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Istituto Nazionale
di Oceanografia
e di Geofisica
Sperimentale

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Call 16/2025

Announcement of public selection based on qualifications and interview for no. 9 research grants in the field of "Modelling of marine systems" for the Oceanography Section of the National Institute of Oceanography and Applied Geophysics – OGS.

Introduction

The National Institute of Oceanography and Applied Geophysics - OGS, is holding a public selection based on qualifications and interviews for the award of no. 9 research grants for the Oceanography Section of the National Institute of Oceanography and Applied Geophysics – OGS.
The grant cannot be combined with any other type of grant or scholarship, nor with fellowships or allowances of a similar nature. The grant is not compatible with permanent or fixed-term private or public employment, with the exception of unpaid leave arranged with the employer.

OGS cannot pay any additional compensation to research grant holders for any reason, and the activities carried out by grant holders shall under no circumstances constitute employment.

The research grant does not entitle the holder to social security benefits, nor shall it be taken into account for the purposes of legal or economic career progression or for pension recognition.

Art. 1 – Positions for selection

A public selection based on qualifications and interviews is open to award no. 9 research grants in the field of "Modelling of marine systems" for the Oceanography Section of the National Institute of Oceanography and Applied Geophysics – OGS.

The research activity, which is the subject of the research grants, is aimed at supporting the development and use of data analysis methods and models of varying complexity, capable of describing and integrating physical, biogeochemical, and ecological dynamics across different spatial and temporal scales, from the operational to the climatic scale, also making use of artificial intelligence technologies, data-driven approaches, theoretical physics methods, and high-performance computing.

Successful candidates will be expected to address scientific topics including:

- the dynamics of marine and coastal circulation;
- interactions between physical and biogeochemical processes;
- the impact of light propagation and ALAN on marine systems;
- the impact of human activities on marine ecosystems across different spatial and temporal scales;
- the study of ecosystem functioning and biodiversity;
- the integration of physical and biogeochemical processes into models of renewable marine resource dynamics;
- the quantitative ecosystem-based approach to fisheries and aquaculture management;
- operational oceanography;
- integrated analysis of ecological, social, and economic systems;
- sustainable development and integrated management of coastal zones;
- the application of advanced theoretical methods to environmental problems and the use of coupled models.

The geographical areas of interest may include the Mediterranean Sea (in particular the Adriatic-Ionian system, the northern Adriatic Sea and its lagoon systems) and the Strait of Sicily.

SCIENTIFIC DISCIPLINARY SECTOR: GEOS-04/C - Oceanography, Meteorology and Climatology

PHYS-05/B - Physics of the Earth System, Planets, Space and Climate

BIOS-05/A - Ecology

Art. 2 – Duration and amount of the Research Grant

The grant lasts for 6 months and may be renewed.

Research grants may be renewed only once, for a period of no less than six months, up to a maximum of 24 months. Renewal is proposed by the Director of the structure (Section or Centre) where the grant holder carries out their activities, at the request of the scientific supervisor and subject to a positive evaluation of the activity report as referred to in Article 11 of this call.

The grant salary (6 months), net of charges payable by OGS, is set at € 11.425,96 and is paid in monthly instalments.

The research grant holder is entitled to reimbursement of mission expenses (travel, board and lodging), in accordance with the procedures and limits set by the OGS Mission Regulations, if required to carry out activities outside the regular place of research.

Art. 3 – Admission Requirements

To participate in the selection process, candidates must:

a. Be no older than 35 at the time of application;

b. Hold a university degree in scientific disciplines awarded in accordance with the regulations in force prior to the reform pursuant to Ministerial Decree 509/99 or a Master's degree in scientific disciplines obtained from an Italian or foreign university;

c. Have an excellent knowledge of English (both written and spoken) for drafting articles and presenting results in international contexts;

d. Have knowledge of the main IT applications;

Citizens of any European Union Member State and third-country nationals holding a degree obtained under the regulations prior to Ministerial Decree No. 509/1999 (old system), a Specialist Degree, or a Master's Degree awarded by Italian or foreign universities, as well as any additional requirements specified in the call for applications are eligible to take part in the selection.

For candidates with qualifications obtained abroad, the scientific relevance of the degree, solely for admission purposes, will be evaluated and recognized by the Selection Committee.

All admission requirements must be met by the application deadline published on the official OGS website.

