D'Alelio D** (2025) Topics and trends in marine ecosystem services research over the long term. *Environmental and Sustainability Indicators*. Aug 25:100885. <https://doi.org/10.1016/j.indic.2025.100885>
4. Bellardini D, Russo L, Abagnale M, Botte V, Buondonno A, Casotti R, Del Gaizo G, Di Capua I, Furia M, Iudicone D, Kokoszka F, Margiotta M, Mazzocchi MG, Saggiomo M, Sarno D, Saviano S, Percopo I, Tramontin E, Trano AC, Vannini J, Cianelli D, Licandro P, Vassallo P, **D'Alelio D** (2025) Plankton food webs as indicators of the ecosystem status to support the Marine Strategy Framework Directive: a case study from Campania region (Italy). *Environmental and Sustainability Indicators*. Jun 21:100763. <https://doi.org/10.1016/j.indic.2025.100763>
5. Bosso L, Saviano S, Abagnale M, Bellardini D, Bolinesi F, Botte V, Buondonno A, Carotenuto Y, Casotti R, Chiusano ML, Cipolletta F, Conversano F, De Domenico F, Del Gaizo G, Donnarumma V, Furia M, Iudicone D, Kokoszka F, Laface F, Licandro P, Mangoni O, Margiotta M, Mazzocchi MG, Miralto M, Montresor M, Pansera M, Pedà C, Percopo I, Raffini F, Russo L, Romeo T, Saggiomo M, Sarno D, Trano AC, Vannini J, Vargiu M, Zampicinini G, Zingone A, Cianelli D, **D'Alelio D** (2025) GIS-based integration of marine data for assessment and management of a highly anthropized coastal area. *Scientific Reports*. May 9;15(1):16200. <https://doi.org/10.1038/s41598-025-00206-z>
6. Russo L, Bellardini D, Casotti R, Licandro P, Mazzocchi MG, Murillas A, Percopo I, Sarno D, **D'Alelio D** (2025) The spatiotemporal variability of marine plankton ecosystem services at the regional scale: a combined approach using a systematic review and network analysis. *Sustainability*. Feb 1;17(3):1182. <https://doi.org/10.3390/su17031182>
7. Russo L, Loschi M, Bellardini D, Congestri R, Lomas MW, Libralato S, **D'Alelio D** (2025) Food web analysis shows an exacerbated dependence of zooplankton on detritus in oligotrophic systems due to ocean warming. *Progress in Oceanography*. Feb 1;231:103389. <https://doi.org/10.1016/j.pocean.2024.103389>
8. Russo L, Bellardini D, De Luca D, Del Gaizo G, Zampicinini G, Battaglia P, Liguori G, De Luca P, **D'Alelio D** (2024) Zoom into a twilight zone: a biodiversity survey of the Dohrn Canyon (Mediterranean sea) through environmental DNA metabarcoding. *Community Ecology*. Oct;25(3):403-11. <https://doi.org/10.1007/s42974-024-00207-4>
9. Moretti PF, **D'Alelio D**, Drago A, Pitarch J, Roose P, Schön I, Sprovieri M, Falcini F (2024) A process-based approach to guide the observational strategies for the assessment of the marine environment. *Sustainability* Sep 25;16(19):8335. <https://doi.org/10.3390/su16198335>
10. Campese L, Russo L, Abagnale M, Alberti A, Bachi G, Balestra C, Bellardini D, Buondonno A, Cardini U, Carotenuto Y, Checcucci G, Chiusano ML, D'Ambra I, d'Ippolito G, Di Capua I, Donnarumma V, Fontana A, Furia M, Galarza-Verkovitch D, Gallia R, Labadie K, Leone S, Licandro P, Longo A, Maselli M, Merquiol L, Murano C, Oliveira PH, Passarelli A, Percopo I, Perdereau A, Piredda R, Raffini F, Roncall V, Ruscheweyh HJ, Russo E, Saggiomo M, Santinelli C, Sarno D, Sunagawa S, Tramontano F, Trano AC, Uttieri M, Wincker P, Zampicinini G, Casotti R, Conversano F, **D'Alelio D**, Iudicone D, Margiotta F, Montresor M (2024) The NEREA Augmented Observatory: an integrative approach to marine coastal ecology. *Scientific data* Sep 10;11(1):989. <https://doi.org/10.1038/s41597-024-03787-y>

