# NATIONAL RESEARCH COUNCIL - CONSIGLIO NAZIONALE DELLE RICERCHE (CNR) Institute of Marine Sciences - - Istituto di Scieze Marine (ISMAR) Unit of Pozzuolo di Lerici (SP) - - U.O.S. di Pozzuolo di Lerici (SP)

Notice of selection No. AS 5/2014 SP

THE ENGLISH LANGUAGE TRANSLATION DOES NOT HAVE LEGAL VALUE IN ITSELF, AND THUS DOES NOT SUPERSEDE THE ITALIAN VERSION OF THE CALL ANNOUNCEMENT ("BANDO").

PUBLIC SELECTION PROCEDURE FOR Nº 1 RESEARCH FELLOWSHIP (category: A) "Assegni Professionalizzanti") FOR CONDUCTING RESEARCH ACTIVITIES RELATED TO THE RESEARCH PROJECT RITMARE.

#### THE DIRECTOR

**CONSIDERING** Legislative Decree 4 June 2003, n. 127 on "Reorganization of the National Research Council (CNR)";

**CONSIDERING** Legislative Decree 31 December 2009, n. 213 on "Reorganization of the research institutions to implement Article 1 of Law 27 September 2007, n.165";

**CONSIDERING** the Statute of the National Research Council, issued by order of President n. 000018 on March 10, 2011 published on the website of the Ministry of Education, University and Research on the Official Gazette of the Italian Republic n. 90 of 19 April 2011, enforced on May 1, 2011;

**CONSIDERING** the Rules of Organization and Functioning of the CNR DP CNR of May 4, 2005 published in the ordinary supplement n. 101 of the Official Gazette of the Italian Republic n. 124 of May 30, 2005, and in particular Article 47 as amended by Decree of the President of CNR n.000017, prot. n. 21306 of 8 March 2011 published in the Gazette - General Series - n. 60 of 14 March 2011;

**CONSIDERING** the DPR December 28, 2000, n. 445 on "Consolidated laws and regulations on administrative documentation" and subsequent amendments;

**CONSIDERING** the Legislative Decree 30 June 2003, n. 196, concerning "Code regarding the protection of personal data";

CONSIDERING Article 22 of Law 30 December 2010, n. 240 enforced on January 29, 2011;

**CONSIDERING** the guidelines for being awarded with fellowships and for conducting research activities at CNR, approved by the Board of Directors with order n. 28 on February 9, 2011, subsequently amended by resolutions n. 62 (March 23, 2011), n. 186 (September 22, 2011) and n. 189 (November 27, 2013);

**CONSIDERING** the Ministerial Decree n. 102 of March 9, 2011, concerning the definition of the minimum salary for research fellowships;

**CONSIDERING** the Law 11 November 2011, n. 183, and in particular Article 15 (Stability Act 2012); **CONSIDERING** the directive of the Ministry of Public Administration and Simplification n. 14/2011 to implement the new provisions relating to certificates and affidavits of Article 15 of Law November 12, 2011, n. 183;

**CONSIDERING** the Law 4 April 2012, n. 35 and in particular Article 8 (Comma 1);

**CONSIDERING** the Legislative Decree 14 march 2013, n. 33 on "Reordering discipline about duties of publishing, transparency and diffusion of information by the public administrations";

**VERIFIED** that the costs of the research fellowship are covered by the proper RITMARE GAE (Ritmare Magaldi) P0000642/2012 and P0000666/2013, budget item 1.01.121;

#### **ANNOUNCES**

### Art. 1 Research Project

A public selection procedure is open, based on titles and an interview, for the award of n. 1 (one) Research Fellowship (category: A) "Assegni professionalizzanti") for conducting research activities in the Scientific Area of EARTH SCIENCES ("SCIENZE DELLA TERRA") at the Institute of Marine Sciences, Unit of Pozzuolo di Lerici (La Spezia) of the CNR, performing research activities related to the research program RITMARE, for the following topic: "Development of high-resolution numerical models, both hydrostatic and non-hydrostatic, for the Eastern Ligurian Sea and assessment of the impact of submesoscale processes on connectivity", under the scientific responsibility of Dr. Marcello Gatimu MAGALDI

### Art. 2 Duration and wage of the Research Fellowship

The research fellowship will last for **2** (**two**) **years** and, in case of more renewals, its duration cannot be longer than four years, as stated in Article 22, Comma 3 of Law 240/2010. Enrollment periods in Ph.D. programs are excluded in the calculations of the aforementioned duration, always considering the maximum legal duration limit of the Ph.D. program.

