CALL FOR APPLICATIONS FOR THE AWARDING OF N. 1 POST-DOCTORAL GRANT FOR CARRYING OUT RESEARCH ACTIVITIES PURSUANT TO ART. 22 LAW 240/10

Article 1 – Object

The Department of Earth, Environmental and Resources Sciences of the University of Naples Federico II, hereinafter referred to as the "Structure", announces a public selection, based on qualifications and interview, for the assignment of no. 1 Post-doctoral grants for carrying out research activities, hereinafter referred to as "Grants".

The characteristics of the Grant are reported in Annex A of this notice, which specifically lists:

- the scientific area of interest and the scientific-disciplinary sector
- the location and duration of the Grant
- the gross amount for the year, net of charges to be borne by the University
- the expected start date
- the compatibility or otherwise of the contract Grant with teaching or supplementary teaching activities
- the description of the research program to be carried out and the funding body (where applicable)
- the scientific responsible, if already identified
- the scientific experience required
- the maximum number of scientific publications or other research products that can be submitted for this selection

Article 2 – Degree required

Even if obtained abroad, those possessing a Ph.D. or equivalent qualification can participate in the selection. The Ph.D. title can be replaced by a specialization diploma accompanied by adequate scientific production for medical disciplines. In the case of a qualification obtained abroad, admission to the competition is initially conditional. The selection board will assess equivalence during the assessment of the qualifications. Candidates must hold the required qualification by the deadline for applying.

Article 3 – Exclusions

Permanent personnel of universities, institutions, and public research and experimentation bodies, the National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) and the Italian Space Agency (ASI), as well as institutions whose scientific specialization diploma has been recognized as equivalent to the title of research doctor according to article 74, fourth paragraph, of the decree of the President of the Republic of 11 July 1980, n. 382 are excluded from participating in the competition.
Furthermore, those who have a degree of kinship or affinity up to and including the fourth grade with a professor belonging to the Structure who has deliberated on the issuance of the selective procedure or who appears to be the place of conduct of the research activity or with the Rector, the General Director or a member of the Board of Directors of the University of Naples Federico II, may not participate in the competition.

Finally, subjects who have already held research grants under law n. 240/2010, including renewals, for a total time which, added to the duration of the research fellowship referred to in this announcement, exceeds six years, excluding from the calculation any periods carried out coinciding with Ph.D. courses, may not participate in the competition. In addition, subjects who have already held contracts as referred to in Art. 22 (i.e., research grants) and 24 (i.e., fixed-term researchers) of Law no. 240/2010, also occurred with various state, non-state or telematic universities, as well as with the bodies referred to in paragraph 1 of Art. 22 of Law no. 240/2010, for a total time that, added to the duration of the Grant referred to in this notice, exceeds twelve years, even non-continuous. For the duration of the relationships mentioned above, the periods spent on maternity leave or for health reasons under current legislation do not count.

Article 4 – Application

The application to participate in the competition must be received no later than 1 September 2023 at 12 p.m. (CET).

The application, digitally signed or by a scanned signature accompanied by a copy of an identification document, must be sent by electronic mail (e-mail) to the following address: dip.scienze-terambris@pec.unina.it, indicating in the subject "Application for post-doctoral research grant", followed by the identification number of the competition. The applicant's surname, first name, address, and competition identification number must be stated in the body of the e-mail. In any case, the University assumes no responsibility for any technical problem arising during the transmission of the e-mail or if the file transfer service does not work correctly.

If an applicant intends to compete in multiple selections for the awarding of research grants with different identification numbers, the same number of applications must be submitted by separate e-mails.

Article 5 – Content of the application and attachments

The application must be drawn up in accordance with Annex B of this announcement and must contain the following information and declarations:

a) personal details, date and place of birth, citizenship, residence, and tax code (if already available, in the case of candidates with foreign citizenship);

b) the specific indication of the identification number of the competition and the structure hosting the research activity;

c) the e-mail address, possibly certified, and the telephone number to which communications relating to this selection are to be sent, as well as the commitment to promptly communicate any changes to such contact details (note: communications will not be sent by ordinary mail services).
d) declaration of possession of a Ph.D. title or an equivalent qualification or of expecting to obtain it by the date indicated in Article 2; in the case of medical disciplines, the declaration may concern the possession of a specialization diploma accompanied by an adequate scientific production;

e) declaration of not falling into any exclusion condition from the competition listed in Article 3 of this announcement.