11. Bellardini D, Russo L, Di Tuccio V, De Luca D, Del Gaizo G, Zampicinini G, Kokoszka F, Botte V, Colloca F, Conversano F, De Luca P, Iudicone D, Margiotta F, Saviano S, Vassallo P, Cianelli D, **D'Alelio D** (2024) Spatiotemporal changes of pelagic food webs investigated by environmental DNA metabarcoding and connectivity analysis. *Philosophical Transactions B*. Sep 9;379(1909):20230178. <https://doi.org/10.1098/rstb.2023.0178>  
  
Russo L, Murano C, **D'Alelio D** (2024) Mapping Topic Evolution across the 40-Year-Old Long-Term Ecological Research MareChiara Site in the Gulf of Naples, Italy. *Oceans*. Aug 20 (Vol. 5, No. 3, pp. 591-610). <https://doi.org/10.3390/oceans5030034>
12. Hay Mele B, Ruggiero MV, **D'Alelio D** (2024) Population bottlenecks and sexual recombination shape diatom microevolution. *Ecology and Evolution*. <https://doi.org/10.1002/ece3.11464>
13. Bellardini D, Vannini J, Russo L, Buondonno A, Saggiomo M, Vassallo P, Mazzocchi MG, **D'Alelio D**, Licandro P (2024) The Spatial Distribution of Copepod Functional Traits in a Highly Anthropized Mediterranean Coastal Marine Region. *Environments*, 11(6), p.113. <https://doi.org/10.3390/environments11060113>
14. Ruggiero MV, Buffoli M, Wolf KK, **D'Alelio D**, Di Tuccio V, Lombardi E, Manfellotto F, Vitale L, Margiotta F, Sarno D John U, Ferrante MI, Montresor M (2024) Multiannual patterns of genetic structure and mating type ratios highlight the complex bloom dynamics of a marine planktonic diatom. *Scientific Reports*, 14(1), p.6028. <https://doi.org/10.1038/s41598-024-56292-y>
15. Giordano D, Bonora S, D'Orsi I, **D'Alelio D**, Facchiano A (2024) Structural and Functional Characterization of Lipoxygenases from Diatoms by Bioinformatics and Modelling Studies. *Biomolecules*, 14(3), 276. <https://doi.org/10.3390/biom14030276>
16. Zingone A, **D'Alelio D**, Mazzocchi MG (2024) The Gulf of Naples as a model system for plankton ecology studies. *Marine Ecology*, e12779. <https://doi.org/10.1111/maec.12779>
17. Russo L, Bellardini D, Steinberg DK, Congestri R, Lomas MW, **D'Alelio D**. (2024) Long-term oscillations in the normalized biomass-size spectrum reveal the impact of oligotrophication on zooplankton trophic structure in the North Atlantic Subtropical Gyre. *Marine Environmental Research* <https://doi.org/10.1016/j.marenvres.2023.106295>
18. Zingone A, **D'Alelio D**, Mazzocchi MG (2023). The Gulf of Naples as a model system for plankton ecology studies. *Marine Ecology*. <https://doi.org/10.1111/maec.12779>
19. Loschi M, **D'Alelio D**, Camatti E, Bernardi Aubry F, Beran A, Libralato S (2023). Planktonic ecological networks support quantification of changes in ecosystem health and functioning. *Scientific Reports*, 13(1), 16683. <https://doi.org/10.1038/s41598-023-43738-y>
20. Russo L, Bellardini D, Zampicinini G, Jordán F, Congestri R, **D'Alelio D**. (2023). From metabarcoding time series to plankton food webs: The hidden role of trophic hierarchy in providing ecological resilience. *Marine Ecology*. 2023:e12733. <https://onlinelibrary.wiley.com/doi/full/10.1111/maec.12733>
21. Zingone A, Tortora C, **D'Alelio D**, Margiotta F, Sarno D (2023). Assembly rules vary seasonally in stable phytoplankton associations of the Gulf of Naples (Mediterranean Sea). *Marine Ecology*, 44(3), e12730. <https://doi.org/10.1111/maec.12733>
22. Russo L, Casella V, Marabotti A, Jordán F, Congestri R, **D'Alelio D**. (2022). Trophic hierarchy in a marine community revealed by network analysis on co-occurrence data. *Food Webs* Sep 1;32:e00246 <https://doi.org/10.1016/j.fooweb.2022.e00246>  
<https://www.sciencedirect.com/science/article/abs/pii/S2352249622000283>
23. Cipolletta F, Russo A, **D'Alelio D**, Margiotta F, Sarno D, Zingone A, Montresor M. (2022). Vertical distribution of *Pseudo-nitzschia* in the Gulf of Naples across the

seasons. *Mediterranean Marine Science*. 2022 Jun 21;23(3):525-35.

