



Call nr. 19/2021/ONT

Call for the selection of a Research Contract, type "Post-Graduated Grant" for awarding 1 research grant for cooperation in research activities at INGV – Branch of Roma in the framework of the projects PRIN FLUIDS (20174X3P29_004 Sector PE10)

The Director

GIVEN the Legislative Decree 29/9/1999, n. 381 of the Istituto Nazionale di Geofisica e Vulcanologia (National Institute of Geophysics and Volcanology);
GIVEN the Legislative Decree 31 December 2009, n. 213 containing "Reorganization of research bodies in implementation of art. 1 of the law 27 September 2007 n. 165";
CONSIDERING the Statute of the INGV, approved with resolution no.114/2020 published in G.U. General Series n. 264 of 24/10/2020;
GIVEN the regulation of INGV, approved with Degree of the President n. 36/2020 in 22/03/2020, published in the institutional website
GIVEN the integrated Three-year Performance, Anticorruption and Transparency Plan of the INGV 2020 - 2022 approved with Resolution of the Board of Directors no. 18/2020 of 01/30/2020; GIVEN the D.P.R. 28/12/2000 n. 445 and subsequent amendments, concerning "T.U. of the legislative provisions and regulations on administrative documentation";
GIVEN the Legislative Decree 30 June 2003, n. 196, concerning "Code regarding the protection of personal data";
GIVEN the law 8 August 1990, n. 241, containing "New rules on administrative procedure and right of access to administrative documents";
GIVEN the d.P.R. 12 April 2006, n. 184 containing the "Regulations governing access to administrative documents";
GIVEN the legislative decree 7 March 2005, n. 82 containing the "Digital Administration Code"; GIVEN the law 6 November 2012, n. 190, containing "Provisions for the prevention and repression of corruption and illegality in the public administration";
GIVEN the legislative decree 14 March 2013, n. 33 on the subject of "Reorganization of the regulations concerning the right of civic access and the obligations of publicity, transparency and dissemination of information by public administrations";
GIVEN the Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016, concerning the protection of individuals with regard to the processing of personal data, as well as the free circulation of such data;
GIVEN the legislative decree 10 August 2018, n. 101, containing "Provisions for the adaptation of national legislation to the provisions of Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016, relating to the protection of individuals with regard to the processing of personal

data, as well as free circulation of such data and repealing Directive 95/46 / EC (general regulation on data protection)";

GIVEN the law of 30 December 2010 n. 240, bearing "Rules on the organization of universities, academic staff and recruitment, as well as delegation to the Government to encourage the quality and efficiency of the university system", and in particular art. 22;

GIVEN the Ministerial Decree no. 102 of 09/03/2011, relating to the definition of the minimum amount of research grants;

GIVEN the law of 5 February 1992, n. 104, "Framework law for assistance, social integration and the rights of handicapped people";

GIVEN the legislative decree 11 April 2006, n. 198 containing the "Code of equal opportunities between men and women, pursuant to Article 6 of the law of 28 November 2005, no. 246 ";

GIVEN the legislative decree 25 January 2010, n. 5 on "Implementation of Directive 2006/54 / EC on the principle of equal opportunities and equal treatment of men and women in matters of employment and occupation";

GIVEN the legislative decrees of 9 July 2003, n. 215 and n. 216 bearing, respectively, "Implementation of Directive 2000/43 / EC for equal treatment between people, regardless of race and ethnic origin", and "Implementation of Directive 2000/78 / EC for equal treatment in the matter employment and working conditions ";

GIVEN the decree of the Minister of Education, University and Research in agreement with the Minister for Public Administration and Innovation of 9 July 2009, on the subject of equalization between graduation classes and old system degree diplomas, specialist degrees (LS) referred to in decree no. 509/1999 and master's degrees (LM) referred to in decree no. 270/2004, for the purposes of participation in public competitions;

GIVEN the legislation on equivalence and equalization of qualifications for admission to public competitions;

CONSIDERING the directive of the Minister of Public Administration and Simplification n. 14/2011 for the application of the new provisions on certificates and substitute declarations pursuant to art. 15 of the law 12 November 2011, n. 183;