The following must be attached to the application:

1) Copy of an identification document

2) Curriculum of applicant's scientific and professional activity

3) List of publications (or other research products) referred to at point 4

4) Publications (or other research products) within the maximum number possibly specified in Annex A of this call. The master's degree or doctoral thesis can be presented instead of a publication.

5) Copy of the documentation proving the possession of the required qualification, referred to in Article 2, or substitutive declaration of certification, pursuant to Art. 46 of Presidential Decree n.445/2000, made according to Annex C of this notice.

6) Copy of the documentation proving the possession of any other qualifications held which are considered helpful for the purposes of the competition (degrees, masters, specialization diplomas, Ph.D., post-graduate specialization courses obtained in Italy or abroad, scholarships study, contracts or other formal research assignments both in Italy and abroad, etc.), or self-certification declaration, pursuant to Art. 46 of Presidential Decree n.445/2000, made according to Annex C of this notice.

Applications not containing the required declarations and to which the required documentation is not attached will not be considered.

Please note that the Administration does not assume any responsibility for the case of dispersion of communications due to inaccurate indications of the contact information by the applicant or failure or late communication of their change, nor for any postal or telematic problems not attributable to the fault of the Administration itself.

In the case of a paper application, the candidates must ensure, within three months of completion of the competition, the withdrawal of titles and any publications attached to the application for participation; after the indicated period, the Administration will trash the titles mentioned above and publications.

**Article 6 – Evaluation procedure and assignment of the research Grant**

The Commission in charge of the selection is made up of three members chosen among university professors and researchers.

The Commission must complete the work within sixty (60) days of notification of the appointment decree. A unit of technical-administrative staff may participate in the Commission's work with verbalization functions only.

In the first meeting, the Commission establishes the criteria and procedures for evaluating the qualifications and the interview to be formalized in the relative verbals. The overall score in the
evaluation is 100 points, of which up to 30 points are assigned to titles and up to 70 points are assigned to the interview.

Before evaluating the qualifications, the Commission verifies the equivalence of any qualifications required for access to the procedure and obtained in foreign countries by the candidates. During the assessment of the qualifications, the Commission should therefore allocate a distinct score, in accordance with the above, to each of the following items:

- master's degree mark or equivalent qualification;
- publications and other research products submitted for evaluation, up to the maximum number set forth in Annex A of the notice; the master's thesis or the doctoral thesis can be evaluated instead of a publication;
- any specialization diplomas and post-graduate specialization courses;
- other qualifications related to the research activity carried out, such as holding contracts, scholarships and positions in universities or national or international research institutions.

The evaluation will consider the consistency of the qualifications with the scientific area of interest and/or the scientific-disciplinary sector as well as with the scientific experience required in the call. In evaluating publications and other research products, the Commission will also take into account the following general criteria: originality, innovativeness and methodological rigor; scientific relevance of the editorial placement of publications and their dissemination within the scientific community; individual contribution of the candidate.

The date of the publication of the results of the evaluation of qualifications and the date of summoning the candidates for the interview are indicated in Annex A. This announcement constitutes a notice of convocation for the candidates.

The interview of a candidate may also be carried out remotely through media which guarantees the identification of the candidate and the publicity of the test. The interview can be held in English or another foreign language relevant to the planned research activity. At the end of the interviews, the Commission of selection will publish the list of candidates examined, with an indication of the scores obtained by each one, by posting it at the venue where the interviews are held and electronically.

The Commission will formulate the ranking list in descending order, adding up the score of the qualifications and of the possible project and that of the interview. In the event of a tie, the youngest candidate will be given priority.

The competition documents are approved by Decree of the Director of the Structure. The same decree will indicate the deadline for accepting the position. Grant positions are awarded to the first eligible candidates, according to the ranking order. In the event of renunciation by the assignees or non-acceptance within the specified deadline, or forfeiture from the ranking list due to failure to obtain the Ph.D. title by the date indicated in Annex A, the Grants are awarded to the subsequent suitable candidates according to the order of the ranking.

The Grant is awarded following the stipulation of a specific contract with the Structure, which the Grant winner must sign within the times indicated by the Structure, under penalty of forfeiture of the right.
**Article 7 – Activities and obligations of Grant holders**

The presumed start date of the activity is indicated in Annex A of the notice. This date is subject to reasonable flexibility, provided that this does not affect the performance of the planned research activity and the financial coverage of the fellowship. Grant holders carry out their activity within the research project object of the announcement, as indicated in Annex A, under the direction of a scientific manager appointed by the Structure, in compliance with the following criteria: flexibility in responding to the needs of the activity, continuous nature of the activity, temporal definition, not mere occasionality, coordination with respect to the overall activity of the client University, close link with the realization of a research program, autonomous development of the collaboration within the program.

