



Juan Pablo Moreiras/FFI

Technical Assistant, Analytics Conservation Partnerships

“In the past century FFI has consistently saved species from extinction and protected habitats from destruction. Their solutions have always been practical, efficient and sustainable in local circumstances.”

Sir David Attenborough,
FFI Vice-president

Fauna & Flora International

Fauna & Flora International (FFI) saves species from extinction and habitats from destruction, whilst improving the livelihoods of local people. Our guiding principles are to work through local partnerships, act as a catalyst for change, make conservation relevant and base decisions on sound science. Founded in 1903, FFI is the world's longest established international conservation body; our conservation work, and impact, spans the globe.

Conservation Partnerships

At Fauna & Flora International (FFI) we believe that the only way to effectively protect our natural world in the long term is by working with others, and particularly with those who live and work closest to the threatened species and ecosystems we are striving to protect. Partnership is therefore at the very heart of our organisation and is central to everything we do. We work collaboratively with a huge range of people and groups – from communities, governments, NGOs and businesses based locally, to international organisations, corporations and multilateral bodies.

We also believe good conservation decision-making depends on good information. Baseline biodiversity surveys, monitoring transects, household surveys, groundwater sampling points, habitat maps, satellite images, camera trap photos, aerial videos and underwater sound recordings; conservation data is as diverse as the nature it seeks to understand. These data are also fundamental to FFI's Mission. In working with our partners we seek to harness information like this to understand the local situation, ecologically and socially, and to help inform landscape-level approaches.

Working with Business for Conservation

FFI will work with companies that are committed to effective biodiversity management and conservation. Potentially, almost all that an extractive or development operation does will have some possible impact on biodiversity. Such impacts are not limited to endangered or threatened plants and animals but include the impacts on ecosystem services and functional processes at the landscape level. Through spatial approaches we support partners to understand the biodiversity contexts of their operations, their potential impacts and identify opportunities to mitigate their actions and strengthen the management of biodiversity and ecosystem services.

The Opportunity

FFI is seeking a Technical Assistant, Analytics to join our Extractives and Development Infrastructure (E&DI) team. You will have undergraduate qualifications in Geographical Information Systems (GIS), or suitable experience in applied GIS with a degree in life sciences, environmental studies or other relevant subject. Practical experience in applied statistics, remote sensing or programming would be an advantage. With an interest in conservation, you will ideally have experience in handling a variety of data for spatial and temporal analysis of wildlife, conservation or environmental issues. With strong numerical, writing and organisational skills, you will be highly motivated, show initiative and have the ability to work both independently and as part of a team.

Although a member of the Extractives and Development Infrastructure (EDI) team, you will also work across FFI's portfolio of conservation programmes, supporting the use of GIS for conservation planning and science applications throughout the organisation to assist FFI to further achieve its mission and communicate its achievements. You will also be willing to pitch in with administrative elements of work, as required. This position is based in FFI's headquarters in Cambridge, UK.

In return, the role offers the opportunity to work within a ground-breaking and entrepreneurial organisation, at the forefront of global conservation, with opportunity to apply your skills and expertise where appropriate. In addition, FFI offers a generous pension contribution, attractive annual leave allowance and life insurance.

Our offices are located in The David Attenborough Building in central Cambridge, just a few minutes' walk from glorious historic buildings and museums, the picturesque River Cam, the central market and shopping centre, and a host of cafés and restaurants.

Final appointment will be subject to final confirmation of funding for the position.

Terms and Conditions

Start Date: As soon as possible

Duration of Contract: Permanent

Probation Period: Six months

Salary Range: £20,000 - £22,000 per annum

Location: Fauna & Flora International, Cambridge UK

Benefits: 25 working days' annual holiday entitlement plus Public/Bank Holidays and any normal working days that fall between 24 December to 1 January inclusive, during which time FFI UK offices are closed

For employees on UK-based contracts, FFI currently provides a pension contribution of 8% of salary after 3 months' continuous employment.

Group Life insurance, currently set at a benefit of 4 x basic salary

Hours of Work: This is a full-time position, working Monday to Friday from 9.00am to 5.30pm, with a one-hour lunch break.