Assessment of the requirements listed under points c), d) and e) shall be entrusted to the sole and final judgment of the Selection Committee referred to in Article 6, during the oral examination.

Art. 4 – Application form: terms and conditions

The application form to participate in the call, drawn up on plain paper using the form provided (Attachment A) and signed by the applicant with either a handwritten or a digital signature pursuant to current regulations, must be received no later than 11:59 p.m. on the 15th day following the date of publication of this notice on the OGS website https://www.ogs.it/it/concorsi, namely by the published deadline, exclusively via the applicant's personal Certified Email (PEC), in compliance with applicable regulations, to the following PEC address: ogs@pec.it, specifying in the subject line:

Call 16/2025 – Surname, First name – Research grant

Only and exclusively for foreign applicants and Italian citizens residing abroad, in the event they are unable to submit their application via PEC, may the application form to participate in the selection (Attachment A) also be submitted via ordinary personal email to the following address: protocollo@ogs.it.

If the maximum limit of 30 MB per individual PEC message is exceeded, applicants should send multiple submissions as needed, clearly indicating the submission number in the subject line (e.g. Call 16/2025 – Surname Name, First Name – Research Grant – submission no. X of Y).

Files sent in ".zip" folders will not be accepted.

No other methods of submission or formats will be accepted, under penalty of exclusion.

The application must be received no later than 11:59 PM on the deadline date indicated in this call.

All personal communications regarding this selection procedure will be sent to the candidate's personal PEC address or, alternatively, to the ordinary email address indicated in the application. The Organization bears no responsibility for failure of delivery due to incorrect or inactive email addresses provided by the candidate.

All information related to this selection process (e.g. interview dates, list of admitted candidates, merit rankings and final results, etc.) will be published on the OGS website: https://www.ogs.it/it/concorsi.

In the application, the applicant must declare the following information under his/her own responsibility,:

-Surname and name;

-Place and date of birth;

-Residence (address, city, province/state, zip code, country);

-Nationality;

-That they have not been convicted or found guilty of any criminal offence, specifying, if not, which convictions they have had;

-To be in possession of the required qualifications, specifying date, place of issue, final mark;

-To be in possession of the further requisites as per art. 3 of this Call;

-The chosen address for the selection procedure.

The declarations made in the application shall be considered as self-certifications or affidavits pursuant to Articles 46 and 47 of Presidential Decree No. 445 of 28 December 2000, as amended, and are submitted under the applicant's own responsibility. False declarations and forged

documentation entail criminal liability pursuant to Article 76 of Presidential Decree No. 445/2000, as well as the consequences set out in Article 75 of the same Decree.

OGS reserves the right to verify the validity of the applications and the possession of the required qualifications at any stage of the selection process.

The candidate must enclose with the application form the following documents:

1. A Curriculum Vitae et Studiorum (possibly in European format) written either in Italian or English, dated and signed with handwritten or digital signature; in the CV the applicant must include all the useful information for the evaluation. At the bottom of the curriculum, the following declarations should be included:

o *"The information contained in this curriculum vitae is made under the personal responsibility of the undersigned in accordance with Articles 46 and 47 of Presidential Decree no. 445 of 28.12.2000, aware of the criminal liability envisaged in Article 76 of the same Presidential Decree no. 445 of 28.12.2000, for the hypotheses of falsity in deeds and mendacious statements";*

o "I authorize the processing of my personal data in the curriculum vitae in accordance with Legislative Decree no. 196 of June 30, 2003 "Personal Data Protection Code " and Article 13 of the GDPR (EU Regulation 2016/679)".

2. Qualifications and documents that the applicant considers useful to submit to the Selection Board; the qualifications and documents must be presented with a declaration in lieu of certification or affidavit pursuant to Articles 46 and 47 of Presidential Decree no. 445 of 28.12.2000;
3. A photocopy of a valid Identity Document.

The application should indicate any possible need for aids or assistance during the interview in relation to the specific certified disability.

Art. 5 – Exclusions

Exclusions from the selection process, for whatever reason, may be ordered, at any moment during the selection procedure, by decision of the Director General on the indication and proposal of the person in charge of the procedure and/or the Examining Board pursuant to art. 6 below.
Exclusions will be communicated to the persons concerned within 5 days of the adoption of the relevant measure.

Art. 6 – Selection Board

The Selection Board is appointed by the OGS Director General and comprises three experts in the subjects specified in the call for applications, including the scientific Tutor. Where the experts are selected from among the OGS personnel, they must belong to different organizational units (Sections or Centres). The role of secretary shall be entrusted to the youngest member of the Selection Board.

