

Job Description: Heritage Mapping and Data Officer - (PB5)

Job summary

As Heritage Mapping and Data Officer, you will support the collection, analysis, management, and ethical use of historic environment data across the biodiversity program. You will work directly with historic environment advisors well as other national and area teams, and external partners to ensure project data is appropriately collated, processed and managed.

You will establish and follow data standards, frameworks, and workflows, supporting the effective use of spatial, environmental, and heritage datasets. The role includes data governance, quality assurance, and compliance, contributing to reporting and evaluation, and identifying opportunities to improve data integration, insight, and long-term value, including through innovation and future funding opportunities.

Key responsibilities & accountabilities

- Lead in the development of a new historic environment data management approach.
- Support the mapping of archaeological sites and monuments identified with Lidar and aerial imagery.
- Yearly request Historic Environment Records data for the Nation's Forests.
- Manage and maintain national heritage datasets, ensuring accuracy, consistency, and alignment with organisational standards. Collaborate with district teams to resolve anomalies, and lead the integration of new data sources, including new surveys and Historic Environment Records, into internal systems.
- Support the cleaning and conversion of survey data.
- Assist with reporting.
- Champion the use of evidence in decision-making, drawing on best practice.
- Lead the integration of emerging technologies such as AI into team policy and practice, to help make better evidence-based decisions.
- Identify stories and narratives with the data you work with that can be used to engage the public.
- Lead the development and guidance of historic environment data within internal GIS systems.

And any other tasks, reasonably requested by your line manager.

Skills, knowledge & experience

Essential professional and technical experience

- Strong understanding of archaeological monitoring techniques .
- A strong team player.
- Good knowledge of spatial data and GIS.
- Experience working with external partners.
- Experience in heritage data management, remote sensing mapping and survey recording for historic environment purposes.
- Ability to use a range of of GIS and database software packages, including esri.
- Excellent problem-solving and communication skills, with the ability to work collaboratively across teams.

Desirable professional and technical experience

- Understanding of landscape archaeology
- understanding of technical forestry, land management and countryside recreation.
- experience working in a historic environment or similar outdoor settings.

- Experience working on landscape scale heritage mapping projects
- Knowledge of ARCHES data management system

Qualifications

Essential

- A degree or higher in a relevant subject, or equivalent professional experience.