CONSIDERING the Presidential Decree of INGV n. 11 of 29/01/2019 with which the Regulations for the awarding of research grants for carrying out research activities are issued;

GIVEN the Decree of the Director of Personnel Affairs n. 418 of 26/08/2019 of appointment of Director of the Bologna Section to dr. Antonio Costa, starting from 01/09/2019 and for the duration of a three-year period;

GIVEN the Decrees of the President of the Council of Ministers of 8 and 9 March 2020, containing the urgent measures regarding the containment and management of the epidemiological emergency from COVID-19 according to which "public and private insolvency procedures are suspended, excluding of the cases in which the evaluation of the candidates is carried out exclusively on a curricular basis or electronically ";

CONSIDERING the Presidential Decree n.32 / 2020 (Prot. Gen. -U n. 0004340 of 09/04/2020) concerning "Disciplinary approval for the electronic

implementation of the selective procedures for the awarding of research grants and grants of study";

HAVING REGARD to the request of Dr. Nicola D'Agostino for the initiation of a selective procedure for professional research grant within the PRIN2017 FLUIDS Projects;

GIVEN the application for activation for no. 1 Post-Graduated Grant, issued by the General Director on 10/04/2020, protocol n. 957) ;

VERIFIED the financial availability of the funds of the aforementioned projects

DECREES

A public selective procedure is called, for qualifications and interview by teleconference, for awarding 1 research "Post-Doctoral" Grant, lasting 16 months, for carrying out research activities at the National Institute of Geophysics and Volcanology - Branch of Roma, under the scientific responsibility of Dr. Nicola D'Agostino in the framework of **Projects PRIN FLUIDS (20174X3P29_004 Sector PE10)**

Art. 1

Research grant subject

The title of the research is: "Geodetic Analysis of hydrological transient deformation along the Irpinia Fault Zone: implications for the response of active fault zones to external stress modulations". The requested activities will include: 1) analysis of GPS time series from continuous stations and their comparison and correlation with other observables (hydrology, seismicity); 2) modelling of stress variations from distributed deformation sources. The research activity will be carried on at the INGV offices in Roma.

Art. 2

Start, duration, and salary

The gross annual remuneration is set at 22.272,00 Euros (twentytwo thousand, two hundred and seventy-two / 00 Euros) net of the costs sustained by the employer, unless adjustments are made if there are variations on the minimum amount fixed by the Ministry, and will be paid in postponed monthly instalments. Tax allowances are subject to the provisions of art. 4 of the law of 13 August 1984, n. 476 and subsequent amendments and additions, as well as, as regards social security, those pursuant to art. 2, paragraphs 26 and following, of the law 8 August 1995, n. 335 and subsequent amendments, in the matter of mandatory abstention for maternity, the provisions of the Decree of the Minister of Labour and Social Security 12 July 2007 and on sick leave, art. 1, paragraph 788, of the Law of 27 December 2006, n. 296 and subsequent amendments.

The Grant has a duration of **16 months**, subject to annual verification of the activity carried out and it may possibly be renewed as provided by art.22, co 3 law 240/2010

Art. 3

Requirements for eligibility

For admission to the selection, it is required, in addition to all the requirements provided by law for access to public employment, to have the following requirements under the penalty of exclusion:

- a) University degree (master level, course of study not less than four years) in Geology, Physics, Mathematics, Informatics, Statistics, Engineering, or an equivalent degree to be evaluated during the admission procedure;
- b) Doctorate (PhD) in a scientific field closely related to the proposed research (to be verified by the commission designated to evaluate the applications);
- c) Proven experience in the research topics related to the proposed activities: analysis and modelling of time series, modelling of deformation sources.
- d) Previous experience with Linux operating system
- e) Knowledge of at least one programming language including Python, Matlab and Fortran and use of the Generic Mapping Tool package;
- f) Knowledge of English language (spoken and written, to be verified during the interview);

The qualifications obtained abroad must normally be previously recognized in Italy according to the legislation on the matter. The equivalence of qualifications obtained abroad that have not already been recognized in Italy will be assessed by the Selection Committee only for the purpose of admitting the candidate to the selection.