The Selection Board, at its constituent meeting, must declare the absence of any grounds for incompatibility and any conflict of interest among its members, and subsequently proceed to establish the detailed criteria and methods for the evaluation of qualifications and the interview.

After reviewing the list of applicants, the Board members must again declare that no grounds for incompatibility or conflict of interest exist with regard to the candidates.

The Selection Board may also convene remotely, provided that the security and traceability of communications during meetings are ensured.

The Board shall complete the selection procedure within six months from the date of its first meeting. Failure to comply with this deadline must be collectively justified by the Selection Board through a reasoned report to be submitted to the Director General (Art. 11 – Presidential Decree No. 487/1994).

Art. 7 – Evaluation of qualifications, interview, and ranking list

The selection is based on qualifications and interview.

The Selection Board can assign up to 100 points, divided as follows:

-30 points for the evaluation of the qualifications;

-70 points for the interview.

QUALIFICATIONS (max 30 points out of 100)

The Selection Board preliminary adopts the criteria and the parameters it intends to follow, with specific reference to the characteristics of the research project.

To evaluate qualifications, the Selection Board has a maximum of 30 points to allocate according to the following list:

- University Degree final mark and relevance to the subject of the call;
- Possession of a PhD relevant to the subject of the call for applications;
- Postgraduate specialization and advanced training courses (e.g. first- and second-level Master's degrees), both in Italy and abroad, in the field covered by the call;
- Undertaking activities/experience at public and private entities with contracts, traineeships, scholarships, assignments, both in Italy and abroad in the field covered by the call referred to in Article 1;
- Documented contributions to scientific publications and/or technical reports relevant to the topics of the call.
- Knowledge main programming languages for scientific applications.

The results of the evaluation of qualifications must be communicated to the candidates by publication on the OGS institutional website prior to the interview.

INTERVIEW (max 70 points out of 100)

The date of the interview shall be communicated at least 15 days before the scheduled date.

The interview may be conducted in either Italian or English.

The interview may be conducted via videoconference, using digital and IT tools, with technical measures in place to guarantee its public nature, participant identification, and communication security.

The Selection Board reserves the right to publish any detailed instructions regarding the conduct of the interview in advance on the institutional website.

The interview will focus on the topics covered by this call for applications as referred to in Article 1, on any relevant experience acquired, and on any activities carried out.

Candidates must present a valid identification document to attend the interview.

Candidates who do not provide a valid identification document or who present expired documents will not be allowed to participate in the interview.

Candidates who do not attend the interview, or, in the case of a remote interview, fail to connect according to the procedures specified by OGS, will forfeit all rights to participation and will be declared disqualified from the selection process.

The selection process is considered successfully passed with a minimum overall score (qualifications + interview) of 60 points out of 100.

At the conclusion of its work, the Selection Board shall compile a merit ranking in descending order based on the total score obtained by the candidates, resulting from the evaluation of qualifications and the interview, and shall submit the records to the Directorate for Human Resources Management – Recruitment and External Personnel Office for publication on the OGS website at https://www.ogs.it/it/concorsi.

Publication shall constitute official notification to all intents and purposes.

Art. 8 – Final ranking

The Director General, once verified the formal validity of the documents transmitted to the Selection Board, shall approve with his/her own provision the ranking list and appoints the grant winner.

In the case of equal scores, preference shall be given to the younger candidate.

In order to ensure transparency in this selection procedure, the merit ranking and the final ranking — to which any preferential titles provided for in the call are applied — shall be published simultaneously on the OGS website: https://www.ogs.it/it/concorsi.

Should the selected candidate decline the offer, the final ranking shall be used to award the grant to the next eligible candidate. Similarly, in the event of an early termination of the grant, the ranking may be used to assign the remaining duration to another eligible candidate, provided the remaining period is not less than six months.

The ranking is valid exclusively for the research project specified in this call and may not be used to award grants related to other projects or supervised by a different tutor.

The principle of minimisation of personal data shall remain fully applicable.

Art. 9 – Awarding of the grant

The Director General of OGS, in compliance with the applicable regulations and having verified the formal regularity of the documentation submitted by the Selection Board, shall approve the outcome of the selection procedure by means of a specific decree and award the research grant to the selected candidate by signing a dedicated contract.

