HUMAN RESOURCES DEPARTMENT
VOLUNTEER PROGRAM

Announcement

Volunteer Opportunity in Data Management and GIS for the Program:

GALÁPAGOS VERDE 2050

Application deadline: Until the position is filled

Start date: First quarter of 2027

Duration: 3 to 6 months, with preference given to applicants who are available for the full 6-month period to ensure greater continuity in the program's scientific activities.

Introduction

Galápagos Verde 2050 (GV2050) is a program led by the Charles Darwin Foundation (CDF) that focuses on terrestrial ecological restoration throughout the archipelago in urban, rural, and protected areas. Implemented since 2014, GV2050 is an interdisciplinary and multi-institutional effort making an important contribution to ecological restoration in the archipelago. The program seeks to actively contribute to the conservation of Galápagos' natural heritage and the well-being of its inhabitants through the following research components:

- Conservation of threatened plant species
- Restoration of degraded ecosystems
- Rural and Urban Restoration

At GV2050, we are looking for proactive individuals with a passion for conservation and sustainability. This is a unique opportunity for anyone who wants to contribute to the important scientific research and community engagement work we carry out in support of Galápagos conservation.

Volunteer Conditions

The Charles Darwin Foundation (CDF) will provide the equipment and materials needed to carry out project activities, as well as logistical support for field trips to other islands, when applicable. Technical guidance will also be provided by the CDF scientific team, in accordance with institutional policies and procedures.

The volunteer will work under the supervision of the scientist responsible for the project and will follow the schedule assigned by CDF.

Volunteers must comply with CDF's Internal Regulations and Procedures Manual, and strictly adhere to the regulations of the Galápagos National Park Directorate (GNPD) and any other applicable regulations to ensure that field activities are carried out appropriately.

Required Profile

- Experience in relevant fields such as biology, conservation, bioinformatics, geography, environmental sciences, or other related disciplines.
- Knowledge of GIS concepts and principles, map projections, and coordinate systems. Experience using ArcGIS or QGIS.
- Experience using R for data management, analysis, and visualization. Additional experience with GitHub and/or Shiny in R is an advantage.
- Excellent social and interpersonal skills.
- Proactive and able to work as part of a multidisciplinary team.
- Ability to adapt to remote working environments and willingness to occasionally participate in extended workdays or weekend activities, depending on project needs.
- Good physical health to undertake demanding fieldwork.
- Interest in the conservation of natural and protected areas.

Desirable Skills

- Teamwork.
- Resilience during laboratory activities and field trips.
- Effective communication.
- Positive attitude and openness to feedback.
- Responsible, proactive, and committed to conservation.

Responsibilities

The volunteer will support the following key activities:

- Support the management and verification of program databases, including plant monitoring data and spatial data.
- Support the administration and updating of GV2050's Shiny application, RestoR (https://gv2050.shinyapps.io/GV2050-restoR/), developed in R.
- Support updates to the GV2050 wiki, developed in R.
- Support the creation of maps of GV2050 study sites located on seven islands.
- Support germination experiments involving endemic and native species.
- Support the care of plants during germination and growth.

- Support the planting and monitoring of seedlings in urban, rural, and protected areas.
- Assist with maintaining water-saving technologies at implementation sites.
- Support field trip logistics and preparation of materials.
- Support team members in preparing reports.

Benefits:

- Uniform provided.
- Accident insurance.

How to Apply?

Interested applicants must complete the online form available at the following link: https://forms.office.com/r/jf7Y7gAJfm, attaching the required documentation in accordance with the instructions provided in the form.

Applicants must follow all form completion guidelines, established deadlines, and required attachment formats.

Only applications that fully meet all established criteria regarding qualifications, format, documentation, and content will be considered.

Do you have any general questions about this volunteer opportunity?

If you would like more information about this volunteer opportunity, please send your questions to the following email address so we can respond appropriately:

✉ vol@fcdarwin.org.ec