The requirements must be satisfied on the date of the deadline established for the submission of applications for admission to this selection.

The INGV guarantees equality and equal opportunities between men and women for the allocation of the grant in question, and the protection of the confidentiality of the processing of personal data, according to the provisions in force.

During the actual sanitary emergency due to Covid-19, all activities defined in this article will be done in compliance with the law and regulations issued by the authorities and with the internal regulations of INGV.

Art. 4

Incompatibilities

The following qualifications involve exclusion from the selection procedures:

- have a permanent position at a public University, Institute or Research Centre; or permanent position at ENEA or at the Italian Space Agency; or permanent position at an institution providing diplomas that are regarded as being equivalent to a doctoral degree according to art. 74, par 4, of the D.P.R. n. 382 of 11/07/1980;
- be a research grant holder employed by a public administration different from those listed at the previous point or employed by a private company, in case such research grant is not interrupted or suspended through unpaid leave for the entire duration of the present contract;

- be an employee at INGV, either with or without permanent position and employee at other organisations as for art.22 co 1 of Law n. 240/2010;
- be enrolled in degree programs, Ph.D courses providing a grant; University masters, either in Italy or abroad;
- The present research grant cannot be combined with others grants provided by INGV or by other research institutes.

Pursuant to art. 22, co 3, of Law 240/2010, the ownership of the allowance is not compatible with participation in degree courses, specialist or master's degree, research doctorate with scholarship, university masters, in Italy and abroad. Research grants cannot be combined with scholarships in any capacity awarded by INGV or other research bodies or institutions. Research grant holders can attend research doctorate courses that without scholarships. A research grant holder cannot do other activities internal to INGV.

Art. 5

Application for Admission

The application for participation in the selection, drawn up on plain paper according to the attached scheme (Annex 1) and signed by the candidate, under penalty of exclusion, must be sent within the unconditional deadline of **15 days** from the following day of the date of publication of this announcement on the INGV website www.ingv.it, in the manner and within the terms provided for in the selection announcement:

1) in pdf format from certified e-mail address (PEC) to aoo.cnt@pec.ingv.it, The email must have the following wording: **"Selection for Post-Graduated Grant - Call n 19/2021/ONT**. The email has to be sent exclusively from the PEC of the candidate. The validity of application's transmission is certified by "receipt of delivery" that must arrive to candidate's PEC before hour 23:59:59 of term day indicated above. For the purpose of ascertaining the production of applications, the date and time of arrival will be taken as proof of the certified email manager of the INGV Bologna Section (receipt of delivery). It is the responsibility of the candidate to verify the receipt on their PEC of this confirmation, issued by the telematics system, as proof that the message has been correctly delivered to the recipient in good time.

2) Only and exclusively for foreign citizens living abroad, or living in Italy, but not entitled to use the PEC, it is allowed to send the signed application, from an uncertified e-mail address to the protocol address aoo.cnt@pec.ingv.it. If the deadline falls on a public holiday, the deadline slips to the first useful working day.

The Administration does not assume any responsibility in case of unavailability of the recipient and for loss of communications dependent on failure, late or inaccurate communication or unclear transcription by the candidate of the email address indicated in the application forms.

Any changes must be promptly communicated to the Administration of the ONT, Roma, at the address aoo.cnt@pec.ingv.it.

Under penalty of exclusion, the application and the curriculum must be signed with a handwritten signature and is not subject to authentication or in digital way or other method of subscription as by art.65 d.lgs. 7 07/03/2005 n.82. Candidates with disabilities, in relation to their disability, in the application for participation in the selection must make an explicit request for the necessary aid.

