

BIRDLIFE INTERNATIONAL - JOB SPECIFICATION/DESCRIPTION

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| JOB TITLE: | Flyways Science Officer |
| DIVISION/DEPARTMENT: | Science / Science, Policy and Information Management |

1. OVERALL PURPOSE OF JOB

To support BirdLife's science and technical work relevant to the Flyways Programme, with particular a focus on assessing, avoiding and mitigating the negative impacts on birds of energy infrastructure, including renewable energy development, plus other scientific and technical work as needed.

2. STAFF RELATIONSHIPS

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| REPORTING TO (LINE MANAGER): |
| Senior Global Science Officer |
| REPORTING TO JOB HOLDER (LINE MANAGED STAFF): |
| None |
| PRINCIPAL STAFF RELATIONSHIPS/RESPONSIBILITIES WITHIN SECRETARIAT |
| Working closely with other Science staff, in particular the Senior Global Science Officer and the Flyways Science Coordinator, plus colleagues in Information Management, Policy, other Divisions and regional secretariat offices as appropriate. |
| PRINCIPAL STAFF RELATIONSHIPS/RESPONSIBILITIES WITHIN BIRDLIFE NETWORK |
| None |

3. KEY WORKING RELATIONSHIPS

| Contact | Level (1-3) | Contact | Level (1-3) | Contact | Level (1-3) |
|---|--------------------|----------------------------------|--------------------|--|--------------------|
| BirdLife Network Organisation Staff | 2 | General Public | 1 | Institutional policy makers /Politicians/ Corporations | 2 |
| 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>Supporting BirdLife's work on finding solutions to conflict between birds and energy infrastructure (such as for renewable energy development) including through collating, synthesizing, analyzing and mapping relevant data, and reporting, presenting or contributing to relevant tools for a range of users, in support of BirdLife's Migratory Species and Flyways Programme. Specifically:</p> <ul style="list-style-type: none"> • Contributing to the development of avian sensitivity mapping tools globally to inform the siting of renewable energy projects. Tasks will involve developing methodologies, collating, synthesizing and analysing spatial data, liaising with project partners, including BirdLife Partner organisations, academics and researchers, energy developers and financial institutions. • Developing research to inform our understanding of the impacts of energy infrastructure on birds and to evaluate the best strategies to mitigate these impacts. • Representing BirdLife at relevant scientific and policy fora to promote BirdLife's science and to advocate for the adoption of best practice in regard of energy development. Including representing BirdLife in the CMS Energy Task Force, academic conferences and workshops and meetings with stakeholders from the energy and finance sectors. • Technical support on projects in the Mediterranean, Middle East and elsewhere including: <ul style="list-style-type: none"> ○ coordinating and leading liaison with stakeholders to compile information on incidence and causes of mortality of satellite tagged birds, to assess the importance of different threats including collision/ electrocution on energy infrastructure and the geographic pattern of mortality to identify hotspots and reporting/ presenting this information ○ contributing to work on mitigation of energy infrastructure including assessing effectiveness in reducing collision/ electrocution with energy infrastructure and cost-effectiveness of different measures ○ Leading on liaison with stakeholders and collating, analysing and presenting progress measures on reducing collision and/or electrocution of birds in Mediterranean countries for reporting to donors • Technical/ scientific support on work relating to the CMS Raptors MOU including collating, analyzing and reporting information on raptors species in Africa-Eurasia, the threats they face, the sites important for their conservation and highlighting conservation needs to Signatory governments |

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 | Responsible for ensuring that all work is completed to high scientific standards and maintaining positive relationships with collaborators and stakeholders |

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6. EDUCATION/SKILLS AND OTHER SPECIAL REQUIREMENTS

| REQUIREMENTS | KNOWLEDGE/SKILLS/ATTRIBUTES |
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| Minimum General Education | Educated to Masters Degree level or equivalent experience. |
| Job Specific Education/ Qualification | Bachelor of Science and Masters Degrees in either biological or environmental subjects. |
| Job Specific Knowledge | Good knowledge of global biodiversity conservation issues. An understanding of the issues surrounding energy infrastructure and its potential impact on birds and other wildlife would be desirable. Specific knowledge of birds would be desirable. An understanding of the use of spatial data in conservation and planning would be desirable. |
| Experience | Experience of collating, verifying, analysing, interpreting and disseminating biological data. Experience of literature review and report writing. Experience of forging and maintaining relationships with stakeholders. Experience of and proficiency in practical use of GIS (preferably ArcMap) desirable. |
| Management & organisational skills | Good organisational skills. Proven ability to work under pressure, organise work appropriately, accommodate changing priorities and meet deadlines. Good concentration and attention to detail, with the ability to undertake repetitive tasks accurately and consistently. Ability to organise work to seek and accommodate input from a variety of staff and collaborators as appropriate. Good self-motivation to conduct work independently and ability to show initiative. |
| Communications skills | Good writing skills. Skills in presenting confidently to a variety of different audiences. Confidence to liaise appropriately with a variety of colleagues, stakeholders and collaborators from different countries and in different fora. Proven skills in critically assessing and synthesising information, and in producing accurate and concise written synopses. Ability to avoid jargon and use clear, simple language when required. |
| Creativity & Initiative | Ability and willingness to contribute ideas and take initiative to improve the effectiveness and efficiency of delivering the project outputs. Ability to identify and resolve complex and multi-faceted problems and design creative solutions. Ability and willingness to contribute ideas to developing programmes and processes. Flexibility and adaptability to respond to changing circumstances. |
| Computer Literacy | Proficiency in Microsoft Office (especially Outlook, Word and Excel). Proficiency in use of ArcGIS software desirable. |

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| Languages | High level of fluency in English (other languages beneficial, but not essential). |
| Travel requirements | Willingness to travel periodically for work |

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| Prepared by: | Date: |
| Senior Global Science Officer, Flyways Science Coordinator | 19 May 2020 |