



JOB DESCRIPTION

Research Assistant (Citizen Science Officer)

DCU Water Institute

Part Time – Fixed Term Contract 12 Months

Dublin City University

Dublin City University www.dcu.ie is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students for success in life and in the workplace, by providing a high-quality, rounded education appropriate to the challenges and opportunities of the 21st century. As Ireland's University of Enterprise and Transformation, DCU is characterised by a focus on creativity, innovation and entrepreneurship and a track-record of effective engagement with various external stakeholders, including the public sector, the voluntary sector, and enterprise sector. The university fosters creativity, innovation and enterprise, and collaboration with commercial, technological, social, arts and cultural enterprises. DCU's Graduate Attributes scheme specifically encourages students to be creative and enterprising, solutions-oriented and globally engaged. Excellence in its education and research activities has led to DCU's consistent position in the rankings of the world's top young universities and its recent recognition by The Sunday Times as Ireland's University of the Year 2021. DCU now hosts over 18,000 students across five faculties.

DCU Water Institute

The Water Institute is a cross-faculty initiative of research and education on water. It aims to work with all stakeholders – a quadruple helix of academia, industry, agency and society in its research and development work. Through research and capacity building, the WI develops solutions to national and global problems in water. We specialize in technology developments across science, engineering and computer science domains with strong communications focus and policy and business drivers. These areas are reflected in our academic members in DCU – across all faculties of the University.

Background & Role

The DCU Water Institute is addressing the need for water quality citizen science programmes in Ireland. The Water Institute has secured a citizen science water quality monitoring project (Rural and Urban locations) as part of this and therefore requires the role of a citizen science officer.

The citizen science officer will join a multidisciplinary research team working towards delivering this project whilst promoting the integral role citizen science plays in society. The citizen science officer will work closely with the Water Institute team members and all stakeholders such as the leading industry partners, citizen scientists, and the university departments.

Duties and Responsibilities

Reporting to the Water Institute Director, the Citizen Science officer will fulfil the duties which will include, but not be limited to:

- Project managing the day-to-day running of the project
- Plan the project for the year and ensure all deadlines and targets are met
- Engage Citizen Scientists participation
- Engage with internal and external stakeholders
- Carry out training and update workshops for citizen scientists
- Set up all suppliers for equipment and consumables required
- Provide weekly updates to the team on project progress
- Provide a monthly report on progress updates
- Provide a presentation to all stakeholders each quarter
- Drive innovative ideas around citizen science
- Compile, analyse all data on an ongoing basis
- Design and write full report and presentation at the end of the project
- Write articles on project updates and areas related to citizen science for ongoing science communication and dissemination
- Gather information and data for potential journal publishing

Applicant Requirements:

Essential Criterial

- The successful candidate must have an honours primary degree.
- A strong work ethic, creative mind set and a commitment to problem-solving.
- Excellent interpersonal skills and excellent verbal and written communication skills.
- Very good organisational skills with an ability to prioritise workloads and to work successfully on their own initiative.

Desirable Criteria

The successful candidate will ideally possess the following:

- Postgraduate Degree in at least one of the fields in the humanities, environmental or social sciences, or a related discipline.
- The candidate should ideally be familiar with the field of GIS and Data Analysis.
- At least one year's work experience in a field related to this position. Experience of working in project management, environmental industries is desirable.
- The ability to work as part of a collaborative team and to innovate in an organisational environment with multiple stakeholders.
- An interest in the field of citizen science, innovation and environmental science.
- The ability to engage and collaborate with academic and administrative colleagues within DCU.

Essential Training

The post holder will be required to undertake the following essential compliance training: GDPR, Orientation, and Compliance.