In the application, the applicants must declare, under their own responsibility, and subject to exclusion from the selection in case of failure:

1. full name, date and place of birth, residence and citizenship;
2. Italian tax payer's code (for Italian citizens or foreigners who have it)
3. European identification code (TIN) (only for citizens of EU states)
4. educational qualifications, including evaluation, date and University at which they were obtained;
5. to possess the requirements at art 3) of this document,
6. to have no criminal convictions and no pending criminal proceedings. Otherwise, indicate
7. the ongoing proceedings and the sentences passed, the dates of judgments and judicial
8. authority which issued;
9. to possess political rights (only for citizens of the European Union);
10. not to be employed by a public institution or private company, and in any case, not to receive another grant in Italy or abroad; in the case a grant is instead received, to engage to produce documentation attesting to the suspension of the grant before the date of start of the research contract and for its entire duration; in case of employee in other public administrations, to engage to communicate to the administration involved the eventual confirmation of grant for the suspension without payment (as defined in comma 3 art.22 law 240/2010);
11. the personal Google account;
12. the email address at which they chose to receive communications;
13. any special titles (law n.68/1999) and titles of precedence and/or preference to be considered
14. in case of same evaluation (as provided by art.5 D.P.R. n. 487/94); previous titles has to be explicitly mentioned to be considered in evaluation

The following documents must be attached to the applicant form, under penalty of exclusion:

1. *curriculum vitae et studiorum* in Italian or English, following the European format, dated and signed by the applicant in all pages, containing the specific list and description of the titles, qualifications and publications attached (if any) that should be evaluated;
2. a clear, readable photocopy of the passport or other identity card which contains a photograph and which is recognised in the European Union and Italian Tax Payer's Code or TIN. This copy is essential for identity verification during the interview;

3. declaration of the total duration of all work contracts of which the candidate benefitted with Italian public research institutions, according to art.22, comma 9, L. n. 240/2010 .

Art. 6 **Titles for evaluation**

The evaluation is reserved to the Selection Committee. The CV will be evaluated, drawn up according to the European format in Italian or English, where the states, facts, personal qualities, and in particular:

1. Studies undertaken and qualifications obtained with the relative dates and evaluations;
2. The duties, functions performed, the position held and their duration;
3. Any other technical, scientific, didactic or professional activity and experience;
4. List of scientific publications, technical reports, monographs, books, book chapters, patents, etc;
5. Any other supporting information or document that the applicant considers may be relevant for evaluation.

The candidate must attach to the application the documents and qualifications that he believes may be evaluated.

All qualifications have to be valid at deadline date of the application.

EU Member State citizens must declare that the information posted in their CV is true and accurate, by compiling the form in attachment 2 as by artt.46 and 47 D.P.R. n.445/2000.

The titles declared in CV should be documented according to the following:

- Publications, technical reports, monographs, books, book chapter, patents, etc, should not be attached to the application form if they are available in the web or they are identified through a DOI (Digital Object Identifier) number; in such cases the exact web address or the DOI number should be provided. Publications, technical reports, monographs, books, book chapters, patents, etc including degrees theses that are sufficiently described in the CV will be evaluated based on that description, even if prepared in language different from Italian or English, without need to be attached;

- For any other document:

for citizens of the European Union: the documents and titles issued by public administrations belonging to a member state of the European Union will not have to be attached but will be listed in a substitute declaration of certification and deed of notoriety, pursuant to articles 46 and 47 of the

Presidential Decree n. 445/2000, to be filled in using the form in Annex B. The documents and titles issued by administrations belonging to states not belonging to the European Union, or by private EU or non-EU individuals, must be produced in original or in copy; the titles produced in copy must be listed in a substitute declaration of certification and deed of notoriety, pursuant to articles 19 and 47 of the Presidential Decree n. 445/2000, to be filled in using the form in Annex B. Titles written in a language other than Italian or English must be accompanied by an English translation;

for non-EU citizens legally residing in Italy: the documents and titles issued by Italian public administrations may not be produced but listed in a substitute declaration of certification and deed of notoriety, pursuant to articles 46 and 47 of the Presidential Decree n. 445/2000, to be filled in using the model in Annex B. The documents and titles issued by public administrations belonging to states outside the European Union, or by private EU or non-EU individuals, must be produced in original or copy. Titles written in a language other than Italian or English must be accompanied by an English translation;

for all other non-EU citizens: The documents and titles must be produced in original or in copy (also digitally). Titles written in a language other than Italian or English must be accompanied by an English translation.