According to Article 4, Comma 2 of the guidelines for being awarded with fellowships and for conducting research activities at CNR, the total duration of fixed-term contracts with the CNR must not be longer than 10 years, even if not continuous, including all employment relationships, collaborations, research fellowships and scholarships. Relationships of association, other forms of cooperation without retribution, the time spent on Ph.D. programs; the time spent on maternity leave or for health issues and periods prior to 1 May 2011, will not be taken into account in the calculation, according to current legislation

Any delay in the starting date of the research activity, or any interruption, will be allowed in case of maternity or illness periods longer than thirty days. The interruption of the research activity which is justified, motivated and proved under the aforementioned circumstances, will lead to the suspension of the payment during the period of the interruption, except for what is ruled by Article 13 of the guidelines for being awarded with fellowships and for conducting research activities at CNR, or other specific regulations. The fellowship will be then extended by a period equal to the duration of the interruption.

The annual wage of the research fellowship, paid in monthly postponed installments, is set at EUR 19,367.00 (nineteen-thousand-three-hundred-sixty seven/00) at the net of the expenses in charge of CNR.

The fellowship wage can be waived for the category "Assegni di ricerca grant" and for those fellowships under research programs or training to research programs, funded or cofunded by National or International Authorities whose specific regulations do consider, in a binding way, how to determine the wage to be paid out.

This does not include travel expenses in Italy or abroad, necessary to carry out research activities related to the fellowship. The economic treatment in case of travel is equal to that of CNR employees at the professional level III.

The fellowship recipient is covered by a cumulative insurance policy undersigned by CNR.

The selected candidate will carry out her/his research activities in an autonomous manner, within the limits of the program set by the scientific responsible of the research activity, without predetermined working hours.

# Art. 3 Requirements for being admitted to the selection procedure

The selection procedure is open to those individuals who, independently of their nationality or age, are in possession of the following requirements at the deadline date for the submission of applications:

- a) Degree ("Laurea") in Engineering, Computer Sciences, Physics, Environmental Sciences or Nautical Sciences obtained in accordance with the legislation valid before DM 509/99, or the Degree / Master (DM May 5, 2004), with professional resume suitable for the conduct of research;
  - All academic titles obtained abroad (master degree, bachelor degree, doctorate, and any other academic title) shall be previously recognized in Italy in accordance with current legislation (information on the website of the Ministry of University and Scientific Research: www.miur.it). The equivalence of those titles obtained abroad who have not already been recognized in Italy with the above expected formal procedure, will be evaluated, only for the present selection procedure, by the Examining Committee constituted according to Article 6, Comma 1 of the Regulations;
- b) Experiences in topic of Article 1, which need to be declared according to Article 4. Specifically, preferential requirements, which need to be declared according to Article 4, are:
  - experience in numerical models and analysis, with particular emphasis on computational fluid dynamics;
  - past experience in running ocean models, both hydrostatic and non-hydrostatic like, for example, ROMS and MITgcm;
  - past experience in running particle models like, for example, LTRANS, ARIANE and ROFF;
  - excellent computer knowledge: LINUX and UNIX operative systems, shell scripting, track and revision control systems like, for example, GIT and SVN, experience in using High Performance Computing clusters for parallel computing;
  - past experience in programming with different languages (e.g. FORTRAN, MatLAB and Python);
  - experience in validation and analysis of output coming from numerical models.
- c) Good knowledge of English;
- d) Good knowledge of Italian.

The research fellowship cannot be cumulated with scholarships provided by the CNR or other organizations and research institutions, except those granted by the CNR or national or foreign institutions to supplement the research activities of fellowship holders for visiting periods abroad. The holders of research fellowships may be enrolled in Ph.D. programs if they do not receive any form of stipend or scholarships.

