



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

(An Autonomous Institution of Ministry of Environment, Forests and Climate Change,
Government of India)

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RECRUITMENT OF PROJECT SCIENTISTS, PROJECT ASSOCIATES, PROJECT FELLOWS, PROJECT ASSISTANTS, AND PROJECT INTERNS

The Wildlife Institute of India (WII) is a premier national institution working towards strengthening Wildlife Conservation and Management through research, training and education. The Department of Science and Technology (DST), Government of India, is implementing the **National Mission for Sustaining Himalayan Ecosystem (NMSHE)** programme through national institutions which are nodal agencies for different Task Forces. WII has been identified as the nodal agency for the **Task Force on Fauna and Micro Flora** and will be implementing a 5 year project (2014-15 to 2019-2020) 'Assessment and Monitoring of Climate Change Effects on Wildlife Species and Ecosystems for Developing Adaptation and Mitigation Strategies in the Indian Himalayan Region' under NMSHE.

WII is looking for bright candidates from **Biological & Environmental Sciences / Physical Sciences/ Statistics/ Geo-informatics/ Social Sciences/ Engineering** backgrounds for filling up of Project Scientists 03 (three) posts on contractual basis (Scientist-C level), Project Associates 04 (four) posts, Project Fellows 08 (eight) posts, and Project Assistants 08 (eight) posts for the project duration. In addition to the above, Project Interns (up to 10 positions /year) for periods ranging from 03 to 06 months will also be engaged. Applications are invited from the citizens of India who are willing to contribute innovative ideas and undertake research to address the emerging challenges of climate change impacts on biodiversity as per details given below.

Name of Position, Number of Positions and Emoluments	Essential Qualifications	Desirable Qualifications [^]
Project Scientist (C level) 03 (Three) positions Rs. 57,500/month consolidated	M.Sc./M.Tech. in Life Sciences / Forestry/ Geoinformatics/ Geology/ Environmental Sciences/ Soil Science/ Computer Application/ Statistics/ Mathematics/ Hydrology/ Earth and Atmospheric Sciences or related fields with THREE YEARS experience. OR Ph.D. in any of the above fields	Expertise/knowledge in (a) climatic change analysis and multi-scale modelling involving earth and atmospheric sciences; (b) experience in spatial analysis and ecological modelling involving advance statistical and visualization tools; demonstrated computational skills (c) Experience in anthropogenic/ climate change impacts on wildlife species and their habitats in the Himalaya or stream ecology and

		hydrology modelling. Research publications in peer-reviewed national/international journals
Project Associate* 04 (Four) positions Rs. 24,000 pm + HRA	Ph.D. in Life Sciences / Forestry/ Geoinformatics/ Geography/ Geology/ Environmental Sciences/ Soil Science/ Sociology/ Anthropology/ Computer Application/ Statistics/ Mathematics/ Hydrology/ Earth and Atmospheric Sciences/Architecture /Mass Communication or related fields. OR Three years of research, teaching, design and development experience after M.Tech./M.E.	Expertise/aptitude in (a) project design and coordination of multi-disciplinary project team; OR Field data collection for plant, fish, herpetofauna, insect, bird, and mammal taxa, soil and statistical analyses; (b) Management of spatial database, Remote Sensing and GIS analysis; (c) Advance computer application and visualization; Computational ecology and predictive modelling; (d) Design and data collection for analyzing anthropogenic drivers; and Popular science writing and communication skills. At least one research paper in Science Citation Indexed (SCI) Journal.
Project Fellow** (Research Fellow) 08 (Eight) positions Rs. 16,000/month + HRA (JRF-2 years) Rs/ 18,000/month + HRA (SRF-3 years) (After two years & fulfilling requirements)	Post Graduate Degree in Life Sciences / Fisheries Science/Forestry/ Geoinformatics/ Geography/ Geology/ Environmental Sciences/ Soil Science/ Sociology/ Anthropology/ Computer Application/ Statistics/ Mathematics/ Hydrology/ Earth and Atmospheric Sciences/Architecture /Mass Communication or related fields with a minimum of 60% aggregate marks from a recognized University and NET/GATE/WII-NET qualified. OR Post Graduate Degree in Professional Courses relevant to the above subjects	Prior experience and interest in (a) field data collection for plant including micro flora, fish, herpetofauna, insect, bird, and mammal taxa; (b) Vegetation /habitat quantification in the Himalayan system; (c) Camera trap based sampling and analysis; (d) Riverine ecology and fish sampling; (e) Remote Sensing and GIS; (f) Interoperable spatial database and spatial statistics (g) Hydrology and climate modelling; (h) Environmental Impact Assessment of developmental projects on wildlife values Science writing and communication skills
Project Assistant* 08 (Eight) positions (Five for field and	Post Graduate Degree (Life Sciences/ Forestry/ Geoinformatics/ Environmental Sciences/ Sociology/ Computer Application/ Economics/ Business	Experience/interest in field data collection for biological taxa and socioeconomic survey; Computer applications and account

