



## Open position: postdoctoral fellowship in marine biogeochemistry

Assegno di Ricerca n. 7/2023

We invite applications for a postdoctoral researcher to work with Dr Ulisse Cardini and Dr Francesca Margiotta on "Spatial and temporal variability of gas fluxes and ratios in coastal marine ecosystems". Find the link below to submit your application!



### About the organization:

The Stazione Zoologica Anton Dohrn (SZN) - National Institute of Marine Biology, Ecology and Biotechnology is an internationally renowned center for marine research with headquarters located in Napoli, Italy. You will be primarily based at the Genoa Marine Center (GMC), a territorial seat of the SZN located in the coastal city of Genoa and dedicated to the study of marine biodiversity and the identification of viable solutions for its conservation. The GMC provides a vibrant international and interdisciplinary environment for conducting marine research, located in the heart of [one of Italy's most underrated gems](#), and embedded in an environment known worldwide for its breadth of marine research.

### About the project:

A major focus of the research group is on quantifying biological productivity and nutrient transformations in marine systems, particularly in benthic associations between primary producers, invertebrates and microbes, using techniques ranging from dissolved gas measurements to mesocosm experiments and bottle incubations with stable isotope tracing.

Within this project, you will work to develop protocols and standard operating procedures (SOPs) aimed at the study of dissolved gases fluxes and their ratios (measured by membrane inlet mass



spectrometry - MIMS) as a result of the metabolism of specific microbial associations, also in response to environmental stress, and the quantification of potential effects for coastal marine ecosystems. More specifically, experiments are envisioned exploring the role of lucinid clams in *Zoostera marina* beds in the south of France and Spain. These experiments are part of a larger effort within the EU-funded project BIOcean5D (<https://www.biocean5d.org/>) Work package 2. The candidate will thus have the opportunity to collaborate with other postdoctoral researchers working in other European Institutions, in particular within the Labs of Prof. Jillian Petersen (University of Wien) and Dr. Sophie Arnaud-Haond (IFREMER).

### **Your qualifications:**

You should have a PhD degree in Marine Sciences, Biogeochemistry or an equivalent degree. An interest in (geo)microbiology and microbial symbioses, and the willingness and capacity to interact in a multidisciplinary team, are essential. You should be fluent in spoken and written English and have a good publication record.

### **What we offer:**

The position is offered for 24 months. The salary will be in accordance with the so-called *Assegno di Ricerca* pursuant to art. 22 of the Italian law 240/2010 for a gross total over the two-year period of €38,913.66 (subject to social security contributions but except from taxation).

At the GMC-SZN we strive for gender and diversity equality and we encourage and welcome applications from all backgrounds. Candidates will be evaluated based on their qualifications and ability to fulfill the responsibilities as outlined for this project.

### **How to apply:**

To apply, please follow this link: <https://www.szn.it/index.php/it/bandi-e-concorsi/bandi-di-concorso/assegni-di-ricerca/bandi-attivi> and the guidelines mentioned under “**Assegno di Ricerca n. 7/2023**”. An excerpt from the announcement, translated in English, is provided below. The application deadline is **March 02, 2023**. Evaluations are planned shortly thereafter, and interviews will be conducted from remote on **March 16, 2023**. We seek to initiate the position by April 2023, or as soon as possible thereafter.

### **Additional information:**

Please contact Dr Ulisse Cardini (project leader, Head of the Marine Symbiomes Research Group, Email: [ulisse.cardini@szn.it](mailto:ulisse.cardini@szn.it)) for any informal enquiry.



**[Excerpt (with clarifications for foreign applicants) from the announcement]  
Determina del Direttore Generale f.f. n. 114 del 13/02/2023**

Assegno di Ricerca n. 7/2023 (<https://www.szn.it/index.php/it/bandi-e-concorsi/bandi-di-concorso/assegni-di-ricerca/bandi-attivi>)

*Art. 2*

**Requirements for participation**

1. Individuals possessing:

- (a) Qualification: Master's degree in Biology, Chemistry, Environmental Sciences, Natural Sciences or equivalent or equivalent degree obtained abroad;
- (b) PhD degree or Doctoral Thesis already submitted;
- (c) At least 1 publication in ISI journals;
- (d) Knowledge of the English language.

2. Applicants with an academic degree obtained abroad, which has not already been declared equivalent under current Italian regulations, must enclose with the application any documents useful to enable the Selection Committee to declare its equivalence for the sole purpose of participation in the selection procedure.