Grant holders have the right to use, for the purposes of carrying out their research activities, the facilities, equipment and services available at the Department where the research is based, under the same rules valid for other researchers in the Department. They can also receive mission assignments in the context of research activities.

The Grant holder may carry out supplementary teaching activities free of charge, subject to the authorization of the scientific director. Unless explicitly excluded in Annex A of this notice, the Grant holder may also carry out paid teaching activities pursuant to art. 23, paragraph 2, of the law n. 240 of 2010, subject to the authorization of the head of the relevant structure, on the opinion of the scientific responsible. The awarding of a contract involving the assumption of responsibility for a module or teaching is permitted only to holders of post-doctoral fellowships. The total didactic activity, carried out in any capacity, excluding seminars, cannot exceed 60 frontal hours per year.

Physicians holding Grants for medical-clinical sciences, if qualified to carry out their profession, can carry out assistance and care activities exclusively in relation to the needs of the research project or programme, subject to authorization by the decision-making body of the structure where the research is based.

At regular intervals, according to a calendar set by the Structure, Grant holders are required to present a written report on the research activity carried out, endorsed by the scientific responsible. At the end of the Fellowship period, the holder will have to present a final report on the activity carried out which, accompanied by the opinion of the scientific responsible, will be subjected to a final evaluation by the deliberating body of the Structure.

The Grants do not constitute a subordinate employment relationship nor give rise to any right regarding access to University roles.

**Article 8 – Prohibition of accumulation, incompatibility, expectations and interruptions**

The Grant is individual. The beneficiaries cannot combine it - under penalty of forfeiture - with income from professional activities or employment relationships carried out on an ongoing basis.

The Grants cannot be combined with other scholarships awarded for any reason, except with those awarded by national or foreign institutions useful for integrating the research activity of the Grant holders with stays abroad.
Grant entitlement is incompatible with attending undergraduate, postgraduate or master’s degree courses, Ph.D. with scholarship and specialization in healthcare, in Italy or abroad. It is allowed to attend a Ph.D. course without scholarship.

Grant holders are not allowed to carry out internal assignments at the University, except as provided for in Article 7. Without prejudice to the full performance of their duties, Grant holders may request, exceptionally, to carry out assignments external to the University, subject to authorization by the decision-making body of the relevant Structure, having heard the opinion of the scientific supervisor, provided that they are occasional and short-term, do not involve a conflict of interest with the specific research activity carried out by the grant holder and, in relation to the activities carried out, do not in any case prejudice the University.

The Grants can be awarded to personnel employed by public administrations, provided that they are placed on leave without grants for the duration of the Grants.

The research activity shall be suspended during the period of compulsory abstention for duly proven maternity and illness, provided that the entire duration of the Grant cannot be reduced due to the suspensions mentioned above. It is also possible to suspend the Grant for other serious reasons that prevent the conduct of the research, at the request of the scientific responsible and with the approval of the deliberating body of the Structure, provided that the suspension does not affect the financial coverage of the Grant. A total period of justified absence not exceeding thirty days in a year does not constitute suspension and, consequently, should not be made up for.

**Article 9 – Tax, social security and insurance treatment**

The Grants awarded pursuant to this regulation shall, in matters of taxation, social security, compulsory maternity leave, and sick leave, as provided by Art. 22 paragraph 6 of Law 30 December 2010, n. 240. During the period of compulsory maternity leave, the allowance paid by INPS pursuant to Art. 5 of the decree of the Minister of Labor and Social Security of 12 July 2007 is supplemented by the University up to the full amount of the research grant.

The University provides insurance coverage for accidents and civil liability towards third parties in favor of Grant holders as part of their research activities.

**Article 10 – Forfeiture, withdrawal, termination**

Those who, within the term communicated by the Structure, do not sign the relative contract, except for health reasons or causes of force majeure duly and promptly proven, lose the right to stipulate the contract. They also forfeit the attribution of the research grant those who provide false declarations regarding the possession of the requisites, the reasons for exclusion or the incompatibilities pursuant to Art. 3 and 8 of this notice, without prejudice to the further sanctions provided for by the regulations in force.

