I. Background
The Charles Darwin Foundation, in collaboration with the Galapagos National Park Directorate, is leading the project Galapagos 360° in association with Google and the Catlin Seaview Survey. During 2013, we collected a large dataset of land images using the Google Trekker street view technology and underwater images using the SVII technology developed by the Catlin Seaview Survey. The aim of this pilot project was to evaluate the potential use of these technologies for scientific purposes.

II. Job description
The Image Analysis Expert will be responsible for developing methodologies that facilitate the analysis of 360° panoramic images and generate apps for the use of these images for scientific purposes.

III. Activities and responsibilities
1. Document the Google Street View and Catlin Seaview Survey technology.
2. Manage the image database collected during 2013 and during future collections.
3. Collaborate with the Principal Investigator on the development of specific research lines.
4. Produce analytic tools for the images that allow the development of scientifically sound information for ongoing research projects.
5. Develop apps that allow the comparison of field surveys with the 360° technology.
6. Promote the development of existing apps like Darwin for a Day (www.darwinforaday.org) with the incorporation of image analysis and results of the investigations.
7. Develop national and international collaborations to improve image analysis capabilities.

IV. Minimum requirements
1. Postgraduate level in computer science or natural sciences (biology/ ecology) with image analysis specialization.
2. Proficiency in the use of image analysis and video software (ImageJ, Panini).
3. Proficiency in the use of advance statistical software (R, GRASS, Matlab).
5. Familiar in the use of remote sensing techniques.
6. Interest in the use of technology and citizen science for scientific purposes.
8. Fluent in English and Spanish.
Conditions: They shall be fixed according to the candidate's qualifications. Benefits include health insurance and 30 days of vacation per year.

How to Apply:
Applicants must submit the following documents via e-mail to: google.360@fcdarwin.org.ec

- Letter of interest describing their qualifications in accordance with the minimum requirements for this position (half a page for each requirement)
- Curriculum Vitae
- Three professional references (names and email addresses)