CNR employees with either permanent or non-permanent positions, permanent staff employed by other parties as indicated in Article 22, Comma 1, of Law n. 240/2010 cannot apply to the fellowship, and

any application attempt will lead to the placement on leave without stipend of the contractor/employee employed by the government.

According to Article 22, Comma 3, of the aforementioned law, the fellowship is not compatible with being enrolled, in Italy or abroad, in the following programs: undergraduate or master degree, Ph.D. if associated any form of stipend or scholarships, or medical specialization schools.

### Art. 4 Applications and deadlines

#### A) APPLICATIONS

Applications, exclusively edited and conform to the attached form (Annex A), must be sent to the Istituto di Scienze Marine, U.O.S. di Pozzuolo di Lerici, only via Certified Electronic Mail ("Posta Elettronica Certificata – PEC") to the address: protocollo.ismar@pec.cnr.it before April 17, 2014. If the deadline falls on holiday, it will be extended on the very next work day. Applications submitted after the deadline or incomplete applications will be disregarded.

The email object must include the reference to the Selection N. AS 5/2014 SP (special characters should be avoided).

Attachments should be small, preferably in PDF format and not larger than 10MB. When needed, larger attachments should be split in different emails containing specific references in their objects. For technical questions, you are advised to send an email to <a href="mailto:info@sp.ismar.cnr.it">info@sp.ismar.cnr.it</a>.

Applications sent via PEC and the declarations certified according to DPR 445/2000 will be considered valid only if the author and his own credentials are identified by the system through the PEC.

Only foreign applicants are allowed to send the application and the requested declarations (see Comma 5) via ordinary electronic mail to the following email address <a href="mailto:info@sp.ismar.cnr.it">info@sp.ismar.cnr.it</a>. When the application cannot be digitally undersigned, the foreign applicant will validate the application by hand-signing it before the interview.

An e-mail, acknowledging receipt of the application, will be sent to the aforesaid applicants.

Applicants must produce a PDF document containing a self-certified Curriculum Vitae to be completed in accordance with Articles 46 and 47 of Presidential Decree 445/2000 and subsequent amendments. The PDF document must be exclusively edited and conform to the attached form (Annex B), in order to testify the truthfulness of the contents expressed in the Curriculum Vitae. For this reason, the applicant must declare, before the signature, that she/he is aware that, according to Article 76 of the DPR 445/2000, false declarations are punished according to the Italian Penal Code. The PDF document must be accompanied by a photocopy of a valid identification document (Article 76 DPR445/2000). The valid identification document, legibly signed, must be presented at the interview (see Comma 7); no other documents will be accepted for the identification.

The applicant must indicate in the Curriculum Vitae, her/his personal status, facts and qualities; in particular she/he must analytically indicate academic titles, qualifications, scientific publications and/or patents, services provided, functions performed, positions held and any other scientific, professional and educational activity, reporting the exact dates and references for each title and qualification

indicated. The self-certified Curriculum Vitae must be legible and analytical. It also must contain all elements useful to the selection procedure and help the Examining Committee in the evaluation of titles and qualifications. All titles, qualifications, publications and activities provided in ways that are different from the ones indicated above cannot be considered and evaluated by the Examining Committee.

Self-certifications for Italian citizens also apply to European Union citizens. Non-EU citizens who are resident in Italy can use self-certifications or affidavits only in cases where titles, facts and qualifications can be explicitly certified or verified by public or private Italian entities.

The Administration will check the truthfulness of the contents within self-certifications in accordance with Article 71 DPR 445/2000.

Applicants with disabilities must explicitly request the required support in the application in relation to their disability.

Scientific products (e.g. articles, technical reports, monographs, book chapters, and patents) that cannot be found on the internet or those appearing on non-open access journals or books, must also be sent by the applicant via e-mail.

### The applicant must not produce any further documentation in accordance with Article 15 of Law 183/2011.

In accordance with Article 15 Law 183/2011, it is forbidden to submit to public administrations and to private entities of public services, certifications regarding personal statuses, qualities and facts that are always substituted by self-certifications or affidavits (Articles 46 and 47 DPR 445/200).

