

It complies with the European Charter for Researchers and the code of conduct for the recruitment of researchers

The European Social Fund will co-finance partly the contracts formalized from this call within the Axis 1 Thematic Objective 8 "Promotion of employment and labour mobility", for the period 2014-2020

Call for hiring a Doctor Researcher for the research line "Soil and water quality in the environment"

Ref: DR 2019-02

FUNDACIÓN IMDEA AGUA
Avda. Punto Com, 2
28805 Alcalá de Henares (Madrid), España

IMDEA Water is a non-profit research Institute, promoted by the Community of Madrid, to carry out research in water technologies. This Institute is part of the IMDEA net, new institutional framework that combines support from both public and private sector and harmonizes the research with market demand, strengthening the presence of the private sector in science.

The position

This call is to cover the position of doctor researcher who will be responsible for the research unit on behavior of emerging organic pollutants in the saturated and unsaturated zone.

The selected candidate will be offered a full-time indefinite employment contract (37.5 hours / week)

Annual indicative gross salary: 35.000 y 39.000 euros.

The work to be carried out will be related to the research line on groundwater quality and contamination:

- Study of the transfer of pollutants and their interaction in the environment.
- Evaluation of natural attenuation processes
- Multiscale experimental design (laboratory, pilot, field)
- Reactive transport modeling
- Contribute to the improvement of scientific production and collaborations of IMDEA Water
- Search for external financing
- Lead research projects

The incorporation of the candidate is expected to be in **May 2019**.

Prerequisites

Candidates must satisfy the following requirements:

- Bachelor's degree or equivalent degree in geological sciences or geological engineering
- Doctorate in Earth Sciences or similar
- Previous demonstrable experience (minimum 8 years) in studies of water pollution and numerical modeling of the transport of pollutants in the environment
- Experience in realization of projects for purification and reuse through green filters
- Leadership, coordination or participation in research projects at national and/or international level
- Advanced level of English, spoken and written
- Participation in development / execution and writing of national and European research projects.

Selection criteria

- Curriculum Vitae.
- Adjustment of training and experience of the candidate to the profile requested.
- Experience in research related to contaminants of emerging concern:
 - At laboratory scale: experiments for the evaluation of transport
 - Pilot and field scale: design and analysis of soil and water sampling campaigns, in-situ measurement, management of control and monitoring equipment
- Knowledge of computer applications at user level
- Experience in the application of reactive transport modeling through programs such as Hydrus, PHREEQC, PROCESSING MODFLOW and similar
- Experience in Doctoral Thesis and Final Master Projects
- Ability to work in a team

Those candidates who have the best profile could be called for an interview.

Documents to present

- Curriculum Vitae in Spanish or English.
- Certificate of academic title
- A cover letter presenting his/her candidacy and merits, and including his/her personal motivation (in Spanish or English).

Instructions to apply

Applications and the associated documents must be sent by e-mail to oferta.agua@imdea.org indicating the reference of the position in the subject (Ref. DR 2019-02).

Only applications that include all required documentation indicated in this section, submitted electronically by e-mail and within the deadline specified in the "Deadline" section will be taken into consideration.

Deadline

The deadline for submission of applications is **April 21, 2019**.

Applications received by other way than that specified in this call, after the deadline or incomplete will be rejected automatically.

Workplace

The workplace is at the IMDEA Water Foundation: Avda. Punto Com, 2 - 28805 Alcala de Henares, Madrid.

Resolution

Final decisions will be personally communicated by e-mail to all the candidates.

Personal data protection

Who processes your data? Fundación IMDEA Agua, based at Avenida Punto Com, nº2 - 28805 Madrid, Spain. You may contact the person (data protection delegate) in charge of protecting data at datos.agua@imdea.org

For what purpose? To study your candidacy during the selection process you have opted for.

Why can it do this? Because sending an application implies providing us with your consent to process your data for the intended purposes.

Who else has access to your data? No data are handed to third parties. Candidacies are assessed by a Selection Committee in which different institutions linked to IMDEA AGUA participate.

What rights do you have and where can you request them? Access to, rectify, eliminate, oppose and limit data processing at the above address by sending a copy of your identity. Presenting a claim with the Spanish Data Protection Agency (AEPD).

How long are data kept? If you participate in a selection process, the result will form part of your file held at the Fundación if you are selected, but will be eliminated after 3 years otherwise.