

Marine and Fisheries Data Officer

Department: Infrastructure, Housing and Environment

Section: Natural Environment

Reports to: Marine Science and Research Officer / Marine Science and Research Manager

JE Ref: IHE1128

Grade: CS11

JE Date: 31/03/2022

Job purpose

Deliver against research projects especially those focused on the marine environment. Conduct data analyses and assessments to support Marine Resources' stock and habitat management objectives. Support the Marine Science and Research Officer and Marine Science and Research Manager in delivery of the department's primary marine research and management objectives. Assist senior officers with the identification of policies that can manage and regulate the use of the Island's marine resources in an effective and sustainable manner.

Job specific outcomes

Take project leading roles within the scientific team to deliver the Marine Resources' field research programme.

Collect and assess data that can be used to monitor and assess changes and trends pertaining to the marine environment and to commercially and recreationally targeted species. Devise and execute robust statistical tests and modelling that can be used to produce high quality scientific reports. Output should be accessible to a wide audience as well as senior management, Ministers, local and international scientific and policy working groups. Results and recommendations should contribute to the management of Jersey's marine resources.

Represent Jersey at local, national and international meetings which may include presenting papers and providing scientific data and technical advice especially in relation to fisheries science and stock management.

Assist senior officers in initiating and maintaining relationships with Government bodies, NGOs and academic institutions at UK and international level.

Maintain a current knowledge of scientific literature and contemporary research especially relating to sustainable stock management and data collection that could be used to inform best practice.

Support the science and research team to deliver projects relating to marine environmental issues and policies, such as but not exclusive to, the mapping and monitoring of marine wildlife, particularly in response to spatial management changes (marine protected areas).

Support research undertaken by other officers, researchers, students, and consultants; ensuring such work is completed in accordance with agreed methodologies, on time and within budget. Manage and maintain research equipment.

Support senior officers with technical advice on research outcomes and in formulating recommendations based on information provided by local and international research (and other) groups.

Gather evidence and prepare case files relating to legal infractions for use in court and give evidence of offences as part of prosecution cases. Work synergistically with the Marine Operations and Compliance Team in the provision of a comprehensive marine resources related enforcement service.

Maintain effective communication and liaison with all members of the fishing industry, stakeholders and the public. As a Marine Resources Officer and designated British Sea Fisheries Officer, act as Skipper or Patrol Commander of the marine vessel and undertake effective surveillance, monitoring and inspection of local and foreign fishing vessels at sea, shore based activities and local and foreign marine activities, taking appropriate enforcement action and ensuring that seized equipment and vessels are handled in accordance with the law to ensure compliance with marine environmental legislation; participate in joint patrols with French and UK authorities for cross-jurisdictional enforcement work.

Provide additional support for marine activities, including piloting or manning departmental vessels for research work or undertake search and rescue work. Gather evidence and prepare case files relating to legal infractions for use in court and give evidence of offences as part of prosecution work, working synergistically with the Marine Operations and Compliance Team in the provision of a comprehensive marine resources related enforcement service. Manage the optimal allocation of team resources to ensure work is completed timely and efficiently.