<https://ejournals.epublishing.ekt.gr/index.php/hcmr-med-mar-sc/article/view/28147>

24. **D'Alelio D**, Russo L, Del Gaizo G, Caputi L. (2022). Plankton under Pressure: How Water Conditions Alter the Phytoplankton–Zooplankton Link in Coastal Lagoons. *Water* Mar 19;14(6):974. <https://www.mdpi.com/2073-4441/14/6/974>
25. Cappelletto M, Santoleri R, Evangelista L, Galgani F, Garcés E, Giorgetti A, Fava F, Herut B, Hilmi K, Kholeif S, Lorito S, Sammari C, Campillos Lianos M, Celussi M, **D'Alelio D**, Francocci F, Giorgi G, Melaku Canu D, Organelli E, Pomaro A, Sannino G, Segou M, Simona Simoncelli, Babeyko A, Barbanti A, Chang-Seng Denis, Cardin V, Casotti R, Drago A, El Asmi S, Eparkhina D, Fichaut M, Hema T, Procaccini G, Santoro F, Scoullou M, Solidoro C, Trincardi F, Tunesi L, Umgieser G, Zingone A, Ballerini T, Chaffai A, Coppini G, Gruber S, Knezevic J, Leone G, Penca J, Pinaridi N, Petihakis G, Rio M-H, Said M, Siokouros Z, Srour A, Snoussi M, Tintoré J, Vassilopoulou V, Zavatarelli M (2021). The Mediterranean Sea we want. *Ocean and Coastal Research*, 69. <https://doi.org/10.1590/2675-2824069.21019mc>
26. **D'Alelio D**, Russo L, Hay Mele B, and Pomati F (2021) Intersecting ecosystem services across the aquatic continuum: from global change impacts to local, and biologically driven, synergies and trade-offs. *Frontiers in Ecology and Evolution* 9 (2021): 199. <https://doi.org/10.3389/fevo.2021.628658>
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28. **D'Alelio D**, Rampone S, Cusano LM, Morfino V, Russo L, Sanseverino N, Cloern JE, Lomas MW (2020). Machine learning identifies a strong association between warming and reduced primary productivity in an oligotrophic ocean gyre. *Scientific Reports* Feb 25;10(1):1-2. <https://doi.org/10.1038/s41598-020-59989-y>
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#### Other publications

**Science rap album** *Microcosmo* (in Italian, with the pseudonym Doc Domi, with Fabio "Musta" Orza, 2025) [https://soundcloud.com/figlie\\_di\\_nettono/sets/microcosmo-EP](https://soundcloud.com/figlie_di_nettono/sets/microcosmo-EP)

**Science podcast** *Figlie di Nettuno* (in Italian, with Emanuela Dattolo, Marco Signore and Fabio Orza, 2025) <https://open.spotify.com/show/5aefKHmsEyAmwgnBMvkETH>

**Popular science book** *Anthropica. Viaggio nell'Italia del cambiamento ambientale* (in Italian, 2023) <https://www.hoeplieditore.it/hoegli-catalogo/articolo/anthropica-emanuela-dattolo/9788836010486/2792>

**Popular science book** *La microgiungla del mare. Le meraviglie del plancton, dal Mediterraneo all'Oceano globale* (in Italian, Hoepli 2020) <https://www.hoeplieditore.it/hoegli-catalogo/articolo/la-microgiungla-del-mare-domenico-dalelio/9788820395698/1838>

**Popular science** book *Uno scienziato a pedali* (in Italian, with Rigatti E, Ediciclo 2017)  
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**Science rap album** *Eco Trip* (in Italian, with the pseudonym Doc Domi, with Fabio "Musta" Orza, 2018), <https://open.spotify.com/album/294kfbnRvOvPFIN2FDPNEB>

**YouTube channel** "*Doc Domi*" including science rap videos  
[https://www.youtube.com/channel/UCQSKEvgmyqL4QZL\\_OHStVQ](https://www.youtube.com/channel/UCQSKEvgmyqL4QZL_OHStVQ)

**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.**

Napoli, 04.02.2026

Signature

A handwritten signature in black ink, appearing to read "Domenico D'Alelio". The signature is written in a cursive style with a long, sweeping underline.