Fauna & Flora
Saving Nature Together

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GIS Capacity Intern

"In the past century Fauna & Flora 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,
Fauna & Flora Vice-president

Fauna & Flora

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

Conservation Technology team

The world is embracing ever-increasing advances and shifts in technology, creating new tools to tackle ongoing conservation challenges. Seated with the Conservation Capacity & Leadership department, the Conservation Technology Team is a dynamic and growing group of individuals committed to providing and sharing information about emerging conservation tech tools. We help ensure that Fauna & Flora operates at the cutting edge of nature conservation efforts globally. Our mission is to build the capacity and knowledge in our regional teams and local partners to appropriately apply these tools – including drones, camera traps, networked sensors, eDNA, and artificial intelligence – to solve nature and climate crises.

The Opportunity

This conservation-focused internship opportunity will help you build your skills in GIS and remote sensing, where you will work closely with the Conservation Technology team to develop compelling GIS and remote sensing training materials for our internal training platform, Mangrove. We are looking for a candidate who is passionate about capacity building and has a strong interest developing foundational knowledge of current conservation technologies. As this internship is designed for those at the beginning of their careers, applicants will be assessed on your skills and ability to learn quickly rather than previous experience.

A key responsibility of this position is to create engaging online GIS and remote sensing training materials. With over fifty modules covering essential topics in cartography, spatial analysis, remote sensing, and GIS software, you will have the chance to overhaul and curate existing materials to upload to our training platform, Mangrove. You'll not only translate technical documents and content into engaging and interactive e-learning lessons, but also develop a strong understanding of GIS practise. You will develop your technical skills in learning design and the use of specialist e-learning authoring software to ensure our training materials are up to date and relevant to ongoing conservation practice at Fauna & Flora.

You will also collaborate with the Professional Development Programme in the Conservation Capacity and Leadership team, who will support you to l develop your skills in how to convey technical information to general audiences and map out priority learning across the organisation. You'll work across Fauna & Flora as a whole, engaging with a diverse range of teams including regional teams, and those with a focus on Corporate Sustainability, and Monitoring, Evaluation, & Learning.

Throughout this internship, we will provide focused support and training in building your GIS and

remote sensing skills within the ESRI suite, as well as building good training materials. By meeting regularly with GIS and remote sensing Technical Specialists you will have the opportunity to see and learn from ongoing projects to gain experience in practical applications of tech within conservation.

We are looking for an enthusiastic individual with demonstrated interests in conservation technology, learning and knowledge exchange. We require team players with the ability to develop and work on their own initiative, with strong interpersonal and communication skills.

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 cafes and restaurants.

Note that this internship has been designed to create a professional development opportunity for people who are new to the conservation sector. Therefore, applicants should have less than two years' paid or unpaid experience in the conservation sector (not including academic work).

Terms and Conditions

Start Date: September 2023

Duration of Contract: 3 months

Probation Period: 4 weeks

Salary: £20,320 per annum

Location: Fauna & Flora, Cambridge, UK
                        Current policy offers partial remote working within the 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 Fauna & Flora
                        UK offices are closed
                        Group Life insurance, currently set at a benefit of 4 x basic salary

Hours of Work: This is a full-time position working 37.5 hours per week, Monday-
                        Friday inclusive

Job Description

Job Title: GIS Capacity Intern

Reporting to: Technical Specialist, Analytics

Key Relationships: Senior Technical Specialist, Conservation Technology
                        Technical Specialist, Remote Sensing
                        Technical Specialist, GIS & Remote Sensing
                        Programme Manager, Professional Development

Purpose:

The purpose of this internship is to enhance GIS and remote sensing skills within Fauna & Flora by contributing to Fauna & Flora's capacity building and conservation efforts. You will update existing training materials for Mangrove, our internal training platform, and collaborate with teams across the organisation to create a suite of GIS training materials

Specific Duties:

Identify the organisation's GIS and Remote Sensing training needs with the Programme Manager, Professional Development Programme:
- Prioritise GIS and Remote Sensing topics to be developed
- Assess existing materials and identify any new materials to be developed

Update existing materials:
- Adapt existing materials so they are suitable for delivery via e-learning format
- Improve interactivity of existing materials
- Develop short "How to" videos on GIS or remote sensing tools
- Splice and edit video streams of existing material
- Update figures and graphics where necessary

Uploading to the Fauna & Flora internal training platform (Mangrove):
- Uploading priority training materials
- Promoting the organisation-wide use of learning materials on platforms such as Yammer

Person Specification

	Essential	**Desirable**
Skills	• Able to collate and disseminate information • Basic understanding of GIS and remote sensing • Strong written and verbal communication • Good organisational and time management skills, with a structured and methodical approach to work • Fluency in written and spoken English • Ability to use problem solving skills to overcome challenges	• Experience using GIS to visualise and/or analyse spatial data • Skills in splicing or editing video • Fluency in French or Spanish
Knowledge and experience	• Experience communicating technical topics to a non-technical audience • Experience using GIS or remote sensing software, e.g., ArcMap, ArcGIS Pro, QGIS, Survey123	• Experience creating learning materials or training guides
Behavioural qualities	• Willingness to learn and collaborate with wider teams within Fauna & Flora • Open to learning and able to pick up new skills, especially software • Team player who is also able to work independently and use their own initiative	• Awareness of and enthusiasm for the importance of GIS and Remote Sensing for conservation applications
Other	• Less than two years paid or unpaid experience in the conservation sector (not including education) • Interest in and empathy with the mission and values of Fauna & Flora • Pre-existing right to work in the UK • Available for the full three-month of the internship	

Fauna & Flora Values

Values underpin who we are and how we act. Just as values shape who we are as individuals, they define us as an organisation, creating the culture of success for which Fauna & Flora is renowned. Our people exemplify our shared values, which are interconnected and interdependent:

- We act with integrity
- We are collaborative
- We are committed
- We are inclusive, supportive & respectful
- We get things done

How to Apply

Applications should consist of the following:

- Covering letter confirming your interest and explaining how your experience and skills refer to the role.
- Full CV
- Contact details for two referees (who will not be approached without your permission)

Applications should be submitted electronically to analytics@fauna-flora.org

Please mark your application **'[Name] - GIS Capacity Intern, Conservation Technology'** and indicate in your covering letter where you saw the position advertised.

The closing date for applications is **13th August 2023.** 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.

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

Fauna & Flora 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 Adviser, Fauna & Flora, on Tel: +44 (0)1223 749044 or Email: jade.bedwell@fauna-flora.org.

Fauna & Flora values diversity and is committed to equality of opportunity