Job Description

Job Title:	Technical Assistant, Analytics
Reporting to:	Senior Technical Specialist, Analytics
Key Internal Relationships:	Analytics Officer Knowledge Management Officer EDI team

Main Duties and Responsibilities:

- To support technical delivery of projects through processing, analyzing and distributing data in a variety of formats
- To help improve coordination of technical knowledge exchange between regional programmes, and develop internal communities of practice on spatial approaches, conservation technology and methods

Specific duties:

Technical support to Extractives and Development Infrastructure and regional projects

- Compile, maintain, and distribute relevant geospatial data to support projects' conservation aims
- Create maps for reporting, proposals and external communication pieces
- Integrate data (e.g. GPS, field observations, aerial photographs, survey data) obtained from field projects into geospatial formats
- Assist analyses as required, including for example, habitat mapping and risk/impact assessments
- Contribute to report document writing and undertake desk-based research on key areas of work as required to support project delivery and development, and other tasks within the Extractives & Development Infrastructure team (e.g. due diligence)

Development of FFI Conservation Analytics capacity

- Engage with regionally-distributed FFI Analytics practitioners, to facilitate knowledge exchange via internal (e.g. Yammer, MyFFI) and external (e.g. WildLABS) community platforms
- Support the development of training materials and assist delivery of internal training to others in data management, software, tools and methods
- Assist in the curation and development of FFI ArcOnline platform
- Provide support to users in the deployment/installation of software
- Keep up-to-date with developments in conservation and geospatial tools and methods

General

- Log tasks in the Analytics project tracker
- Participate in discussions and presentations within the EDI team, central and distributed FFI conservation programmes, and with partners and external stakeholders as appropriate
- Undertake administrative and technical activities that you may, from time-to-time, be asked to perform by your line manager, commensurate with your skills and experience

Person Specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> • Demonstrable experience of ESRI software (ArcGIS Pro &/or Desktop v10x) and extensions, including spatial analyst • Proven geospatial data acquisition, data management and manipulation skills • Advanced skills in standard computer applications, including MS Excel or Access • Fluency in English • Good report writing skills • Strong communication skills, to both technical and non-technical audiences 	<ul style="list-style-type: none"> • Competence in other spatial softwares such as QGIS, remote sensing software, spatial planning and decision support tools • Experienced with basic and robust statistical analysis of data • Basic programming/scripting skills in, e.g. Python, R
Knowledge and experience	<ul style="list-style-type: none"> • Degree or equivalent level qualification in GIS, or degree or equivalent level qualification in life sciences, environmental studies or other relevant subject with demonstrable experience in GIS • Relevant experience in geospatial analysis, preferably for conservation and/or land management purposes • Familiarity with general environmental, ecological and biological processes 	<ul style="list-style-type: none"> • Understanding of international conservation and of the NGO sector • Sound statistical knowledge/use of software packages • Understanding of biodiversity threats and impacts
Behavioural qualities	<ul style="list-style-type: none"> • Strong, demonstrable commitment to conservation • Willingness to learn and acquire knowledge/skills as required • Ability to show initiative, to work independently and as part of a team • Reliability and efficiency • Ability to assess and prioritise tasks effectively to accomplish projects to deadlines • Commitment to FFI's mission 	
Other	<ul style="list-style-type: none"> • Entitlement to work in the UK • Ability and willingness to travel 	

How to Apply

Applications should consist of the following:

1. A covering letter outlining how you meet the requirements of the role and your motivations for applying
2. A full CV and contact details for two referees (who will not be approached without your permission)

and should be sent by email to analytics@fauna-flora.org

Please mark your application '**Technical Assistant, Analytics**'.

The closing date for applications is **Monday, 26 August 2019**.

Interviews are likely to be held during the week commencing Monday, 16 September 2019. Candidates selected for interview will be contacted by email or telephone – please specify your preferred method of contact in your covering letter and indicate where you saw the position advertised.

No agencies please.

Regrettably, due to limited resources and the high number of applications we receive, we are only able to contact short-listed candidates. If you do not hear from us within four weeks of the closing date, please assume that you have not been successful on this occasion.

Applicants with Disabilities

FFI encourages applications from individuals with a disability who are able to carry out the duties of the post. If you have special needs in relation to your application, please contact Jade Bedwell, HR Officer, FFI, on Tel: +44 (0)1223 749044 or Email: jade.bedwell@fauna-flora.org.

FFI values diversity and is committed to equality of opportunity