



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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**ENGAGEMENT OF PROJECT SCIENTIST, PROJECT ASSOCIATE, AND PROJECT ASSISTANTS
FOR THE NATIONAL MISSION FOR SUSTAINING THE HIMALAYAN ECOSYSTEM (NMSHE)
PROJECT**

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 the Himalayan Ecosystem (NMSHE)** through national institutions which are nodal agencies for different Task Forces. WII, as the nodal agency for the **Task Force on Fauna and Micro Flora** has launched a 5 years project (2014-15 to 2018-2019) '**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 and Environmental Sciences** backgrounds for filling up of following positions: Project Scientist 01 (one), Project Associate 01 (one), and Project Assistant 05 (five) in the above project. Applications are invited from Indian citizens who are willing to contribute innovative ideas and undertake research in the Indian Himalayan Region (IHR) to address the emerging challenges of climate change impacts on Himalayan biodiversity.

All engagements are on contractual basis initially for a one year period from the date of appointment that can be extended depending on the candidate's performance and the programme needs. The headquarters for the above posts would be Wildlife Institute of India (WII), Dehradun and/or its various field locations in the States of Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Sikkim and West Bengal (northern hill districts). The selected candidate would be liable to serve at any field location decided by the Institute as per functional needs. The work description, essential and desirable qualifications and the consolidated monthly emoluments of personnel required are given below.

Name and Number of Position(s) & Emoluments/Fellowship	Essential Qualifications	Desirable Qualifications[^]
Project Scientist 01 (one) Rs. 47,500 + admissible allowances including HRA	Ph.D in Wildlife Science/ Zoology / Botany/ Forestry / Life Science with ≥ 2 years experience in field research / conservation after submission of thesis OR Masters Degree in any of the above subjects with 60% aggregate marks from a recognized university with ≥ 6 years experience in field research or conservation Age: up to 35 years	Experience of working in the Indian Himalayan Region, vegetation science, habitat ecology, climatic change analysis. Knowledge/ experience in biodiversity assessment, use of data analytical software relevant to wildlife sciences. Science writing and communication skills
Project Associate* 01 (one) PA-I Rs. 36,000 PA-II Rs. 38,000 PA-II Rs, 40,000 + HRA	Ph.D. in Life Sciences /Zoology/ Fisheries Science or related fields Age: up to 40 years	Experience in the Himalaya or stream ecology and hydrology modelling. Science writing and communication skills
Project Assistant # 05 (five) Rs. 8,000/month + HRA	Graduate / Post graduate Degree in Wildlife Sciences/ Zoology/ Forestry/ Environmental Sciences or Management/ Life Sciences/ Biodiversity and Conservation with a minimum of 60% aggregate marks from a recognized University. Age: up to 24 years	Experience /interest in field data collection for flora, fauna, socio-economic/ natural resource use surveys

[^] Desirable qualifications are only indicative in nature. In case of exceptionally good candidates, these may be relaxed.

* Placement will be at any of the three levels based on experience. Candidates with relevant experience and who have submitted Ph.D thesis and are awaiting results may also be considered, and if found suitable may be given a provisional PA position till the results are communicated.

Number of vacancies is tentative and the actual number of vacancies may change.

Age relaxation up to 5 years will be applicable for SC/ST/OBC and Women candidates.

Description of Work:

Project Scientist:

The position involves coordination of multi-disciplinary aspects of the project involving large scale climate modelling, looking into climatic and anthropogenic drivers of landscape; undertake climate change modelling and futuristic scenario building, change related analysis and documentation; Impacts of climate change and anthropogenic pressures on floral/faunal species, and their habitats. The candidate is also expected to supervise the progress of the research team and assist the nodal scientist in report preparation, organization of workshops and disseminating knowledge to relevant stake holders

Project Associate:

The position involves large scale climate modelling, looking into climatic and anthropogenic drivers of landscape; undertake hydrological modelling involving quantity and quality of water resources for biodiversity and socioeconomic attributes and contribute to stream ecology; and investigate impacts of climate change and anthropogenic pressures on aquatic species and their habitats in the Himalaya. The candidate is also expected to assist the nodal scientist in report preparation, organization of workshops and disseminating knowledge to relevant stake holders.

Project Assistant:

The position involves baseline data collection on flora, fauna and socioeconomic parameters; undertake intensive research on species-habitat relationships, provide assistance in creation of spatial database and scenario building for ecological parameters with respect to climatic variables; and assessment of anthropogenic drivers; socioeconomic survey and collection of secondary data

Recruitment process

The selection of Project Scientist, Project Associate and Project Assistants will be through a written test followed by a personal interview.

(i) Candidates should send their applications in the prescribed proforma (**Annexure 1**) typed out on A-4 size paper (210 x 297 mm) accompanied by crossed Indian Postal Order/Bank Draft of **Rs. 500/- (Rupees Five Hundred only)** drawn in favour of the **Director, Wildlife Institute of India, payable at Dehradun**. Fee is non-refundable. The application form can also be downloaded from the site www.wii.gov.in. Candidates must mention the **Project name and Position applied for** in their applications. Candidates who are applying for multiple projects and/or positions should send separate applications and fees.

