Role Description

(Non-Manager)

Government of South Australia
Department for Environment and Water

Our purpose – Helping South Australians Conserve, Sustain and Prosper.

Role Title: Scientific Officer, Marine and Coast	**Division:** Biodiversity & Nature Economy
Classification Level: PO2	**Branch/Unit:** Biodiversity Science, Coast and Information/ Enviromental Science and Research Partnership
CHRIS Position Number: M20114	**Reports to (Title):** Team Leader, Marine Science

About the Agency – Department for Environment and Water

About the Role

The Scientific Officer, Marine and Coast provides scientific and technical expertise to support the management and conservation of South Australia's marine and coastal environments . The role delivers ecologicl monitoring, environmental assessment, data analysis and scientific advice to inform evidence-based management, policy and operational decisions. Working independently and as part of multidisciplinary teams, the role collaborates with partners both within and outside the Agency to deliver initiatives and priorities relating to marine and coastal ecosystems.

The Scientific Officer applies environmental, ecological and spatial data to assess ecosystem condition, identify emerging issues, and support the effective management of marine and coastal resources. The role contributes to project planning and delivery, coordinates project activities and resources, and prepares high-quality technical advice, reports and recommendations that support Departmental priorities and outcomes.

Key Role Outcomes

- Marine and coastal environmental policy and management decisions are informed by timely, evidence-based scientific and technical advice and information.
- Coast and marine management objectives are supported through ecological monitoring and assessment, field investigations, and the collection, management and analysis of environmental data and reporting.
- Projects are planned, coordinated and delivered in a timely, efficient, collaborative and fit-for-purpose manner.
- Organisational goals are achieved through the application of professional scientific practices and the effective coordination of projects activities.
- Effective partnerships with government, research organisations and other key stakeholders are established and maintained to support the delivery of agency priorities.

Essential Criteria (including qualifications)

- A university degree in Marine Science, Coastal Processes, or related discipline.
- In-depth knowledge of marine and coastal ecosystems, and demonstrated experience in providing fit-for-purpose scientific information and technical advice through collaborative and applied marine and coastal investigations that support the planning, delivery and evaluation of agency-priority projects and programs.

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- Experience in marine field surveys including operation of vessels, SCUBA and marine ecological monitoring methods.
- Demonstrated experience in collating, analysing and interpreting complex ecological and environmental data, including data visualisation, quantitative modelling and competent use of GIS.
- Demonstrates good communication skills (verbal and written) in applied ecological science, including the development of clear messaging for non-technical audiences.

Desirable Criteria

- A current Australian driver's licence is desirable, along with a willingness to undertake four-wheel-drive training.
- Advanced open water dive qualification or equivalent Coxswains certificate.
- First Aid certificate.
- Warden (NPW Act) certificate.
- Medium rigid truck licence.
- Familiarity with tools such as R and/or Python is desirable.

Key Relationships/Interactions

- Manager, Environmental Science & Research Partnership.
- Maintains effective working relationships with Principal Scientists, Senior Ecologists and other scientific, technical and policy staff across the Department, DEW, other SA agencies and the Commonwealth.
- Liaises and maintains partnerships with Universities, research and community organisationsto facilitate the exchange and application of scientific knowledge, data and expertise relevant to marine and coastal environments.

Special Conditions

- May be required to participate in emergency preparedness, response and recovery activities required by government agencies.
- You must be an Australian citizen, permanent resident, or provide evidence that you hold a valid working visa that allows you to work in Australia.
- This role has been identified as a:

  Position of trust ☐ Prescribed position ☐ Not applicable ☒
- Will be required to travel intra and interstate, which may include overnight absences.

Core Competencies	Elements	Behavioural Indicators
Shapes Strategic Thinking and changes	• Think and Acting Strategically •	• Can identify and articulate potential issues and implications.
Achieves Results	• Delivering effective outcomes • Makes decision	• Establishes own credibility by demonstrating personal competence and technical expertise • Knows when to seek further information, clarify issues or involve others in the decision making process

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Drives Business Excellence	• Optimising Performance	• Works collaboratively with team members to achieve team and individual goals.
Forges Relationships and Engages Others	• Establishing and maintaining networks • Communication and Managing Conflicts	• Works well with others and is effective in collaborating with colleagues across the Agency. • Presents technical information so it can be clearly understood by the audience and does not use jargon.
Exemplifies Personal Drive and Professionalism	• Displaying Flexibility and Resilience	• Is flexible in handling changing priorities. • Quickly regains focus in the face of unexpected setbacks • Adapts to new situations while maintaining achievement of outcomes.

Work Health and Safety

Contribute to workplace safety

- Accepts responsibility for own and others safety.
- Actively participates in consultation about work, health and safety issues.
- Identifies and reports hazards and identifies risk controls where appropriate.

Corporate Responsibilities

- Demonstrate appropriate and professional workplace behaviours that are in line with the Code of Ethics and the South Australian Public Sector Values.
- Maintain a commitment to Equal Employment Opportunity, Diversity, Ethical Conduct, and record keeping within legislative requirements, according to the principles of the *Public Sector Act 2009*.
- Exhibit and promote the behaviours in line with *The way we work* outlined in the DEW Corporate Plan.
- Actively participate in the Department's Performance Review and Development Program.
- Demonstrate appropriate and professional workplace behaviours that align closely with the White Ribbon message.
- Champion positive behaviours and conduct during all interactions with children and young people and act in accordance with the Child Safe Environment Policy and Procedure at all times.

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