The research grant holder can withdraw from the contract upon written notice to the structure, with at least 15 days’ notice. The last month’s payment will be commensurate with the period of activity carried out. In the event of failure to give notice by the Grant holder, the University has the right to withhold or recover from the Grant holder an amount corresponding to the salary for the period of notice not given.
Against the Grant holder who, after starting the scheduled research activity, does not continue it regularly and uninterruptedly for the entire period, without justified reason, or who is responsible for serious and repeated shortcomings or non-compliances, the procedure for declaring the termination of the contract, on the reasoned proposal of the scientific director, approved by the decision-making body of the relevant Structure, is started. The specific causes of termination may be the following: unjustified failure to start the activity or delay in the effective start of the activity; unjustified suspension of the activity for a period which is detrimental to the research programme; violation of the regime of incompatibilities reiterated after a first notice; a negative judgment on the research carried out, expressed by the deliberating body of the Structure of affiliation.

**Article 11 – Processing of personal data**

Pursuant to EU Regulation no. 679/2016, candidates are informed that the processing of personal data they provide will be processed, in paper or electronic form, for the sole purpose of this procedure and the possible establishment of the employment relationship and for the purposes connected with its management.

The processing will take place by the persons in charge of the procedure, as well as by the selection commission, with the use of procedures, including computerized ones, in the ways and within the limits necessary to pursue the aforementioned purposes, even in the event of any communication to third parties.

The provision of such data is necessary for the evaluation, for the verification of the participation requirements and the effective possession of the declared qualifications. Failure to indicate them may preclude these obligations and, in the cases provided for by the notice, may result in exclusion from the selection procedure. Further data may be requested from candidates for the aforementioned purpose only.

The data collected may be communicated to any persons entitled pursuant to law n. 241/1990, of Legislative Decree 33/2013 and their subsequent amendments and additions.

The data will be stored, in compliance with the provisions of current legislation on the subject, for a period of time not exceeding that necessary to achieve the purposes for which they are processed.

Pursuant to GDPR 2016/679, the University of Naples Federico II may publish on the University website the Curriculum Vitae provided as an annex to the application for participation of the winners for institutional purposes and in compliance with Legislative Decree no. 33 of 14 March 2013 (Transparency Decree) as amended by Legislative Decree 97 of 2016. It is understood that, in addition to the complete Curriculum Vitae, it will be possible to provide a specific Curriculum Vitae, private of personal data, for the sole purpose of publication on the University website.

Candidates are entitled to the rights referred to in the third chapter of EU Regulation no. 679/2016, in particular, the right to access their personal data, to request their rectification, updating and deletion, if incomplete, erroneous or collected in violation of the law, as well as to oppose their treatment for legitimate reasons. Further information and guidance on complaints procedures and data protection responsibilities are available on the dedicated website, address http://www.unina.it/ateneo/statuto-e-normativa/privacy.
Article 12 – Referral and other matters
For matters not covered by this announcement, please refer to the current University Regulations for the awarding of grants for carrying out research activities.

The department Director
Prof. Vicenzo Morra
## INFORMATION FORM CALL FOR RESEARCH GRANTS

<table>
<thead>
<tr>
<th><strong>Competition procedure identification number</strong></th>
<th>Post Doctoral Grant Rif 13/Distar PNRR RETURN</th>
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<tbody>
<tr>
<td><strong>Procedure typology</strong></td>
<td>Research project defined in the announcement</td>
</tr>
<tr>
<td><strong>Research site structure</strong></td>
<td>Department of Earth, Environmental and Resources Sciences of the Federico II University of Naples</td>
</tr>
<tr>
<td><strong>Scientific area</strong></td>
<td>Earth Science</td>
</tr>
<tr>
<td><strong>Scientific-disciplinary sector</strong></td>
<td>GEO/08 (Environmental Geochemistry)</td>
</tr>
<tr>
<td><strong>Grant type</strong></td>
<td>Post-doctoral</td>
</tr>
<tr>
<td><strong>Qualification required for access and deadline for achievement</strong></td>
<td>PhD or equivalent, obtained by the following date: 01/07/2023</td>
</tr>
<tr>
<td><strong>Expected start date</strong></td>
<td>01/10/2023</td>
</tr>
<tr>
<td><strong>Duration of the contract (in months)</strong></td>
<td>24</td>
</tr>
<tr>
<td><strong>Annual gross amount (to the employee)</strong></td>
<td>19367.00</td>
</tr>
<tr>
<td><strong>Compatibility of the Grant with paid teaching activities pursuant to Art. 23 law 240/2010</strong></td>
<td>Compatible, but still required authorization of the head of the Structure, on the opinion of the scientific responsible</td>
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### Brief description of the research program

