Francis Jesse Adair, FRGS

PROFILE

As a GIS Consultant I produce deliverables for numerous cross-disciplinary projects that often have conflicting deadlines which means liaising with project managers, experts, consultants, and clients. I have extensive experience working to manage large, complex, and non-standard datasets to support innovative work spanning infrastructure and conservation projects, from local to regional scales.

EXPERIENCE

Geographic Information Systems (GIS) Consultant, RSK Environment — Oct 2023 – Present
- Contributed figure production and geospatial services in over thirty projects across Great Britain
- Figure production includes map-series, comprehensive EIA constraints, A1 posters, and remote sensed imagery.
- Lead and developed GIS data management for large-scale solar, wind farm, and grid connection projects.
- Improved and created templates for figure layouts in ArcGIS Pro and QGIS used by internal and external teams.
- Tailored ArcGIS Online Experience Builder and Dashboard templates to project requirements and user specifications.
- Creation of tools and resources with instructions e.g. constraints statistical outputs and least cost path analysis for EIA's.
- Delivery of GIS workshops for energy infrastructure projects using on-the-fly geospatial services to explore scenarios.
- Facilitated enhanced geospatial collaboration between stakeholders via effective comms and an automated dashboard.

Graduate GIS Consultant, RSK Environment — Oct 2022 – Oct 2023 (see above)

GIS & Data Systems Development Consultant, Chester Zoo — Jun 2021 – Sep 2022
- Contributed towards national planning for the conservation of giant pangolins.
- Trained staff in GIS, developed a [methodology](#) for camera trap annotation, and collaborated with LJMU's ConservationAI.
- Large-scale species-wide camera trap annotation using Saul Greenberg's Timelapse and Microsoft MegaDetector: Gabon's Fernan Vaz, Semuliki National Park, Lake Mburo National Park, Toro Semliki Wildlife Reserve, and Kibale National Park.
- Collaborated with a diverse and multicultural team to provide live technical support for field agents.
- Explored ecological and anthropogenic factors that affect distribution and influence conservation planning.
- Created figures and provided geospatial services for Central Africa and Madagascar field projects.

GIS Consultant (part-time), **Chester Zoo** — Aug 2018 – Jun 2021
- Produced heat maps for vegetation, threats, and endangered wildlife, including gorillas, pangolins, and elephants.
- Utilised ArcGIS Pro, Online and Survey123 Connect to design and maintain reconnaissance and camera trap surveys.

EDUCATION

University of Chester — BSc (Hons) Geography (First Class), Sep 2017 – Jul 2020
- [Dissertation](#) upon interaction of trees and soils at Coed Felenrhyd/Llennyrch rainforest, Wales.
- Measuring slope erosion on the Las Salinas Badlands' gulleys of Almería, Spain.
- Mapping lichen in Llandudno and Bewts-y-Coed to analyse nitrogen levels in the air.

Full UK Driving Licence — Category B (manual), 2024

SKILLS	HOBBIES	ACHIEVEMENTS
[QGIS](#), ESRI ArcGIS and Online suite	Expeditions, orienteering, and cataloguing	All Duke of Edinburgh Awards, 2014-2016
Maths, Git, Python, HTML, CSS, JS, SQL	Research ecology, climate, environment	Nuffield Research Placement, 2015
[Academic](#) and report writing	Spanish and French language	National Citizens Service, 2014

VOLUNTEERING

Volunteer, The Conservation Volunteers — Nov 2024 – Present

Field Agent, Chester Zoo Africa Field Program, Fernan Vaz, **Gabon** — Sep – Oct 2018

Volunteer, British Red Cross shop, Chester — Dec 2012 – Nov 2013