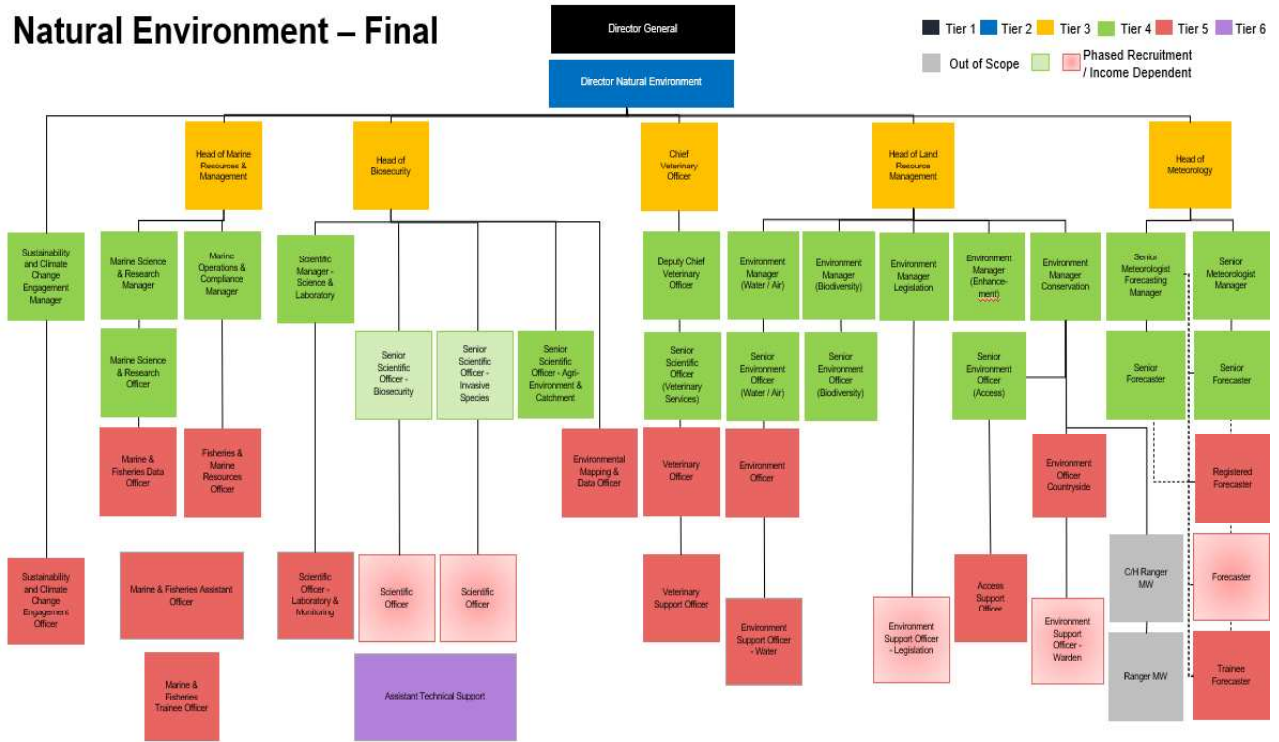
Statutory responsibilities

Active engagement, participation and compliance with any other statutory responsibilities applicable to the role, as amended from time to time.

This role is politically restricted. The job holder is not permitted to undertake political activity involving standing for election to the Government or as a Parish Constable, or publicly supporting someone who is standing for election or playing a public part in any political manner.

Organisation chart

Natural Environment – Final



Person Specification

Specific to the role

ATTRIBUTES	ESSENTIAL	DESIRABLE
<p>Qualifications</p>	<p>Postgraduate degree qualification at level 7 or equivalent gained by practical experience in a relevant specialism (e.g. marine biology, environmental science or a related discipline)</p> <p>Evidence of further relevant professional courses E.g.</p> <p>Health & Safety certificate (e.g. IOSH)</p> <p>Qualification in an environmental statistical program (e.g. PRIMER)</p> <p>Boat handling qualification (minimum RYA PB2)</p>	<p>Chartered Membership of a related professional institution</p> <p>Management qualification or equivalent</p> <p>Project management qualification or equivalent</p> <p>Commercial boating in tidal waters with commercially endorsed RYA Yachtmaster or equivalent</p> <p>RYA PPR Certificate (Professional Practice and Responsibilities Certificate)</p> <p>HSE Scientific Diver qualification or equivalent</p> <p>HSE Crane Slew</p>
<p>Knowledge</p>	<p>Broad knowledge of marine biology and fisheries management concepts</p> <p>Knowledge of experimental survey designs and statistical tests appropriate for biological and environmental data</p> <p>Knowledge of working with commercial fishing gear and equipment</p> <p>The latest theory, practices and legislation as related to their industry, including ongoing Continuing Professional Development</p>	<p>The activity and processes of Government</p> <p>Management reporting as it relates to this role</p> <p>The departmental priorities and key objectives, risks and issues relevant to the directorate, division and the role</p> <p>Intermediate French conversation</p>
<p>Technical / Work-based Skills</p>	<p>Demonstrated research skills through publication</p> <p>Full driving licence</p>	<p>Full driving licence including heavy trailer towing</p>

	<p>Computer literate with ability to operate the Microsoft Office package</p> <p>Ability to use data management systems such as GIS, R and statistical software</p> <p>Basic French conversation skills</p>	
General Skills/Attributes	<p>Problem solving skills</p> <p>Strong relationship building skills</p> <p>Ability to develop innovative approaches to service delivery</p> <p>Ability to produce written materials (e.g. letters, reports, discussion papers) to a high level for presentation</p>	<p>Ability to lead, motivate and manage teams to facilitate achievement of high delivery and performance and manage poor behaviour</p> <p>Confident in handling conflict</p>
Experience	<p>Significant experience of marine research, some of which at postgraduate level</p> <p>Experience of intertidal and subtidal marine survey techniques</p> <p>Managing the operational delivery of relevant technical / scientific services</p> <p>Project management experience</p> <p>Experience as crew and in boat handling in tidal waters</p>	<p>Commercial boating experience in tidal waters</p> <p>Managing staff and budgets</p>

Core Accountabilities, Attributes and Behaviour Indicators

Appointees to this role will be required to adhere to and perform their duties in line with the standards identified in the States of Jersey tier 5 core accountabilities attributes and behaviour indicators.