- The activities to be carried out under the program shall include:
  - the search, acquisition and optimization of data produced at European and national level containing systematic information on the state of environmental media (air, surface and groundwater, soils and sediments.) (Task 2.2)
  - the application of statistical and geospatial techniques to determine reference levels of the natural geochemical background and to estimate the degree of variability of inorganic and organic substances in fluvial sediments, soil and surface waters of highly anthropized catchment areas (Task 4.2)
  - the development of a classification and prioritization methodology on a regional scale of areas with environmental criticalities using chemical, physical and biological information (Task 4.2)

### Financing body (with grant number, when applicable)

- **Scientific Responsible (if already identified)**: Prof. Stefano Albanese
- **Any scientific experience required**: Experience in the use of different GIS software is required for the development of multifractal processing techniques of geochemical data as well as experience in the application of multivariate statistical analysis techniques and advanced data transformation techniques (eg, Compositional Data Analysis).
- **Maximum number of scientific publications (or other research products) to be presented**: 10
- **Date, time and place of publication of securities valuation results**: 05/09/2023 at 12:00 Official Register of the Department of Earth, Environment and Resources Sciences – University Complex of Monte Sant’Angelo (Ed. 10), Via Vicinale Cupa Cintia 21, 80126 Naples – at the premises of the Administration
- **Date, time and place of the interview test**: 11/09/2023 at 10.00
ANNEX B

APPLICATION FORM

To the Director of ____________________
University of Naples Federico II

I undersigned (surname) __________________________ (name) ______________________, born on ____________ in ______________________________ (province ________), resident in ___________________________ (province _____), street ______________________________ , n._______, zip code ___________, citizenship ____________________, tax code (only if citizen Italian) ___________________________________, CELL. __________________ E-MAIL ____________________________,

ASK to be admitted to the competition for the assignment of Grants for carrying out research activities pursuant to Art. 22 L. 240/10 with identification number ___________________, research site structure ________________________________________________________________________.

To this end, aware of the penal sanctions provided for by Art. 76 of the Presidential Decree of 28 December 2000, n. 445 for the case of false or false declarations,

DECLARE

A. To have obtained the PhD title on __________ at the University ______________________

B. Not to be included in any of the situations of exclusion listed in Art. 3 of the competition notice to which this application form refers.

The undersigned undertakes to promptly communicate any changes to the telephone and e-mail addresses indicated above.

The following documents are attached to this application:

1) Copy of the identification document.

2) Curriculum of one's scientific and professional activity.

3) List of publications or other research products referred to in point 4.

4) Publications or other research products proposed for evaluation.

5) Documentation proving the possession of the qualification referred to in declaration A of this application, or corresponding declaration in lieu of certification, pursuant to Art. 46 of Presidential Decree n.445/2000, made according to attachment C of this announcement (if applicable).

6) Documentation proving possession of any other qualifications held which are considered useful for the purposes of the competition, or corresponding self-certification declaration, pursuant to Art. 46 of Presidential Decree no. 445/2000, made according to attachment C of this notice (also merged with the declaration referred to in point 5).
Finally, he declares that he is aware that the personal data provided in this application and its attachments will be used by the university administration only for institutional purposes and for the completion of the competition procedure, as detailed in article 11 of the announcement.

______________________
(date)

_____________________________________
(signature)
ANNEX C

DECLARATION OF CERTIFICATION/AFFIDAVIT

I undersigned (surname) (name), born on ____________ in ______________________________ (province ________), resident in ______________________________, street ______________________________, n._______, zip code ____________, aware of the penal sanctions provided for by Art. 76 of Presidential Decree 28 December 2000, n. 445, in the case of false or false declarations, in relation to your application to participate in the competition for research grants,

DECLARE
to possess the following qualifications (to be reported with the name of the institution that issued the qualification, the date of achievement, and details relating to the achievement of the qualification, e.g. final grade, etc.):

1) ______________________________________________________________________
2) ______________________________________________________________________
3) ______________________________________________________________________
...

FURTHER DECLARE

that the following documents attached to the application are in conformity with the respective originals:

1) ______________________________________________________________________
2) ______________________________________________________________________
3) ______________________________________________________________________
...

____________________
(date)

_____________________________________
(signature)

Note: This form must be accompanied by a photocopy of a valid identity document of the person who signed it.

Warnings:
- the declarant is criminally responsible in case of false declaration (art. 76, DPR 28 December 2000, n. 445)
- The declarant forfeits any benefits that may have been obtained from the provision issued on the basis of the untruthful declaration (art. 75, Presidential Decree 28 December 2000, n. 445)