All communications related to the present selection procedure will be sent to the PEC-address of the applicants. The CNR will not undertake any responsibility or liability for any possible network connection malfunction.

### Art. 5 Exclusion from the Selection Procedure

Applicants are conditionally admitted to the selection procedure.

The exclusion from the selection procedure for lack of requirements can be arranged at any time with a motivated order by the Director of the Institute. The exclusion will be communicated to the applicant.

### Art. 6 Examining Committee

The Examining Committee will be appointed by an order of the Director of the Institute and is composed of three members: it must include the scientific responsible of the research activity, who may be either a researcher or a technologist, either internal or external to CNR. The other Committee members must be researchers or experts in the field, either internal or external to CNR. Two other substitute members, internal or external to the Institute, must be also appointed. According to the case, the Director can activate the procedure of equivalence as in the last sentence of Comma 1 Article 3 of the Regulations, and may appoint a University Professor as member of the Examining Committee to recognize the equivalence of academic titles obtained abroad. The functions of secretary may also be performed by a member of the Committee.

In the first meeting, the Committee will appoint the President and, if necessary, the member who will perform as secretary.

The Committee can also perform these tasks via video-conferencing systems.

The Committee must conclude the first procedure for the evaluation of titles within sixty days after the application deadline. Cases of motivated impossibility are excluded.

# Art. 7 Selection procedure and Ranking

The Committee will select applicants by evaluating their titles and an interview. The Committee has a total of 100 points, 70 points for the title evaluation and 30 points for the interview.

Only applicants achieving a grade of 45/70 points after the title evaluation are admitted to the interview.

The Commission will first decide the criteria and parameters to be used in the selection procedure, keeping specific references to the characteristics asked in the research project. Criteria and parameters include the requirements for the <u>type of fellowship of the selection</u> such as the typology of the degree, the subject of the Ph.D., of the diplomas and certificates of attendance of post-graduate qualifications, obtained in Italy and abroad, the participation in national/European projects and of the research activities in public or private institutions, under grants, fellowships or collaboration contracts, both in Italy and abroad, declared and certified according to Article 4.

The interview will be held on May 27, 2014 at 10am at the l'Istituto di Scienze Marine U.O.S. di Pozzuolo di Lerici - Forte S. Teresa snc Loc. Pozzuolo di Lerici 19032 Lerici (SP).

The communication notice for attending the interview will be sent to the applicants via PEC within 10 days after the application deadline (April 27, 2014). The score achieved after the title evaluation procedure will be communicated in the same notice sent via PEC.

<u>The interview can be performed via video-conferencing systems</u>, with audio/video supports and procedures which will be communicated by the Institute of the CNR and which will assure publishing, transparency and diffusion of information.

After the interview, the Committee will produce the list of scores obtained by each candidate in the interview. The list, signed by the President and the Secretary of the Committee, will be posted on the notice board of the examination site on the same day of the interview.

To be eligible for the interview, applicants must present a valid identification document. Applicants not showing up at the interview will be declared non-eligible.

At the end of the work, the Committee must prepare a report containing motivated judgments on each applicant, even in a synthetic form.

The Committee will produce the final ranking, in descending order with respect to the final scores and based on the sum of the scores achieved in title evaluation and the interview. The winning applicant or applicants will be pointed out.. In case of equal final scores, the younger applicant will be preferred.

The final ranking will be approved by the Director of the Institute, and will be published by the same Director on the notice board of the examination site, on the CNR website: www.urp.cnr.it and using all other forms of publishing, transparency and diffusion of information considered in this selection procedure.

All participants will be informed about the result of the selection procedure by a communication notice sent via PEC.

The inclusion and nomination of "idoneous" (eligible) applicants in the ranking is not permitted. The Director of the Institute however, after consulting with the person responsible of the research project, can replace that or those winning applicants who had renounced to the fellowship since the beginning, according to the obtained ranking order.

# The National Research Council will not reimburse any of the expenses incurred by applicants for attending the interview.

