GIS AND DATA COORDINATOR JOB PROFILE

<table>
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<tr>
<th>Job Title: GIS and Data Coordinator</th>
<th>Posting Date: 30 June 2022</th>
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<tbody>
<tr>
<td>Department: Programmes</td>
<td>Location: Kenya HQ - Nanyuki</td>
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<tr>
<td>Contract Type: Permanent-Full Time</td>
<td>Direct Reports: N/A</td>
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<td>Reporting to: Director of Conservation</td>
<td>Hours: 40 hrs per week</td>
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About Us

Space for Giants is an international conservation organization, based in Africa, founded in 2011. Our mission is to protect the natural ecosystems on which Africa’s large wild animals depend, ensuring they are valued by local people. We currently work in 11 countries across Central, East and Southern Africa, focussing on some of the most pressing challenges facing the conservation of megafauna today. We have three thematic pillars of work to achieve our mission which are: 1) The protection and management of natural ecosystems and associated value creation for local citizens; 2) Combating the illegal wildlife trade; and 3) Promoting Human-Wildlife Coexistence. We pride ourselves on our highly collaborative approach with national governments, recognising the importance of being relevant to elected leaders and their constituents, striving to ensure that our conservation work is aligned with their priorities. Grounded in world class science, we bring high quality technical expertise and experience to inform and deliver our conservation programmes, wherever we work. We also pride ourselves on being adaptable and nimble to respond quickly to emerging opportunities and evolving challenges in a very dynamic space. To read more visit: www.spaceforgiants.org

Role Summary

The GIS and Data Coordinator will support the conservation programmes in designing and delivery of programme components related to data management (with a focus on geospatial data), monitoring and impact measurement. With advanced GIS skills (ESRI suite including ARCGIS Online & Desktop), strong experience in conservation technology systems and methodologies (including but not limited to EarthRanger and SMART), a proven track record in capacity building amongst field based teams (e.g. rangers, researchers, etc.), and ability to oversee the integration of various types of data and information into a central point the Data Coordinator will serve as the repository for all SFG data.

The GIS Data Coordinator will provide high level support to all programmatic areas to ensure that geospatial data is collected systematically, stored, analyzed and disseminated for its respective purposes with a focus on determining project impact. To achieve this, the selected individual will work closely with conservation programmes and country leads, to implement the necessary data collection and monitoring interventions.

Job Description

Performance Criteria

1. Operating
   - Spatial data management
- Managing Space for Giants full Global Information System data sets across its portfolio of projects and geographies;
- Providing support to the management of Space for Giants Earthranger platform and the relationship with Vulcan;
- Supporting all Space for Giants departments with necessary mapping and data analysis needs for reports/publications.
- Managing the deployment and data flow from GPS elephant collars, reporting on and analyzing the data.
- Managing human-wildlife conflict data flow from scouts in the field.
- Improving the efficiency of spatial data flow, management and analysis (using ArcGIS online, R) across all areas of operation.

- Measuring impact and other data management and analyses:
  - Creating effective systems for storing, managing and analyzing monitoring data throughout all programmes (including useful camera trap images, HEC data, judicial data, carbon assessments etc).
  - Providing high level support for defining, acquiring, managing and storing data on key impact metrics of all conservation programmes from respective team members.
  - Providing data summaries and analyses for Space for Giants departments, including conservation, fundraising, communications.
  - Managing collection and harmonization of CITES MIKE data for Laikipia/Samburu MIKE site and those in other geographies;
  - Carrying out analyses for conservation project progress, impact reports, scientific publications and presentations.
  - Designing social surveys for project baselines and impacts across portfolio of projects;

- Data analyses: - carrying out analyses of spatial and temporal data for SFG research outputs (publications, presentations, reports, white and working papers)
- Building collaborations with other research institutions to strengthen Space for Giants’ wildlife monitoring.

2. Strategy
   - Provide inputs to the Conservation Director to inform and shape the units strategy and five year road map

Stakeholder Management
1. Research Institutions
   Building collaborations with other research institutions to strengthen Space for Giants’ wildlife monitoring.
2. National Authorities
   Focal point for the KWS, WRTI, Wildlife Forum, LCA and Kenya conservation stakeholders;
3. Scholars/Interns
   Providing support to scholars & interns carrying out their research with Space for Giants.
4. Industry Watchdogs
   Attend meetings as is required with Conservation Director

People Management
1. Capacity Building
   - Highlight capacity building requirements/needs to the Conservation Director
   - Encourage team members to strive to advance and build capacity
   - Providing support to scholars carrying out their research with Space for Giants with the Conservation Director
● Providing support to Conservation Director in management of conservation interns

2. Staff Engagement
   ● Provide assistance and collaborate professionally with interns/scholars as required
   ● Engage with team members collaboratively to achieve the objectives of the unit
   ● Supporting the Conservation Monitoring Coordinator

Special Projects
1. SFG ambassador
   ● Represent Conservation Manager and Director when requested to do so at meetings, conferences and events
   ● Represent SFG professionally and uphold the companies values at any external event or with any external parties
   ● Provide input as per special assignments requested by Conservation Manager & Conservation Director as the need arises

Culture and Values
1. Drive the Organizational Culture to internal and external Stakeholders
2. Conduct oneself and encourage team behavior to create awareness and reinforce Organizational Vision, Values and the Culture Contract

Any other relevant tasks related to the role as directed by the Supervisor

Person Specification

Key Skills: Experienced in project management and people management, Efficient, Hard-Working, Driven, Innovative and Organized. Must have advanced GIS Skills (please do not apply if only of basic level)

Uphold the cultural values and code of conduct of Space for Giants: Passion, Integrity, Respect, Sustainability, and Innovation.

Experience, Knowledge & Competencies
   ● University degree or postgraduate degree in relevant field of data management, Data analysis, or related field;
   ● Advanced GIS Skills (using the ESRI suite of products);
   ● Knowledge of Earthranger, Survey 123, SMART, Machine learning and related data collection & management tools;
   ● Knowledge of wildlife collars databases from suppliers such as Savannah Tracking, AWT, etc.
   ● Excellent Analytical skills (experience with analytical software such as R an advantage)
   ● At least five years of experience managing complex GIS data sets;
   ● Advanced Computer Literacy (especially knowledge of Google Suite/Drive, analysis in Google sheets etc)
   ● Exceptional organizational skills and ability to compile disparate data from a variety of sources and formats into a cohesive database, and maintaining the large datasets;
   ● Excellent attention to detail and ability to identify trends and patterns of information.
   ● Experience writing high quality descriptive reports;
   ● Exceptional organizational skills, ability to facilitate communication between different locations and ability work independently to meet deadlines
   ● Independent thinker and showing initiative in developing innovative approaches
Exceptional interpersonal and organizational skills, ability to facilitate communication between different locations and ability work independently to meet deadlines

Independent thinker and showing initiative in developing innovative approaches

Willingness to undertake some work related travel

How to Apply
If you meet the above qualifications, skills and experience, apply via this link GIS and Data Coordinator Application Form. Applications will be reviewed on a rolling basis.

Deadline: 15 July 2022
Only short-listed candidates will be contacted for interviews. If you have any questions related to this position please contact: jobs@spaceforgiants.org