Three for Lab/Office) Rs. 8,000/month + HRA	Administration/ Mass Communication) OR Graduate/Post Graduate Degree in Professional Courses relevant to above subjects.	management; Communication strategies.
Project Interns* # 10 (Ten) positions/ Year of 3 to 6 months duration	Bachelor/Master degree/Diploma in Biological/ Physical/Engineering/Social Sciences)	Aptitude and interest in undertaking field or lab based studies on various topics pertaining to this project for dissertation, attachment or experience gaining

* The emoluments indicated above for Project Associates, Project Fellows and Project Assistants are pre-revised and are likely to be amended as per DST rules. Project Interns will be provided with local travel and a basic allowance to cover meals.

** NET/GATE/WII-NET or equivalent qualified candidates would be awarded Junior Research Fellowship in line with DST norms, while otherwise competent/suitable candidates would be provided stipend of Rs. 12,000/month and likely to be amended as per WII norms. Only Project Fellows (JRF/SRF) would be encouraged to pursue higher academic degrees as per WII rules.

^ Candidates with knowledge or aptitude for working on multi-taxa, experience or interest for working in multidisciplinary research projects, experience or ability for working in a team or independently in remote high altitude areas and in arduous field conditions would be preferred.

Candidates interested in gaining field/lab experience are encouraged to apply. Only those candidates interested in availing the internship for the period January 2015 to December 2015 may apply. The selection will be based on application submitted in prescribed format (Annexure-II)

Description of Work:

Project Scientist:

- I. Large scale climate modelling, looking into drivers of climatic and anthropogenic drivers of landscape change. Undertake climate change modelling and futuristic scenario building, and lead the climate change related analysis and documentation.
- II. Spatial ecology and undertake ecological modelling incorporating species-habitat relationship and lead the entire spatial ecology related analysis and documentation.
- III. Impacts on wildlife species and their habitats due to anthropogenic or climate change/variability
- IV. Hydrology modeling involving quantity and quality of water resources for biodiversity and socioeconomic attributes and lead the stream ecology and soil analysis and related documentation.
- V. Coordination of workshops/meetings/activities and consultative processes related to the project.
- VI. Report preparation and publications

Project Associate:

- I. Collect, Coordinate and collate data collection, synthesis and report writing
- II. Creation and management of interoperable database and development of Decision Support System.
- III. Spatial analysis including predictive scenario modelling, 3D modelling and visualization.
- IV. Hydrology modeling involving quantity and quality of water resources for biodiversity and stream ecology.
- V. Documentation and analysis of anthropogenic drivers in the project sites.
- VI. Preparation policy briefs, wildlife watch and communication.
- VII. Coordination of workshops/meetings/activities and consultative processes related to the project.

Project Fellow:

- I. Collect baseline data on various taxa (plant including microflora, insects, herpetofauna, fish, bird, mammals, soils) and socioeconomic parameters
- II. Undertake intensive research on species-habitat relationships
- III. Conduct Environmental Impact Assessment of developmental projects on wildlife values.
- IV. Quantification of water resources including water flow and quality
- V. Assistance in creation of spatial database and scenario building for ecological parameters with respect to climate variables
- VI. Assessment of anthropogenic drivers; socioeconomic survey and collection of secondary data
- VII. Undertake time series analysis of satellite and GIS data to understand the climatic and socioeconomic drivers of change on the riverine system.

Project Assistant:

- I. Assistance in baseline data collection on various taxa (plant, insects, herpetofauna, fish, bird, mammals, soils) and socioeconomic parameters
- II. Assistance and data collection in intensive research on species-habitat relationship
- III. Data collection for quantification of water resources including water flow and quality
- IV. Assistance in conduct of Environmental Impact Assessment of developmental projects on wildlife values.
- V. Assistance in management of spatial database and scenario building for ecological parameters with respect to climate variables
- VI. Assessment of anthropogenic drivers; socioeconomic survey and collection of secondary data.
- VII. Assistance in project management in terms of administrative support, account management, coordination at Headquarters / New Delhi/Field sites and communications.

