

OPEN CALL

“Sustainable water management under climate change in Southern Ecuador” – SWACH project, executed by University of Azuay, University of Cuenca and KULeuven offers:

A PhD STUDENT POSITION

To develop adaptative management proposals for drinkable water in Cuenca city under climate change scenarios.

Doctoral project

The doctoral project will contemplate between its components (i) the evaluation of the drinkable water operational system that includes an evaluation of consumption in different Cuenca city sectors and (ii) the generation of management proposals in water demand that includes a subsidiary dynamic analysis about the stockpile and alternatives to water consumption reduction that includes green infrastructure and (iii) proposals generation for adaptative water management in drinkable water system for different water availability future scenarios in the catchment.

Scholarship details

The investigation Project offers a scholarship that includes tuition, a 1200 euros monthly payment during 4 years, financial support to stay one month in KU Leuven Belgium and a work environment in contact with researchers' professors from all project promoters universities.

The Project offers a work environment that will allow you to make high level investigations. The selected person will develop their investigation in the Doctoral of Renewable Natural Resources program, offered by University of Azuay and University of Cuenca.

SWACH Project contributes mainly with 13, 6 y 4 SDG. Also, contributes with SDG 5 about gender equality achieved by a balance between women and men that participates in the project. The present call is directed to incorporate a woman to the team and keep a good representative of women. SWACH promotes gender equality and quality education between women and men.

Postulation requirements

- Write a one-page investigation proposal, from the ideas given in the first section of this document.
- Meet all the admission requirements for the doctoral program:
<https://www.ucuenca.edu.ec/doctorado-rnr/admision/requisitos-de-admision/>
- Updated CV, that must show aptitudes to develop pan investigation using scientific publications, a high investigative level undergraduate and master thesis.
- Have experience in hydrological modelling or water resources systems.
- Have experience in R or Python programming in database management.
- There will be preference to people who has publications or coursed an investigation master.

Selection process

The interested people must send their documents in a single PDF file with the subject: **“SWACH PhD Application”** to the following e-mail: info_drh@ucuenca.edu.ec **until June 26th, 2023**. In June 30th the results Will be informed. People who pass to first phase Will be invited to an interview during July 24th to 28th. Activities will start in September, 2023.