The Loughs Agency is a statutory body charged with the responsibility for the conservation, protection and development of inland fisheries, aquaculture and the promotion and development of angling and marine tourism in the Foyle and Carlingford Areas.

The Loughs Agency is seeking to appoint the following post:
(The post will run until 2022, with possible extension, subject to funding)

SENIOR SCIENTIFIC OFFICER – Analytics Lead
Salary Scale: (SSO) £36,812 to £40,473 p/a

Purpose of the Role

A unique and exciting opportunity in an inter-regional, multi-institutional setting; we are seeking a candidate to work on a multi-species marine telemetry project combining studies on anadromous and marine fishes, cetaceans and seals in the sea around Ireland, Northern Ireland and Scotland. As part of this ambitious project the Senior Scientific Officer - Analytics Lead within this team will help ensure the delivery of high quality spatial models and management plans for a range of mobile marine species (i.e., salmonids, elasmobranchs and seals) derived from the acoustic arrays. The role will also require the post holder to possess exceptional scientific report writing skills and experience in geospatial predictive modelling as well as the ability to manage the Higher Scientific Officers and other project staff as necessary to ensure agreed Project targets and outputs are met. The post holder will also be required to provide specialist advice on issues to the Project Board and other partners as appropriate.

Essential Criteria

Applicants *must* demonstrate that they possess the following criteria, by the closing date for applications:
Knowledge/Qualifications, Skills and Experience

1. PhD qualification in an environmental area or minimum three years research experience with proven record published work.
2. A proven track record in initiating, conducting and managing innovative scientific projects in the environmental area, and to statistically analyse and interpret the results.
3. Evidence of a theoretical and practical knowledge (including demonstrable experience) processing GIS data, geospatial predictive modelling and report writing.
4. A minimum 2 years' experience of managing staff and resources in a scientific research environment (including working and reporting to Project Boards and funders in formal project management structures).
5. Experience of scientific writing and authoring papers in the area of environmental research, which have been published in peer reviewed scientific journals, and evidence of an emerging track record of publications in a relevant field.
6. Excellent communication skills (oral and written), including experience of delivering public presentations to academic and stakeholder audiences and ability to communicate complex data/concepts clearly and concisely.
7. Research creativity and cross-discipline collaborative ability as appropriate.
8. Excellent interpersonal skills including team working and a collegiate approach.
9. Appropriate workload/time/project/budget/people management skills.
10. Extensive IT and data analysis/interpretation skills as appropriate.
11. Self-motivation, initiative and independent thought/working.
12. Initiative and judgement to resolve problems independently, including demonstrating a flexible and pragmatic approach.
13. Evidence of the skills required for field working in demanding environments.
14. Experience working in a multi-institutional environment.

Desirable Criteria

In addition applicants should be aware that after an eligibility sift, should it be necessary to shortlist candidates to go forward to interview, the following desirable criteria will be used.

1. Five years research experience with proven record of published work in a related field.
2. Familiarity with data acquisition systems, configuration of remote devices and sensor technology.
3. Scripting and data processing with languages like Python, SQL and R for processing serial data, etc.
4. Experience with open source and operating systems (Linux), message queue technologies (e.g. Kafka) and relational database systems
5. Specific knowledge of the use of acoustic telemetry for animal tracking.
6. Specific experience of working with salmonid fishes, skate, basking sharks, cetaceans or pinnipeds.
7. Previous experience of working to EU funding programme requirements regarding procurement, monitoring and evaluation, communication procedures, record keeping, claims management, adherence to programme rules, etc.
8. Experience tagging, monitoring and data analysis of fish and/or marine mammals (e.g., cetaceans or pinnipeds).
9. Experience of hiring staff through formal recruitment and interview process.

Application forms and further details of the duties and qualifications for the post are available at **http://www.loughs-agency.org/careers/**

**The Human Resources Officer, Loughs Agency, 22 Victoria Road,
Derry~Londonderry, BT47 2AB.
Telephone (028) 71 342100
(048 from Ireland).
Email careers@loughs-agency.org**

Completed application forms must be returned to arrive **not later than 4pm on Friday 15th March 2019.** The Agency reserves the right to interview only those candidates who from their application, appear to be the most suitable.

Loughs Agency is committed to equality of opportunity and welcomes applications from suitably qualified people irrespective of religious belief, gender, disability, race, political opinion, age, marital status, sexual orientation, or whether or not they have dependents. www.loughs-agency.org

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