The selected candidate will receive formal notification of the outcome of the selection process and must submit a declaration of acceptance of the grant within a non-extendable deadline of 15 days from the date of receipt of said notification.

Upon accepting the grant, the selected candidate shall submit a self-declaration in lieu of affidavit certifying the absence of any grounds for incompatibility, and shall also undertake to promptly communicate any subsequent changes relevant to the signing of the contract that defines the terms and activities covered by the research grant.

Individuals who have family ties or kinship up to the fourth degree with the tutor, the Director, or any staff member of the structure (Section or Centre) where the activity will take place, are not eligible to participate in the grant assignment procedure.

The research grant cannot be combined with any other grant awarded for any reason, nor with employment contracts or similar forms of financial support. It is also incompatible with employee work.

The grant is incompatible with self-employed activities, including para-subordinate collaborations, except for occasional self-employment activities, which must be authorised in advance by both the tutor and the Director General, and provided that such activities do not create conflicts of interest or prejudice OGS in relation to the grant activities.

The grant is compatible with the attendance of PhD programmes or postgraduate specialisation courses, in Italy or abroad, provided that no fellowships or research grants are awarded as part of those programmes.

Art. 10 – Carrying out the study activity

The grant holder shall carry out the study and research activities independently, without any dependence or predetermined working hours restrictions, in compliance with the approved programme and the guidance provided by the scientific tutor.

Art. 11 – Obligations of the grant holder and evaluation of the research activity

The grant holder shall carry out the research activity for which the grant is intended, in accordance with the programme defined by the scientific tutor and under the tutor's supervision.

At the end of the activity period, the grant holder shall submit a final report to the Director of the host structure (Section or Centre) detailing the activities performed and the scientific results achieved, accompanied by the tutor's assessment. This report must indicate the projects in which the grant holder has been involved, as well as any publications or other research outputs produced during the period of grant award.

All technical, scientific, and administrative data and information acquired by the grant holder in the course of the activity shall be considered confidential and may not be used for purposes other than those officially related to the grant.

Regarding the protection of intellectual property rights on the results or outputs developed during the activity, reference should be made to the OGS Regulation on patents and intellectual property protection.

The grant holder is required to comply with the OGS Regulations, safety regulations, the code of conduct, and the internal organisational rules of the structure (Section or Centre) where the activity is carried out.

Art. 12 – Personal data management

In accordance with Article 13 of the EU General Data Protection Regulation (Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016, or GDPR), candidates are informed that treatment of their personal data, provided by applying to this selection or to this end collected by the National Institute of Oceanography and Applied Geophysics – OGS, is carried out solely for the purpose of managing the selection procedure and will be handled by the personnel in charge of the process, including the members of the Selection Board. The data will be processed, also by digital systems, in the manner and to the extent strictly necessary to achieve the aforementioned purpose, including any communication to third parties or disclosure (by way of example: publication of the rankings for transparency purposes).

These treatments by OGS are legitimate since necessary to undertake contracts or as pre-contractual measures adopted upon request of the candidate, in compliance with a legal obligation to which OGS is subject, or lastly for its own interest.

Following art. 15 et seq. of the above-mentioned Regulation 2016/679, the candidates have the right of access to their personal data, the right of limitation and rectification, as well as the right of opposition and the right to delete their data, for legitimate reasons.

These rights may be asserted with respect to the National Institute of Oceanography and Applied Geophysics – OGS (Data Controller), head office in Borgo Grotta Gigante 42/c 34010 Sgonico (TS).

In order to exercise the rights recognized by the Regulation 2016/679, or for any information related to the personal data treatment, it is possible to contact the Data Controller at the following e-mail address: privacy@ogs.it. The Data Protection Officer appointed by OGS can be contacted at: dpo@ogs.it

Art. 13 – Supervisor of the Procedure

In accordance with art. 5 of the Law dated 7/08/1990 no. 241, the Supervisor of the Procedure of this call is the Head of the Human Resources Office, Carlo Martone, cmartone@ogs.it.

Art. 14 – Publication

This call for applications will be published in its entirety on the official OGS website – Sezione Concorsi (https://www.ogs.it/it/concorsi), as well as on the European mobility portal Euraxess.

Art. 15 – Right of access

The right of access to documents relating to the selection procedure must be exercised in accordance with the procedures set forth in Law No. 241 of August 7, 1990, as amended. For information, please write to the Recruitment and External Personnel Office at concorsi@ogs.it.

