

BIRDLIFE INTERNATIONAL - JOB SPECIFICATION/DESCRIPTION

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| JOB TITLE: | Seabird Researcher |
| DIVISION/DEPARTMENT: | Science/SPI |

1. OVERALL PURPOSE OF JOB

To conduct research to evaluate the risk of plastic encounter by small pelagic seabirds, using an extensive tracking dataset and models of marine plastic distribution.

2. STAFF RELATIONSHIPS

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| REPORTING TO (LINE MANAGER): |
| Marine Science Coordinator |
| REPORTING TO JOB HOLDER (LINE MANAGED STAFF): |
| None |
| PRINCIPAL STAFF RELATIONSHIPS/RESPONSIBILITIES WITHIN SECRETARIAT |
| Working closely with the Marine Team, as well with other members of the BirdLife Marine Programme, Science and Information Management Teams, and project partners and collaborating institutions (University of Cambridge, British Antarctic Survey and Fauna and Flora International). |
| PRINCIPAL STAFF RELATIONSHIPS/RESPONSIBILITIES WITHIN BIRDLIFE NETWORK |
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3. KEY WORKING RELATIONSHIPS

| Contact | Level (1-3) | Contact | Level (1-3) | Contact | Level (1-3) |
|--|--------------------|-----------------------------------|--------------------|--|--------------------|
| BirdLife Network Organisation Staff | 1 | General Public | 1 | Institutional policy makers /Politicians/ Corporations | 1 |
| BirdLife Advisory Groups, Committees, Reg. Councils | 1 | Press & Media | 1 | Institutional Funders | 1 |
| BirdLife Global Council | 1 | Regulators/Legislators / Auditors | 1 | Individual donors/ members | 1 |
| Suppliers/Service Providers | 1 | Scientific Community | 2 | Royalty/VIPs/ High worth Individuals | 1 |
| Level of Contact | | | | | |
| 1.= General Informing. "Appearance, first impressions". May have some independent outside exposure and contact, primarily informative. | | | | | |
| 2.= Presenting/Representing/Reporting "Relationship management". Frequent exposure representing BirdLife. Maintaining individual contacts. Frequently managing information flow. | | | | | |
| 3.= Justifying/Negotiating - "Influencing decision makers". Frequent exposure as lead contact, representing Birdlife to highly influential people. Responsible for complex and sensitive/high risk communications. | | | | | |

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4. MAIN DUTIES/WORK PROGRAMME RESPONSIBILITIES

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| By main work area: |
| <p>This post will:</p> <ul style="list-style-type: none"> - Collate tracking data from small pelagic seabirds, by requesting from the Seabird Tracking Database and by contacting individual researchers. - Identify the seabird species at higher risk from plastic pollution, by modelling the distribution of small pelagic seabirds and overlaying with areas of plastic accumulation in the oceans (high seas and Economic Exclusive Zones- EEZs); - Map the locations in the ocean where the problem of plastic pollution is likely to be greatest for small pelagic seabirds; - Assess connectivity between Exclusive Economic Zones and the high seas, with respect to the risk of plastic exposure for small pelagic seabird species; - Identify which range states hold seabird populations (colonies) that are at high risk of exposure to marine plastic. - Publish results as original scientific manuscript. |

5. LIMITS OF AUTHORITY/RESPONSIBILITY FOR RESOURCES

| RESPONSIBILITY AREA | LEVEL OF AUTHORITY |
|--------------------------------------|---------------------------|
| Financial/Budgetary | None |
| Contracts – Funders | None |
| Contracts – Staff/Consultants | None |
| Contracts – Service providers | None |
| Legal Responsibility | None |
| Other | |

6. EDUCATION/SKILLS AND OTHER SPECIAL REQUIREMENTS

| REQUIREMENTS | KNOWLEDGE/SKILLS/ATTRIBUTES |
|---|---|
| Minimum General Education | PhD in a relevant subject |
| Job Specific Education/Qualification | Strong experience and specialist skills in data analysis, including working with large spatial datasets. |
| Job Specific Knowledge | Specialist knowledge of spatial analysis and modelling, including relevant statistical techniques. An understanding of the impacts of plastics on bird species, remote tracking techniques and data types. |
| Experience | Proven experience of conducting independent research. Strong track record in publishing scientific papers |
| Management & organisational skills | Ability to work independently to a high standard. Ability to manage own time effectively and to work to deadlines. Able to work collaboratively in a positive and productive team setting. |
| Communications skills | Good communication skills, particularly ability to communicate information |

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| | in written format in a clear and concise manner. |
| Creativity & Initiative | A proven ability to conduct independent research. Eye for detail. |
| Computer Literacy | Microsoft Office, R and ArcMap |
| Languages | Excellent written and spoken English |
| Travel requirements | None expected |
| OTHER DESIRED/HELPFUL KNOWLEDGE/SKILLS/ATTRIBUTES | |
| <ul style="list-style-type: none">• An interest in conservation, particularly relating to the marine environment• Articulate, numerate self-starter• Ability to understand and interpret scientific data, to distil critical aspects, and to present data clearly and accurately• Ability to meet deadlines• A good team player with proven willingness to work closely with colleagues | |

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| Prepared by: | Date: |
| Maria Dias | 15/10/2019 |