# Art. 8 Formalization of the relationship and termination of the contract

Within 15 days after posting the list, the Director of the Institute must send to the winner or winners of the selection procedure, in two copies, the order awarding the research fellowship. In the order notice, among other things, the starting date of the research activity will be mentioned. After 15 days from the date of receipt of this notice, the winner or winners of the selection procedure must mandatorily return a copy of the order notice, countersigned for acceptance together with a declaration that any of the impediments of Article 3, Commas 3, 4, 5 and Article 4, Comma 2 and 3 of the guidelines for being awarded with fellowships and for conducting research activities at CNR do not hold. Any delay in the starting date of the research activity can be justified only either for the cases mentioned in Article 2 of the selection procedure or for the cases of force majeure which must be clearly proven.

The winner or winners countersigning the contract must send to the Director of the Institute via PEC, within thirty days from the date of acceptance of the fellowship, the following documents prepared according to the Presidential Decree 445/2000:

- a) self-certification, indicating date and place of birth, citizenship, enjoyments of political rights, highest academic title obtained;
- b) a declaration in form of an affidavit which states that she/he is not employed in any public and private entity, and has not been dismissed or fired from public administrations for persistent poor performance, and has not been revoked with another state employment for having produced false or invalid documents, and has not been interdicted from holding public office on the basis of a previous conviction;
- c) copy of the Italian tax number identification card ("Codice fiscale");
- d) copy of the order of placement on leave without pay, in case of an employee of the public administration. This copy must be sent before the starting date of the research activity.

In case of foreign applicants, all documents issued by the competent authorities of the State of citizenship of the applicant must comply with the provisions enforced in the same State.

The fellowship recipient or recipients who, after starting the planned activity, will interrupt it without justification, or will not carry it on a regular and continuous basis for the entire term, or will be responsible for serious or repeated misconducts or, finally, will prove not to have sufficient attitude for the research activity, may be revoked with the fellowship, with motivated decision of the Director of the Institute, and will stop receiving the wage associated with it.

The person responsible of the research activity will propose the measure of the preceding Comma. The fellowship recipient or recipients must promptly inform the Director of the Institute and the person responsible of the research activity if, for personal reasons, they cannot carry on with the planned activities and they want the fellowship to be revoked. In this case, the fellowship recipient or recipients must return any wages previously received under the fellowship.

# Art. 9 Evaluation of the research activity

The person responsible of the research activity and the fellowship recipient or recipients must send to the Director of the Institute a complete report showing the progress of research before the contract expiration date.

The Director will evaluate the report with a motivated judgment but at his own discretion. In case of a positive evaluation and under the request of the person responsible of the research activity, the Director will express his opinion for a renew of the contract and for a possible salary increase according to the kind of the fellowship (Article 9, Comma 5 of the guidelines for being awarded with fellowships and for conducting research activities at CNR)

### Art. 10 Privacy policy

According to Article 13 of Legislative Decree 30 June 2003, n. 196, all personal information provided by applicants will be collected by the Institute with the only purpose of organizing the selection procedure and will be processed in an automated database. The official documents of the selection must be retained for a period of at least five years.

Providing these data to CNR is compulsory to be evaluated in the selection procedure. Those applicants who will not provide these data will be excluded.

The same data may be disclosed only to Public Administrations directly involved in the selection process or in the legal position of the candidate.

The applicant enjoys the rights under Article 7 of the abovementioned Decree, which include the right of access to data concerning her/his position. The applicant enjoys additional rights including the right to correct, update or delete incorrect and incomplete data or those data not collected in accordance with law. The applicant enjoys the right to oppose the data processing of her/his position for legitimate reasons. These rights may be stressed with the Director of the Institute who is also the responsible of the selection procedure and the representative for the data treatment.

The right of access to the official documents of the selection procedure, under the Law of 7 August 1990 n.241 and subsequent additions and modifications, can be exercised according to Article 10 of the measure n. 22 of 18 May 2007, as supplemented and amended by order n. 62, 8 November 2007 (available on the web page of the CNR www.cnr.it under "Utilità") and with the limitations expressed in the Article 12 of the same order.

### Art. 11 Advertising

The notice of selection is made public by the Director of the Institute, by posting on the website of the Institute, by publishing it on the website of the CNR <a href="www.urp.cnr.it">www.urp.cnr.it</a>, and of MIUR. MIUR will later publish it on the website of the European Union, considering also other particular forms of advertising specifically required by the funders of EU programs.