Requests to access the documents will be available on the online platform – Portale del Reclutamento – in the section pertaining to the relevant procedure, and by publication on the OGS institutional website (https://www.ogs.it/it/concorsi), in the section dedicated to this selection process.

Such publication fulfils all communication obligations to interested parties.

Art. 16 – Final Provisions

For matters not expressly covered by this call, reference shall be made to the OGS Regulations for Awarding Grants, approved by the Board of Directors' resolution no. 49 dated 30.05.2025, as well as to the current national legislation regarding training instruments and competitive procedures.

DIRECTOR GENERAL

(Paola Del Negro)

Signed digitally, pursuant to Decree 82/2005, as amended and related regulations

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Attachment A)

To Istituto Nazionale di Oceanografia
e di Geofisica Sperimentale - OGS
ogs@pec.it
protocollo@ogs.it

APPLICATION FORM FOR THE SELECTION TO AWARD A RESEARCH GRANT

SELF DECLARATION AFFIDAVIT

(art. 46 Presidential Decree 28.12.2000 no. 445)

The undersigned (name and surname)

Tax code (mandatory for residents in Italy)

Birthplace (born in and city/state/country)

Date of Birth (day/month/year)

Resident in (city and prov./state)

Address (street, number and postcode)

PEC: (Certified e-mail address - mandatory for residents in Italy)

e-mail:

Aware of the criminal liability which may arise for forged of documents and false declarations, pursuant to art. 76 of Presidential Decree no. 445 of 28.12.2000, I hereby request admission to the public selection, based on qualifications and interview, for the following call:

Call 16/2025 - Announcement of public selection based on qualifications and interview for no. 9 research grants in the field of "Modelling of marine systems" for the Oceanography Section of the National Institute of Oceanography and Applied Geophysics – OGS.

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Date
current date

Signature
candidate's signature

OGS
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale

SELF DECLARATION AFFIDAVIT

(art. 46 Presidential Decree 28.12.2000 no. 445)

For admission to this selection procedure, the undersigned declares, pursuant to art. 46 of Presidential Decree no 445 of 28.12.2000, under his/her own responsibility:

- citizenship (indicate your nationality)
- to have no previous criminal convictions
  (if any, please specify)
- to hold a (check the relevant ☐)

☐ Degree awarded prior to the Ministerial Decree no. 509/99

☐ Specialist degree pursuant Ministerial Decree no. 509/99

☐ Master's degree pursuant Ministerial Decree no. D.M. 270/04

☐ Master's degree from a foreign University

in (degree programme/subject)
awarded on date (day/month/year)
at the University of (University)
with the grade of (degree score)

If the qualification is obtained abroad (please tick the condition that applies)

☐ to have already obtained the recognition of equivalence as per Art. 38 of the Legislative Decree dated March 30 2001, n. 165, as shown by the documentation attached to the application

or

☐ to have already applied for the recognition of equivalence as per Art. 38 of the Legislative Decree dated March 30 2001, n. 165, as shown by the documentation attached to the application

or

☐ to present the following detailed documentation of the attended training to allow the selection board assess the recognition of equivalence only for the purposes of the applicant's participation in the above selection.

- to possess the additional requirements specified in art. 3 of this call
- to hold the following QUALIFICATIONS THAT MAY BE EVALUATED:

(list the qualifications considered evaluable, for example
- performed activities,
- other academic qualifications,
- professional experience ...)

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I also attach the following documentation and declare, pursuant to Article 47 of Presidential Decree no. 445 of 28.12.2000, under my own responsibility:

- *that the curriculum vitae, including information on scientific production, consisting of no. (number of pages) pages, is consistent with the truth*
- *that the identity document (ID card/passport number) is a genuine copy of the original*

Additional attached documents (to be completed for each attached document)

- *that the copy of the following qualification/document/publication (qualification / document / publication) consisting of no. (number of pages) pages is a genuine copy of the original*
- *…*
- *…*

As part of the procedure for which this declaration is made, the undersigned authorises, pursuant to Legislative Decree no. 196 of 30 June 2003 "Personal Data Protection Code" and to the GDPR (EU Regulation 2016/679), the processing and collection, including by IT tools, of personal data concerning the application and related attachments.

Date	Signature
current date	candidate's signature

The application form must be completed in full, and include all the required attachments (photocopy of a valid identity document and a signed CV).