False declarations shall be punished under the Penal Code and corresponding special laws according to the art. 76, of D.P.R 445/2000. INGV, according to art. 71 and following arts. 75 and 76 of D.P.R 445/2000 and following integrations and modifications verifies the correctness of the declaration provided.

Art.7

Exclusion from the selection

Candidates are admitted conditionally to the selection. The exclusion is explicitly provided in the following cases:

- a) failure to subscribe the application form in autograph form or digital form or in all other methods indicated by art.65 d.lg.7 07/03/2005 n.82, in the case the candidate has sent the application using PEC not entitled to the candidate
- b) no transmission of identity document valid , except the case of subscription of application using the modality defined by art.20 d.lgs. 07/03/2005 n.82;
- c) submission of application after dead-line indicated

The Director of the INGV Sezione di Bologna can exclude from the selection a candidate on the basis of rightful motivations at any time. Exclusion will not be notified to candidates, following Article 13 of INGV Regulations for the assignment of research grants.

Art. 8

Selection Committee

The Selection Committee is appointed by the Director of the Sezione di Bologna after the dead-line defined for application, and is composed of three members chosen among researchers, technologists and experts from INGV or from outside it, one with the role of Selection Committee President and one with the role of the Recording Secretary. The Recording Secretary may be selected among the members of the Selection Committee.

The appointment provision is published on INGV web site.

The Selection Committee can do his activity either in presence or in telematics mode, guaranteeing security and traceability of communications, following current legislation.

Art. 9

Selection procedure

The Selection Committee has available a total of 100 points. For all qualifications, the Selection Committee has available 50 points out of 100. For the interview, the Selection Committee has available 50 points out of 100. Only the candidates with an evaluation of the qualifications evaluation not less than 30 points out of the 50 available are admitted to the interview. The interview is considered passed only if the candidate has an evaluation of 30 points out of the 50 available. The total evaluation will be published by Selection Committee after qualifications and interview evaluations.

The Selection Committee preliminarily adopts the criteria and parameters to which it intends to comply, with specific reference to the characteristics of the project, formalizing them in the relative minutes in its first meeting, in order to assign the relative scores.

The Commission carries out a comparative evaluation of the candidates by examining the qualifications according to the criteria and parameters adopted at the first meeting. Subsequently, the Commission carries out the comparative evaluation of the candidates through an interview, which will focus on the experience declared by the candidate referred to in Art. 3 of this announcement, on the activities covered by the research grant, on the products of the technical or professional scientific research activity and on the level of knowledge of the English language

The date and time of the interview will be communicated to candidates by email (certified email, when possible) with at least 15 days' notice.

The interview will take place via videoconference (webcam is required) on the digital platform "Google Meet".

The link for live streaming will be communicated via certified e-mail to the candidates who will be admitted to the interview, and will be published on the institution's institutional website, in the competition notices section.

To this end, the candidate must have adequate audio and video equipment and Internet connection and at the time of the interview, show the same identification document attached to the admission application. Failure to connect or the unavailability of the candidate on the day and / or time set for the interview, or failure to show the identification document already sent as an attachment to the application form or other identification document will be considered a withdrawal from the interview, and therefore from the selection, whatever the cause is.

At the end of the interview session, the Commission draws up the list of candidates examined with an indication of the score reported by each in the interview itself.

Art.10

Ranking of candidates and awarding of the researcher contract

The Commission forms the merit ranking in descending order of score, obtained, for each candidate, by adding the score of the qualifications and the interview. At the end of the works, the Ranking, approved with a specific provision by the Director of the ONT Section, is published on the INGV website.

Within 15 days from the publication of the ranking list, the INGV, through a special provision, grants the winner the research grant, notifying the person concerned by e-mail. The winner within the peremptory term of fifteen days

from the receipt of the communication of the conferment, must send a declaration of acceptance, simultaneously certifying that he is not in any of the impedimental conditions provided for by the previous art. 4.

Those who, within the deadline set by the announcement, do not declare to accept it or do not present themselves within the established terms, forfeit their right to the research grant. Only deferments from the date of commencement of the allowance due to duly certified health reasons and mandatory abstention for maternity can be justified.

The grant is awarded through a private law contract. This contract does not in any way constitute an employment relationship and does not give rise to rights regarding access to the roles of INGV staff.