#### Art. 12 Final Provisions

Where not explicitly indicated in this notice, for the compatible parts, provisions stated either in the guidelines for being awarded with fellowships and for conducting research activities at CNR or those stated in the current regulations about public selection procedures, hold.

THE DIRECTOR

Dr. Fabio Trincardi

#### To the Director of the Istitute of Marine Sciences

The undersigned	(SURNAME: for wom	en indicate unmarr	ied surname)	(NA	ME)	
Codice Fiscale (	(talian tax number)		,	`		
Born in			provi	ince		
On (dd/mm/yyyy)// Resident in			nrovince			
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on (dd/n	nm/yyyy)/; e obtained the PhD	at the Univers	sity			
4. to have in please sp 5. to have/h to (dd/mi	m/yyyy)//no prior criminal conviction ecify); ave not been awarded with a m/yyyy)//_ in Article 2 of the selection	another research fel and to have/not	minal pending lowships in the have worked v	e period from with type of c	01/05/2011 contracts as	
The undersioned	attaches to the present appli	cation:				

- The undersigned attaches to the present application:

  1) a self-certification compliant to Articles 46 and 47 of the DPR 445/2000 to be filled in by using the form included here as Annex B stating the truth of any part of the included Curriculum Vitae et studiorum;
  - 2) a list of scientific works indicated in Article 4 sent via electronic transmission

SIGNATURE	
	SIGNATURE

<sup>\*</sup>If the academic title has been obtained abroad, documentation showing the equivalence with a title obtained in Italy must be presented, according to what established by Article 3, point d) of the present notice.

# **DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE (SELF-CERTIFICATION)** (Article 46 of DPR 445/2000)

**DICHIARAZIONE SOSTITUTIVA DELL'ATTO DI NOTORIETÀ (SELF-CERTIFICATION)** (Article 47 of DPR 445/2000)

The undersigned	
SURNAME (for women unmarried surname	
(for women unmarried surname) NAME	)
DODN IN	PROVINCE
ON (dd/mm/yyyy)//	
	PD OVINVED
RESIDENT IN	PROVINCE
ADDRESS TELEPHONE	
new regulations for certificates and self-certifications BEING AWARE that, according to Article 76 of the public documents and use of false documents are put the current special laws on the subject, declares under that what is declared in the following Curriculum Vitae et sproduction, correspond Curriculum vitae et	DPR 445/2000, false declarations, falsity in unished according to the Penal Code and to r her/his own responsibility:  Studiorum, including information on the scientific is to the truth
Academic titles, qualifications, publications and/or techn functions accomplished, tasks and every scientific, profeordered starting from the most recent qualification)	
Ex: description of the qualification	
date protocol protocol	
issued by	
period of activity from to	
Place and date	
	SIGNATURE

(\*) According to Article 15, Comma 1 of the Law 12 November 2011, n. 183, certifications released from the Public Administration relative to statutes, personal qualities and facts are valid and usable only in the private sector; certificates are always substituted by self-certifications as in Articles 46 and 47 of the DPR 445/2000 when dealing with the Public Administration and providers of public services.

#### N.B.

- 1. Date and sign all the pages of the self-certification.
- 2. Attach to the self-certification a copy of a valid identification document.
- 3. All information provided in the self-certification must be correctly identified with single reference elements (example: date, protocol, title of the publication, etc.).
- 4. The CNR, according to Article 71 and for Articles 75 and 76 of Presidential Decree 445 of 28/12/2000, will check the truthfulness of the self-certifications.
- 5. Current rules on self-certifications apply to both Italian and European Union citizens.
- 6. Non-EU citizens, who are legal residents in Italy, can use the self-certifications according to Articles 46 and 47 of Presidential Decree 445 of 28.12.2000 limited to the statutes, personal qualities and facts certifiable or verifiable by the Italian public entities, subject to any special provisions contained in the laws and regulations governing immigration and the condition of foreigners.
  - In all the other cases, Non-EU citizens who are allowed to stay in the State territory can use the self-certifications when international conventions between Italy and the self-certified citizen State can be applied.