

It complies with the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers

Call for hiring an engineer or graduate for research support in the project

“Lake Chad Basin Groundwater Information”

Ref: AI 2017-05

FUNDACIÓN IMDEA AGUA
Avenida Punto Com, 2, Parque Científico Tecnológico de la Universidad de Alcalá
28805 Alcalá de Henares (Madrid) - SPAIN

IMDEA Water is a non-profit research Institute established by the Government of the Region of Madrid (Spain) to carry out research in water technologies. It is part of the research network called IMDEA that combines the financial support of both the public and private sector and harmonizes the research with market demand, enhancing private sector participation in science.

The position

The call is for hiring an engineer, bachelor or graduate for research support in the project “**Lake Chad Basin Groundwater Information**”. The selected candidate will be offered full time contract for a year. The annual gross salary will be 20.000 euros.

Task and responsibilities will be:

- Search, elaboration and analysis of hydrogeological data of the quaternary aquifer (study area - Lake Chad basin) based on existing information. It includes the possible realization of trips to the study area.
- Design and data inputs to the database and corresponding computer support for further processing.
- Participation in the elaboration of the conceptual model.
- Development of hydrogeological maps using GIS (Geographic Information System).
- Collaboration in the drafting of the corresponding reports.
- Elaboration of the numerical model of the quaternary aquifer.

The incorporation of the candidate is expected to be in October 2017.

Requirements

Candidates must have the following skills and competencies:

- Engineer (mining, geology or civil), or bachelor in Geology or graduate degree with master (in geology, geology engineer, mining, civil).
- Demonstrable previous experience in groundwater numerical modelling
- GIS management

Selection Criteria

- Curriculum Vitae.
- Academic records.
- Valuable knowledge of languages: English and Spanish (high level). French (basic).
- Valuable to have work experience in the application of computer tools (ArcGis, QGis, AutoCAD, databases, spread sheets, etc.) in the resolution of hydrogeological problems.
- Valuable to have work experience in the development and calibration of numerical models in hydrogeology.
- Competences required: analytical and resolute capacity, autonomy, not slowing down before small problems, organized and trained person to design, monitor and fulfil the work plans.
- Ability to adapt to new multidisciplinary work environments, and in particular, of an international type.

Documentation to be delivered

Candidates must provide the following information:

- Curriculum Vitae (in both Spanish and English)
- Official academic transcripts (complete list of courses taken and grades) of the engineering, bachelor or graduate degree, and study certificates
- A cover letter presenting his/her candidacy and merits, and including his/her personal motivation.

Form of application

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. AI 2017-05).

Only applications that include all required documentation as in this section, submitted electronically and within the deadline specified in the section below will be taken into consideration.

Deadline

The deadline for submission of applications is September 15th, 2017.

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

Workplace

The workplace will be at IMDEA Water headquarters.

Resolution

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

Personal data protection

In accordance with that set forth in Organic Law 15/1999, of 13th December, on Personal Data Protection and its implementation regulation, all candidates accept that all the data included in his (her) application are to be included in a data file under the responsibility of IMDEA WATER FOUNDATION, with corporate address at Avenida Punto Com, 2, 28805 Alcalá de Henares (Madrid) for the purpose of manage the selection process and guaranteeing all candidates with the right to accede, correct and cancel all their personal data and its treatment by the IMDEA WATER FOUNDATION in the above mentioned address.