



Call for candidates for a doctoral position at GEP

REF. G2018

Published: 23 July 2020

Deadline: 30 September 2020

Reference: G2018

Research Activities: Wastewater treatment, environment, and Renewable Energies

Candidate: Phd Student

Location : Benguerir

Duration : 24 months

Eligibility : Be enrolled in a doctoral thesis at a National University

DESCRIPTION

As part of the "FuelWater" Project jointly financed by IsDB and GEP, GEP is opening 1 funded PhD position in wastewater treatment for autonomous semiconductor-based electrochemical reactor to produce chemical products such as biofuels.

Role of Phd Student

- Model and size beyond state-of-the-art water treatment electrochemical reactor.
- Test and analyze different wastewaters.
- Define the necessary pretreatment for wastewater
- Develop and test electrochemical reactor.
- Produce biofuels for energy.
- Publish research results and present them at conferences, workshops, etc.;

REQUIREMENTS

- Be enrolled in a doctoral thesis at a National University;
- Skills in electrochemical processes, fluid dynamics and water treatment
- Be able to schedule your work according to project deadlines and deliverables
- Good analytical, synthesis, innovation and communication skills ;
- Strong interest in interdisciplinary research.

The candidate should send the following documents to contact@greenenergypark.ma

- A curriculum vitae;
- Copies of university degrees (doctorate registration certificate);
- A research proposal linked to the project description and to one of the issue areas of the call (2000 words, containing an explanation of topic, Scientific background of candidate, Methodology for completion of research proposal);
- Letter of recommendation by a professor.

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