Falkland Islands Government – Job Description

Job Title:	Stock Assessment Scientist		
Department:	Directorate of Natural Resources, Fisheries Department	**Section:**	Scientific
Reports to:	Senior Stock Assessment Scientist		
Grade:	C	**Job Code:**	TBC

Job Purpose

To undertake stock assessments of commercially important fishery species and provide timely scientific advice to the Falkland Islands Government (FIG) for long-term sustainable management of the fisheries.

Main Accountabilities:

❖ Lead/support stock assessments of commercial fishery species in Falkland Islands waters using modern statistical methods.

❖ Conduct analyses of catch and effort, size composition, age and growth, size at maturity, and tagging data for inputs of stock assessment modelling.

❖ Based on assessments and analyses, set out recommendations and options to secure the long-term sustainability of resources, while maximising the economic return from the fishery.

❖ Contribute to research and development of stock assessment methods and new modelling approaches as required.

❖ Design and participate in Fisheries Department research surveys with particular focus on the requirements of stock assessment.

❖ Undertake and supervise the Department's tasks to meet Marine Stewardship Council (MSC) standards on Patagonian toothfish and prepare the fishery for periodic re-certification assessment.

❖ Produce information on the fishery and status of stocks for a wide audience, including peer review publications/conferences, presentations and reports to the fishing industry, the general public, and other stakeholders.

The job description is not an exclusive or exhaustive definition of duties. The job holder shall undertake such additional duties as may reasonably be required by FIG commensurate with the role and grade.

Additional Information

This post sits within the Directorate of Natural Resources, a division of FIG responsible for overseeing the monitoring, development, and management of the Falkland Islands' living resources. The Directorate encompasses Agriculture, Biosecurity, Veterinary Services, Fisheries, and Maritime functions under a unified organisational structure.

The collective work of all sections within the Directorate aims to ensure a balance between economic viability and the long-term stability of populations.

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Person Specification:	Stock Assessment Scientist		

Criteria	Essential	Desirable	Assessment Method
Education and Training:			
PhD Level (or equivalent) in an appropriate biological, fisheries or mathematical discipline, or significant relevant work experience in a stock assessment role.	✓		A
Training in fisheries stock assessment or other relevant disciplines, such as population dynamics.	✓		A
Training in one or more of the following areas: mathematical or statistical modelling, fisheries acoustics, spatial statistics, GIS, database design.		✓	A/I/R
Knowledge, Skills and Experience:			
Ability to apply standard fish stock assessment techniques and develop new approaches.	✓		A/I/R
High degree of IT literacy.	✓		A/I
High level of competence with modern statistical methods.	✓		A/I/R
Ability to produce reports and scientific papers in English.	✓		A/I/R
Understanding of commercial fisheries issues.	✓		A/I
Familiarity with the MSC certification process.		✓	A/I
Good publication record (≥10 refereed papers / technical reports).		✓	A/R
Experience in one or more of the following areas: mathematical or statistical modelling, fisheries acoustics, spatial statistics, GIS, database design.		✓	A/I/R
At least two years of experience in fisheries data analysis. Strong understanding of data collection, management and quality issues.		✓	I
Experience of assessment working groups.		✓	A/I
Foreign language abilities, especially Spanish.		✓	A/I
Personal Attributes:			
Ability to function as a member of a small interdisciplinary team.	✓		A/I
Flexibility and willingness to take on new/additional tasks.	✓		I/R
Ability to learn new skills.	✓		I
Ability to meet deadlines.	✓		I/R
Alignment with FIG's Core Values – Diverse, Professional, Resilient & Resourceful	✓		I/R

Method of assessment: A - Application Form   I - Selection Interview   R - Reference