

Announcement

Volunteer in Data Management and GIS for the Galapagos Verde 2050

Application deadline: Until filling the vacancy

Expected start date: immediately

Duration: Initially for a 3-month period with the possibility of extending the placement for 3 additional months upon review.

Galapagos Verde 2050 (GV2050) is a program run by the Charles Darwin Foundation (CDF), which focuses on the terrestrial ecological restoration of the archipelago in urban, rural, and protected areas. The Galapagos Verde 2050 was established in 2014 and is a multi-institutional and interdisciplinary effort that is marking a milestone in the ecological restoration of the archipelago. The program seeks to actively contribute to the conservation of the natural capital of Galapagos and the wellbeing of its inhabitants through the development of the following research components:

- Conservation of threatened plant species
- Restoration of degraded ecosystems

The GV2050 program is seeking proactive volunteers with a passion for conservation and sustainability. This is a unique opportunity for anyone who wants to know first-hand, the important scientific work we do here for the conservation of the Galapagos Archipelago.

Role responsibilities

- Management and verification of databases used by the program, including seedling monitoring data and spatial data.
- Manage and update the GV2050's Shiny application, RestoR (<https://gv2050.shinyapps.io/GV2050-restoR/>), developed with R.
- Manage and update the GV2050's wiki, developed in R.
- Generate maps of the GV2050 study sites, located on 7 islands.
- Supporting in the program's germination experiments of native and endemic species.
- Taking care of plants during the germination and development process.
- Planting and monitoring seedlings in urban, rural, and protected areas.
- Maintenance of water saving technologies in the implemented sites
- Logistical support and material preparation for field trips.
- Support team members in the preparation of reports.

Requirements

- Relevant experience in biology, conservation, sustainability, bioinformatics, geography, environmental studies and/or other related fields of study.
- Knowledge of concepts and principles of GIS, map projections, coordinate systems and experience using ArcGIS or QGIS

- Experience using R for data management, data analysis, and data visualization. Knowledge/experience using GitHub and/or Shiny is a plus
- Excellent social and inter-personal skills.
- Pro-active, able to integrate in a multi-disciplinary team.
- Able to work in an isolated environment and willing to work long days and weekends.
- Adequate level of health to endure the physical demands of field work.
- Interest in conservation of natural and protected areas.

Conditions

The Galapagos Verde 2050 Volunteer reports directly to the leader of the Galapagos Verde 2050 program. The successful candidate will be based at the CDRS on Santa Cruz Island in the Galapagos Islands, Ecuador. A volunteer assignment with CDF does not imply a continuing relationship with the volunteer beyond the expected duration of the assignment.

The volunteer is expected to work a minimum of 40 hours per week, from 7:45-12:30 and 2:00-17:15. The working schedule can change according to the program activities. Vacation and/or additional time away from the station may be requested in advance by the volunteer but will be subject to the approval of the program coordinator.

How to apply

For additional information and those interested in this position should send their application form and attachments by e-mail to the following address vol@fcdarwin.org.ec; patricia.jaramillo@fcdarwin.org.ec

Please refer to this page for information about other requirements and application instructions: www.darwinfoundation.org.ec