*Art. 5*

**Applications guidelines [documents to be submitted]**

1. The application form [should be filled and sent] using the **doc template attached to the announcement** [in Italian], as well as any other application document, must be received by the Stazione Zoologica Anton Dohrn, by **13:00 on 02/03/2023** only in digital format by one of the following methods:

- a. All documents signed with a qualified digital signature sent by email to [stazione.zoologica@szn.it](mailto:stazione.zoologica@szn.it);
- b. All documents sent from personal PEC (certified electronic mail) to [ufficio.protocollo@cert.szn.it](mailto:ufficio.protocollo@cert.szn.it);
- c. All documents bearing the handwritten signature and copy of the declarant's identity document scanned and sent by simple email to [stazione.zoologica@szn.it](mailto:stazione.zoologica@szn.it).

**[Option c) recommended for foreign applicants]**

2. The subject of the submission email should state "**Domanda di partecipazione alla selezione pubblica per assegno di ricerca 7/2023**". It is the responsibility of the applicants to make sure that the documents have been delivered within the deadline stipulated in the announcement.



3. Applicants who fail to report any malfunctions in advance shall in any case assume responsibility arising from any failure to deliver the application in due time.
4. In the application form [in Italian], the candidate must declare under his/her own responsibility and pursuant to Articles 46 and 47 of Presidential Decree No. 445 of December 28, 2000:
  - a. his/her personal details, date and place of birth, citizenship, tax code, residence and elected address for the purposes of the selection, specifying zip code, telephone number, e-mail address and certified e-mail address (if any);
  - b. that he/she has read the regulations set forth in the notice of competition.
5. With the application, the candidate must attach:
  - a. **[IMPORTANT]** duly self-certified scientific curriculum [in Italian or in English], bearing at the bottom the following statement [in Italian]: **“A conoscenza di quanto prescritto agli art. 46 e seguenti del DPR 28/12/2000 n.445 sulla responsabilità penale cui può andare incontro in caso di falsità in atti e di dichiarazioni mendaci, nonché in quanto prescritto dall’art.75 del DPR 28/12/2000 n.445 sulla decadenza dai benefici eventualmente conseguenti al provvedimento emanato sulla base di dichiarazioni non veritiere, ai sensi e per gli effetti del citato DPR n.445/2000 art.46 e sotto la propria personale responsabilità dichiaro che tutte le informazioni contenute nel proprio curriculum vitae sono veritiere. Presto consenso all’utilizzo dei dati personali in conformità al Regolamento Generale sulla protezione dei dati (RGPD) n.679/2016 ed al D. lgs. 10/8/2018 n. 101 in materia di protezione dei dati personali”**
  - b. list of publications **[not mandatory as long as a list is reported in the self-certified CV, including DOI for each article]**;
  - c. all publications in pdf format **[not mandatory as long as a list is reported in the self-certified CV]**;
  - d. all documents, certificates and any other titles that are deemed useful for the purposes of the competition **[not mandatory if all the relevant information is reported in the self-certified CV, including duration of each activity]**;
  - e. self-certification certifying possession of a university degree with indication of the grade obtained in the degree examination in accordance with Presidential Decree 445/2000 **[not mandatory if reported in the self-certified CV]**;
  - f. self-certification attesting to the possession of a doctoral degree or the successful delivery of the doctoral thesis pursuant to Presidential Decree 445/2000 **[not mandatory if reported in the self-certified CV]**;
  - g. self-certification in accordance with DPR 445/2000 by which the candidate attests the total duration of previous italian post doc positions as referred to in Article 22 paragraph 9 of Law 240/2010 **[not mandatory as long as the information is provided in the application form]**.
6. Among others, specialization diplomas and certificates of attendance at postgraduate specialization courses, obtained in Italy or abroad, as well as the performance of documented research activity in public or private entities with contracts, scholarships or assignments both in



Italy and abroad, are assessable as qualifications. **The duration of each activity [reported in the self-certified CV] will be considered analytically in the evaluation.**

7. For the purposes of evaluation, applicants must attach to the application photocopies of the documents proving the qualifications held, together with a self-certification attesting to their conformity to the original, in accordance with Presidential Decree 445/2000 [**not mandatory if reported in the self-certified CV**], and a valid identification document.

8. For publications or printed works, the date and place of publication and their editorial cataloging must be available on the Internet from the publisher. [**Please include DOI**]

9. Titles received by the Administration after the deadline for submission of applications for the selection will not be considered.

10. Those who intend to participate in more than one selection are required to submit separate applications.

11. Applications delivered after the deadline specified in paragraph 1 will not be considered. Applicants whose applications have been declared inadmissible will be notified of their exclusion from the competition by email.