Art.11

Rights and responsibilities

The winner must comply with the requirements of the INGV Regulations for the awarding of research grants available on the page: <http://istituto.ingv.it/it/amministrazionetrasparente/disposizioni-general/atti-general/atti-amministrativi-general/decreti-e-delibere/anno-2019-1/decreti-del-presidente-e-del-direttore-generale-3/10160-n-011-dp-emanazione-nuovo-regolamento-per-il-conferimento-degli-assegni-di-ricerca-pdf/file.html>

Research activities will be developed in the frame of activities from art.1 and the candidate is committed to respect all rules defined by INGV.. To the aims and objectives of the foreseen activities, the appointed researcher has full access to the infrastructures, instruments and services at their appointment structure, according to the applicable rules and regulation approved by INGV.

In case of work trips in the frame of the planned research activities, and subject to written authorization by scientific responsible and of the Section Director, the related cost will be reimbursed according to the criteria and model established by the current regulations.

Art. 12

Forfeiture and termination

Procedures for termination of contract can be started at any moment during the appointment in case the granted researcher fails to regularly and continuously prosecute their activities without justification, or if the granted researcher is responsible of serious and repeated failures or shortcomings. Those termination procedures require duly motivated requested by Scientific Responsible approved by the General Director.

Art. 13

Processing of personal data

The holder of personal data processing is the INGV. In charge of processing are the people involved in the selection procedure and authorized to the personal data treatment ex art.29 GDPR, defined by the holder during the procedure. The holder nominated one person for scope ex art.2-quaterdecies of Privacy Code as from D.lgs. 101/2018.

All data collected from subscription application will be treated exclusively for the scope connected to the procedure and for subsequent activities connected to the hiring process in compliance with specific legislation.

Data provided by candidates to participate to the public selection can be saved in specific databases and can be treated and stored, in compliance with the obligations established by law and for the time necessary to manage the selection procedure and ranking, in computer/paper archives for necessary fulfilments pertaining the General Direction, Central Directions, Responsible of the procedure and Selection Committee related to the present procedure and to fulfil specific obligations imposed by laws, regulations and community legislation. Candidate data treatment is necessary to fulfil legal obligation to which is subject the holder of the treatment and also to the execution of a contract of which the interested party could be a party or to the execution of pre-contractual measures (as by art.6 co 1 lett.C, B of GDPR). The provision of data is mandatory and the refusal to provide data implies the impossibility to proceed to evaluation and to subsequent fulfilments related to the procedure.

Personal data in question are treated, in compliance with the provisions of the law, using security measures to guarantee privacy of subject interested to which data are referred.

Personal data can be communicated to other subjects, private or public, when this is required by law or regulations.

Personal data can be communicated in compliance to regulations from Privacy Authority. The final ranking is widespread by publication as defined by specific laws and, in compliance with the principles of relevance and non-excess, using the Administration website. The interested subject can exercise, at conditions and limits from Regulation UE 2016/679, the rights provided by art.15 and following of above Regulation, that is personal data access, data modification or cancellation, treatment limitation, data portability, opposition to processing.

The interested subject can also exercise the right to propose a complaint to the Privacy Authority.

Art. 14

Access to documents and Responsible for the procedure

Candidates can exercise the right to access documents, pursuant to current legal provisions and the Administration regulations.

Submitting application the candidate declares to be aware that possible documents access request should be considered by Administration only after information to all owner of documents involved and being part of candidate documents.

In order to facilitate darkening personal data in case of documents access, candidates have to deliver documentation in digital form without cyber protection.

The Responsible for the procedure is the Director of Sezione INGV ONT – PEC: aoo.cnt@pec.it

Art. 15

Advertisement of the selection process and Final Rules

The present call is advertised on the INGV official board and by publication on the website of INGV and MUR.

For what is not provided for in this announcement, reference is made to the current laws and regulations in force.

The personal data provided by the candidates will be processed, in accordance with law n. 196/2003 and subsequent amendments exclusively for the purposes of managing the selective procedure.

Director of Sezione ONT
Dott. Salvatore Stramondo