



Patras, 24.01.2023

Ref. No.: 99222

### Invitation for Expression of Interest:

#### Postdoctoral Research Assignment "Measurements of Gas and Particulate Air Pollutants using Low-Cost Sensors"

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE- HT) is seeking applicants for one position for postdoctoral research assignment in the context of the research project «Constrained aerosol forcing for improved climate projections (FORCeS)» (Grant Agreement number: 821205 — FORCeS — H2020-LC-CLA-2018-2019-2020 / H2020-LC-CLA-2018-2) which is implemented under the EU-Horizon 2020 Research and Innovation Action.

#### Job Description

To conduct research under a work or a fixed-term employment contract in the framework of the aforementioned project "FORCeS". The main objective of FORCeS is to understand and reduce the long-standing uncertainty in anthropogenic aerosol radiative forcing and to increase confidence in climate projections. The objective of this job is to improve the simulations of the concentrations of atmospheric pollutants combining model predictions and measurements from low-cost air pollutant sensor networks.

**Location:** FORTH/ICE-HT, Patras, Greece

**Duration:** up to 10 months, with the potential of renewal or extension according to the needs of the project

**Salary:** up to approximately 2000 € per month depending on the qualifications (total cost of the employer, including social security and taxes)

**Envisaged starting date:** 1/3/2023

#### Requirements and Qualifications

Candidates are required to have a Diploma and a PhD in Engineering. Moreover, candidates must have good knowledge of the Greek and English (level B2) language.

The evaluation of the candidacies will be based on the following criteria and qualifications:

Qualifications	Points	Evaluation criteria
Publications in peer-review international journals or in peer-reviewed proceedings of international conferences & meetings in the analysis and processing of data	40	5 points per publication, with a maximum of 40 points



Experience in the use of low-cost sensors	30	10 points per year, with a maximum of 30 points
Participation in research programs in the environmental area	20	10 points per year, with a maximum of 20 points
Relevance of the PhD thesis with analysis and processing of data	10	Medium relevance: 5 points Strong relevance: 10 points
<b>Overall</b>	<b>100</b>	

### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 3/2/2023, 16:00, by email to Kleanthi Zacharopoulou: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr).

In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles & English language certificate
- Copies of publications in peer-review international journals and in peer-reviewed proceedings of international conferences & meetings
- Copy of PhD thesis
- Employer's certificate and any other official documentation of the required experience

**Any application received after the deadline will not be considered for the selection.**

### Selection Procedure

Applications that are received on time will be evaluated by a scientific committee using the criteria mentioned above. If necessary, certain candidates will be invited to a personal interview with the committee.

Interview Criteria:

(a) Background in the objective of the assignment (5 points). (b) Organizational and communication skills (5 points). (c) Team-spirit and self-motivation (5 points). (d) Commitment to achieving the goals (5 points)

The outcome of the selection will be announced on the website of FORTH/ICE-HT as well as on the website of "DIAVGEIA".

### Selection Announcement

The result of the selection will be announced on the website of: FORTH/ICE-HT.

Candidates have the right to appeal the selection decision, by addressing their written objection to the FORTH/ICE-HT Research Secretariat, e-mail: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr), within five (5) days after the results announcement on the web.

### Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the FORTH/ICE-HT Research Secretariat, e-mail: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr), tel.: +30 2610 965278.



For information and questions about the advertised position and the research activity of the group or the Institute, candidates are asked to contact Professor Spyros Pandis, tel: +30 2610 969510, e-mail: [spyros@chemeng.upatras.gr](mailto:spyros@chemeng.upatras.gr).

### **General Protection Data Regulation**

FORTH is compliant with all legal procedures for the processing of personal data as defined by the Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data.

FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law.

FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law. We inform you that under the Regulation EU/2016/679 you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws.

We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at [dpo@admin.forth.gr](mailto:dpo@admin.forth.gr).

You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.

For FORTH/ICE-HT,  
Vasilis Burganos  
Director

