

BIHAR VIKAS MISSION

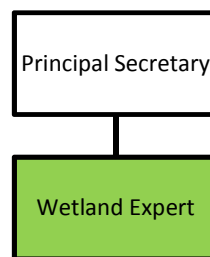
Job Description



1. General Information:

Position Title:	Wetland Expert
Reports to:	Principal Secretary – Environment, Forest & Climate Change Department
Department:	Bihar Vikas Mission
Job Code:	

2. Organization Chart



3. Key Accountabilities

Strategizing and Expert Advisory

- Provide expert technical advice to the Department of Environment and Forest and other Agriculture and allied Departments, in identification, management and conservation of wetlands in the State and support the National Wetland Conservation Programme in achieving its desired results and objectives
- Enhance the programs and projects related to management and development of wetlands in Bihar, by leveraging relevant technology such as geographic information systems and other computer modelling programs, for surveying wetland and compiling reports to facilitate them being put to best for multiple purposes
- Undertake scientific research to assess and record the water levels in major wetland areas of the state and generate the results to be further used to assess the suitability of the land for agriculture and allied activities
- Prepare and review project proposals, applications, and reports with respect to conserving the wetlands for habitat restoration for the multiple species
- Lead the fieldwork activities for wetlands and facilitate capacity building sessions for field functionaries in extensive activities such as collection of vegetation, understanding and collection of wetland soil, collection and interpretation of environmental, usage of aerial data and photographs and data to help in identification of plant species that can be bred on wetlands
- Support the Department in preparing Wetland mitigation design Wetlands restoration and replication design
- Design and implement plans and programs to promote the wise use of wetlands in the State and enhance the quality of the wetland reserves in the State

Continuous Improvement

- Identify opportunities for continuous improvement of systems, processes and practices taking into account international and national best practices, in order to facilitate cost optimization and productivity improvement

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Policies, Systems, Processes & Procedures

- Recommend improvements to functional procedures and follow all relevant departmental policies, processes, standard operating procedures and instructions so that work is carried out in a controlled and consistent manner

Related Assignments

- Perform other related duties or assignments as and when required

4. Qualifications and Experience

Minimum

- Master's degree or higher (full time) in Geography / Environmental Sciences / Environment Engineering/ Ecology / Sustainability / Botany / Soil Science / Agriculture / Surface Water Management
- Minimum 10 years of post-qualification experience in environment conservation and / or sustainable agriculture domain

Preferred

- Less than **65** years of age as on 1st January 2020
- Experience in planning and implementation of projects / programs / initiatives for conservation / development / management of wetlands in India / other geographically similar countries / regions
- Experience of working on wetland management related projects / initiatives with relevant state / central government / bilateral / multilateral organizations (e.g. United Nations Environment Program (UNEP), World Nature Organization (WNO), UNDP, IPE Global, WWF India)
- Experience in wetland ecology and knowledge of hydric soils
- Certificates / Diploma / Courses in relevant areas will add weight to the candidature
- Honors / Awards in relevant area will be an added advantage

5. Knowledge and Other Skills

- Ability to use GPS, aerial photographs, and maps
- Knowledge of soil taxonomy and soil sampling techniques
- Excellent knowledge of methods and techniques in the field of environment conservation and sustainable agriculture
- Fluency in written and spoken English and Hindi