

BIHAR VIKAS MISSION

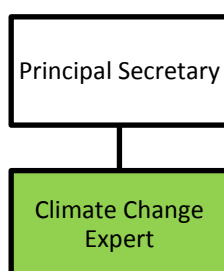
Job Description



1. General Information:

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

2. Organization Chart



3. Key Accountabilities

Strategizing and Expert Advisory

- Provide expert technical inputs to the Department of Environment and Forest in designing strategies to foster an integrated approach for inclusive, sustainable, and climate resilient growth and development
- Suggest strategies and actions to enhance the approaches adopted for the implementation of Bihar Action Plan of Climate Change (BAPCC) – ‘Building Resilience through Development
- Support the officials of the Department and the relevant functionaries in the development of detailed climate vulnerability and risk analyses reports for all the districts in Bihar
- Analyse socio-economic and physical vulnerabilities to changing climate and climate risk environment, utilizing results from research on historical impacts, current adaptation/coping strategies and policy and institutional landscape, and changing socio-economic conditions
- Analyse hazard, vulnerability and risk in climate sensitive sectors, based on subject specific information in order to design appropriate climate risk reduction interventions and climate change adaptation/mitigation measures to suit all levels (state to community level)
- Develop a system to improve the role of information and communications technologies for accurate, reliable and timely climate information and risk-informed planning
- Assist to integrate the decision support system and climate risk management in development planning process and mainstreaming
- Provide technical training related to climate risk management for integrating climate change and disaster risk impacts into annual development planning process, and mainstreaming initiatives of the relevant Departments in Bihar
- Contribute to various efforts and initiatives to enhance the capacities of the relevant Departments and concerned officials and functionaries in planning, analysing, implementing and monitoring programs for addressing climate change and its impact
- Improved scientific evidence base and coordination mechanisms between scientific research and academic institutions (including both national and state level agencies) for build scientific data and evidence base for the State; and collation of available scientific information and data on climate

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change pertaining to 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

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

Essential

- Master's degree or higher in Climate Change / Climate Change and Sustainability Studies / Environmental Sciences / Natural Resource Management / Climate Risk Management / Environment Law
- Minimum 15 years of post-qualification experience in climate change and / or ecosystem studies and / or environment conservation with at least 7 years of experience in analysing impact, designing strategies and programs and establishing systems for environment / climate impact assessment and climate risk management, preferably in India / other geographically similar countries / regions

Preferred

- Less than 70 years of age as on 1st January 2017
- Experience of working on climate change related projects / initiatives with relevant state / central government / bilateral / multilateral organizations (such as United Nations Environment Program (UNEP), World Nature Organization (WNO), UNDP, IPE Global, United Nations Framework Convention on Climate Change WWF India etc.)
- Experience of working on state and national level large scale projects (budget value of more than Rs. 500 crores) with proven records of execution of the project
- Certificates / Diploma / Courses in relevant areas will add weight to the candidature
- Honors / Awards / discourses / recognized publications in relevant area will be an added advantage

5. Knowledge and Other Skills

- Excellent knowledge of impact assessment of multi-hazards and climate change on climate sensitive sectors such as agriculture / food security, water etc.
- Experience in design, implementation and management of projects related to climate risk management and adaptation in climate sensitive sectors such as agriculture / food security will be an advantage
- Demonstrated knowledge and understanding related to international agreements, practices, and policies on the field of disaster risk reduction and climate change adaptation
- Familiarity with the context of disaster risk reduction in Bihar and / or other states of India in general
- Fluency in written and spoken English and Hindi