



HUMAN RESOURCES ADMINISTRATION – VOLUNTEER PROGRAM

Announcement

Volunteer Opportunity for the Area:

Vegetation Mapping (Terrestrial Invasive Species and Restoration of the *Scalesia* forests Program)

Application deadline: 30 June 2026

Starting date: As soon as possible

Duration: At least 3 months

Introduction

The Charles Darwin Foundation carries out several projects regarding Terrestrial Invasive Species and the Restoration of the *Scalesia* forests that require cartographic information. This is intended to provide scientifically integrated information to the authorities responsible for the management, conservation, and restoration of Galapagos ecosystems.

In this context, we are looking for an individual to support the office and field activities of the vegetation mapping project, which aims to map the abundance and distribution of endemic and invasive plant species.

Conditions of the volunteership

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

The volunteer will be under the supervision of the scientist responsible for the project and will comply with the schedule assigned by CDF.

Complying with the Internal Regulations and the CDF Procedures Manual and the rules and guidelines established by the Galápagos National Park Directorate (GNPD) during field activities is mandatory.

Requirements

- Experience with Geographic Information Systems (GIS).
- Advanced proficiency in geospatial data digitization.
- Experience in cartographic production.
- Availability and experience doing activities on field under difficult conditions, such as reaching remote or hard-to-access sites.
- Field orientation and navigation skills using GPS and compass.
- Ability to do activities independently.

Responsibilities

- Participate in field trips to obtain in-situ data, georeferencing plant species.
- Assist in field trip logistics for drone flights.
- Delineation of plant species perimeters (trees and shrubs) on drone orthophotography for the creation of training masks for Artificial Intelligence models.
- Collaborate in the evaluation and adaptation of automated classification methodologies for satellite imagery and drone orthophotos to obtain vegetation species maps.
- Document the activities carried out.

Benefits

- CDF uniform
- Medical insurance for accidents

How to apply?

Applicants are kindly asked to complete the online application under the following link: <https://forms.office.com/r/jf7Y7gAJfm> and attach the required documentation according to the instructions provided therein.

Please note that it is required to comply with the guidelines for completing the application, the established deadlines, and the formats for the attachments.

Only applications that fully comply with all the established criteria in terms of profile, format, documentation, and content will be considered.



Do you have any general questions about the volunteer opportunity?

If you would like to obtain more information about the volunteer opportunity, please send your inquiries to the following email address:

✉ vol@fcdarwin.org.ec

Do you have any specific questions about the project?

If you would like to obtain specific information about the project or the activities, please send your inquiries to the following email address:

✉ paul.leon@fcdarwin.org.ec