Terms and Conditions:

1. The headquarters for the above posts would be Wildlife Institute of India (WII), Dehradun and/or its various field locations in the Indian Himalayan Region. The selected candidate would be liable to serve at any field location decided by the Institute as per functional needs.
2. Age:
 - i. Project Scientist (Scientist – C level): Not exceeding 31 years in case of candidates possessing Master's degree and 34 years in case of candidates having Ph.D. degree as on 07th January 2015.
 - ii. Project Associate: Not exceeding 40 years.
 - iii. Project Fellows: Not exceeding 28 years
 - iv. Project Assistants: Not exceeding 28 years
 - v. Project Interns: Not exceeding 40 years
3. Age Relaxation:
 - (a) For Project Scientist (Scientist-C level): Relaxation in upper age limit shall be allowed in accordance with the Government of India, Ministry of Personnel, Public Grievances and Pensions (Department of Personnel & Training) OM No.1501282/2010-Estt.(D) dated 27.03.2012. The decision on equivalence of degrees will be made by the Institute Selection Committee.
 - (b) In case of Project Associate the upper age may be relaxed up to a maximum of 5 years in the case of candidates belonging to SC/ST.
 - (c) In case of Project Fellows and Assistance, the upper age limit may be relaxed up to 5 years in the case of candidates belonging to SC/ST/OBC/Women and physically handicapped applicants.
4. The period of experience in the requisite discipline/area of work shall be counted with effect from the date of acquiring the prescribed essential educational qualifications required for the post. Period spent in wildlife research/conservation will be counted towards experience.
5. The duration of the project is five years (2014-15 to 2019-20). The initial offer of appointment will be for two years which would be extended depending upon annual performance assessment, functional needs of the project, and availability of project funds.
6. The job requires extensive travelling to and working under arduous field conditions in high altitude regions of the Indian Himalayan Region.

7. Candidates working in Government/Autonomous Bodies/Universities should submit their applications through proper channel together with a certificate duly signed by the employer/forwarding authority. They may, however, send an advance copy of the application, in the prescribed format, complete in all respects, including postal order/Bank Draft by the due date i.e. **07th January 2015**. The duly forwarded application from the employer must be received at the Institute before the written test.
8. Short-listed candidates will have to produce certificates original indicated in their applications at the time of interview.
9. Applications received after the due date i.e. 07th January 2015 without requisite fee, unsigned applications, incomplete applications and applications not in prescribed format are liable to be rejected.
10. Candidates who obtain appointment by furnishing false information in the application are liable to be terminated.
11. Postal address furnished in the application is final and no correspondence for change of address at a later date will be entertained.
12. Canvassing in any form will be a disqualification.
13. Mere fulfilment of the minimum advertised qualifications and experience requirement DOES NOT automatically entitles an applicant to be called for written test.
14. Selection of the candidates shall be made on the basis of screening of application received by due date followed by a written test and interview. The test for the eligible applicants shall be conducted in the Institute campus at Dehradun on **28th January 2015** (forenoon).
15. The shortlisted candidates would be called for interviews on **28th (afternoon), 29th and 30th January 2015**. No travel cost or accommodation will be provided to candidates appearing for the written test. However, one way travel expenses to the candidates in General Category and both ways travel expenses to the candidates in SC/ST/OBC category will be payable to those who are shortlisted for interview. The expenses will be limited to second-class rail/bus fare by the shortest route from his/her place of residence to Dehra Dun.
16. No correspondence will be entertained either with regard to the call for written test, interview and/or selection.
17. If, at any stage, it is found that an attempt has been made by the applicant to wilfully conceal or misrepresent the facts, his/her candidature may be summarily rejected and his/her employment terminated.

18. The date for determining the age limit/experience/qualifications shall be the closing date prescribed for receipt of applications i.e. 07th January 2015.

19. The decision of the Institute in all matters relating to eligibility, acceptance or rejection of application, mode of selection will be final and binding on the candidates and no enquiry or correspondence will be entertained from any individual or his/her agency.

How to Apply:

- i. The Candidates are requested to read carefully the Essential and Desirable Qualifications of the different categories of the advertised posts, the description of work, and Terms and Conditions carefully before applying for the positions.
- ii. The applications should be sent in the prescribed proforma (Annexure-1) typed out on A-4 size paper 210x297 mm) accompanied by crossed Indian Postal Order/Bank Draft of the value of Rs.500/- (Rupees Five Hundred only) drawn in favour of The Director, Wildlife Institute of India, payable at Dehradun. Fee is non-refundable. Women candidates are exempted from payment of fee.
- iii. If a candidate is applying for more than one post, separate applications have to be submitted for every post applied for and sent along with the application fee.
- iv. Applications should be accompanied by self attested copies of certificates of age, educational qualifications, experience, and claim for any category of reservation. The original certificates would be required at the time of interview.
- v. Applications should be sent to '**The Nodal Scientist, DST-NMSHE Project, Wildlife Institute of India, Chandrabani, Dehradun – 248 001 (Uttarakhand)**' so as to reach **on or before 07 January 2015**. Applications from abroad and from those in the Andaman & Nicobar Islands, Lakshadweep, State/Union Territories in the North Eastern Region, Ladakh division of the Jammu & Kashmir State, Sikkim, Panaji Sub-division of Chamba, Lahaul & Spiti Districts of Himachal Pradesh **should reach up to 14.01.2015**. Applications should be sent through Registered post/Speed post only in a cover superscribed Post's Name and Advertisement No.

Sd/-
Director
Wildlife Institute of India