Joint Master Programme on Groundwater and Global Change

Impacts and Adaptation

The Joint Master Programme in Groundwater and Global Change – Impacts and Adaptation (GroundwatCh) seeks to offer a distinctive curriculum in the field of groundwater and climate sciences, within a framework of human pressures, around the following thematic areas:

1. General Hydrogeology;
2. Groundwater Data Collection, Interpretation and Modelling;
3. Climate Processes and Modelling;
4. Integrated River Basin and Water Resource Management;
5. Groundwater and Environmental Impacts;
6. Groundwater, Society and Policies;
7. Groundwater, Climate and Global Change Impacts and Adaptation.

With this curriculum GroundwatCh aims to provide knowledge, insight and skills in the field of groundwater hydrology and its feedback mechanisms with climate and human activities. This will allow people who have completed the programme to function as independent professionals in academic, public and private sectors dealing with groundwater as a fundamental source of freshwater in adaptation to climate and global change.

Start date
September each year

Locations
• Lisbon (Portugal)
• Delft (Netherlands)
• Dresden (Germany)

Duration
2 years

Application deadline
31 May of each year (if you do not need EU visa, deadline is 30 June)

Erasmus Mundus Scholarship deadlines
15 January of each year (Partner country applicants);
15 February of each year (Programme country applicants)
Admission requirements
• Proof that the applicant has successfully accomplished a first degree of higher education equivalent to a B.Sc. degree (equivalent to 180 credit points according to the European Credit Transfer System (ECTS)) with a good final mark in one of the following subjects: hydraulic, civil, environmental or agricultural engineering, geosciences, environmental sciences, climate sciences, geography, geology, or any other similar subject.
• Evidence of qualification in one of the internationally-recognised English language tests.
• Basic academic knowledge of mathematics, physics and chemistry, proven by the list of subjects taken during the B.Sc. or equivalent course, is strongly preferred.

As GroundwatCh graduate you can be employed by regional or country-based water authorities and related governmental agencies, environment and water institutes and geological surveys, as well as water supply companies and international (non-governmental) organisations (e.g. UNEP, WMO, WRI, IIED, WWF). You will also have the opportunity to follow an academic career in this relevant field.

Fellowships
From 2019 onwards Erasmus Mundus Scholarships will be available. Many national fellowship programmes are also eligible for partial or full funding of tuition fee and living costs.

For more information: www.groundwatermaster.eu