Applications should be accompanied by self-attested copies of certificates of age, educational qualifications, and experience. Shortlisted candidates will have to produce

original certificates cited in their applications at the time of written test / interview, without which they will be disqualified. Applications should be sent to the **Administrative Officer, Wildlife Institute of India, Chandrabani, Dehradun-248 001 (Uttarakhand)** so as to reach on or before **09 May 2016 by 17:00 hours**. Applications from abroad and from those in the Andaman & Nicobar Islands, Lakshadweep, 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 **16 May 2016 by 17:00 hours**. Applications may be sent through Registered post/Speed post/By Hand in a cover.

(ii) The Institute shall screen the applications received by due date and organize a written test for short-listing the candidates to be called for the interview. The list of eligible candidates will be hosted on the Institute's website (www.wii.gov.in) on **20 May 2016**.

Applications received after the due date, without the application fee, incomplete, or not in prescribed format will be rejected. Mere fulfilment of the minimum advertised qualification and experience requirement DOES NOT automatically entitle an applicant to be called for written test / interview. 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. At the time of the verification of original documents, if it is found that an attempt has been made by the applicant to wilfully conceal, misrepresent or canvass the facts, his / her candidature will not be considered and he / she will not be allowed to appear for the interview. Candidates are required to furnish the declaration form as given in the prescribed application form.

(iii) Eligible candidates have to report at the Auditorium located inside the Institute campus at Dehradun **on 30 May, 2016 at 09:00 hours** with their **original documents / certificates** for verification. Eligible candidates have to appear for written test **on the same day (30.05.2016) from 1030 hours onwards** in the Auditorium. Separate examinations will be organized for the project positions, between **10:30 – 11:30 hours for Project Scientist, 12:00 – 13:00 hours for Project Associate, and 17:00 – 18:00 hours for Project Assistant**. The examination will be of one hour duration with 40 objective type questions of one mark each. There will be twenty questions covering wildlife ecology and management, and twenty questions on the subject domain of respective posts as specified in the Syllabus (**Annexure 2**).

Candidates who have a valid CSIR/UGC NET Junior Research Fellowship or WII-NET (cleared in 2014 & 2015) are exempted from the written test and will have to appear for the interview only. For WII-NET qualified candidates, their scores will be used to short-list candidates for the interview.

(iv) Results of the written test shall be declared on **31 May 2016 at 13:00 hours** in the Institute's website (www.wii.gov.in). The cut off criteria for written test qualification would be the top five (05) candidates or 25% of total candidates who had written the test. The short-listed candidates have to appear for a personal interview **on 31 May 2016 from 14:30 hours onwards** in the Institute's Board Room and may continue until **1 June 2016**.

The merit in written test is of a qualifying nature in the screening process to be called for interview. The final selection of the candidate will be in accordance with his / her performance in the interview and in order of merit as decided by the Interview Committee.

(v) If a candidate is applying for more than one position, separate applications have to be submitted for every post applied for and sent along with the application fee.

Annexure-1

PROFORMA FOR APPLICATION
(Project Scientist, Project Associate & Project Fellow Positions)

1. Advertisement No:

2. Post Applied for:

3. Application fee details:

4. Category: SC/ST/OBC/UR
(please attach certificate, SC/ST/OBC)

5. Name (in block letters):

Last Name:

Middle Name:

First Name:

6. Father's /Husband's Name:

7. Permanent Address:

8. Address for correspondence:

Pincode:

Tel. No. & Fax No. with STD Code:

E- mail :

Mobile :

9. Nearest Railway Station:

10. Date of Birth (Date/Month/Year): (please attach certificate)

11. Age as on **09 May 2016** (in Years, Months and Days)

12. Educational Qualifications starting with Higher Secondary (10+2):

Exams passed	Name of the Board/ University	Year of passing	Subjects	Division	Percentage of marks obtained	Enclosed annexure No.

Space for
photograph
duly signed by
the candidate

13. If Ph.D., mention the following:

- i. Title of thesis:
- ii. University:
- iii. Name of Supervisor(s):
- iv. Year of award of the degree: (please attach copy of doctorate degree)
- v. (v) Summary (maximum 2 pages):

17. Secondary and Tertiary skills, if any

18. Number and details of papers published
(copies of up to 5 best publications must be attached)

19. Number of books published (Attach list)

20. Total experience as on **09 May 2016** in years and months

(a) After M.Sc :

(b) After Ph.D :

21. Employment details (Chronologically from present position backwards)

Name of the Employer/ Organization	Full Address of Employer/Organization	Post held (with pay scale)	Period From* - To*	Total emoluments drawn (Rs.)	Nature of duties/ experience

* Specify Month and Year

22. References: (Name and Designation along with contact address details including fax, email and mobile)

- (i)
- (ii)
- (iii)

23. Any other relevant information:

DECLARATION

I affirm that information given in this application is true and correct. I also fully understand that if at any stage it is found that any attempt has been made by me to wilfully conceal or misrepresent the facts, my candidature may summarily be rejected and employment terminated.

PLACE :

DATE :

(SIGNATURE OF THE APPLICANT)

Annexure 2: Written test syllabus

Wildlife Ecology and Management (20 marks)

Basic concepts of ecosystem, evolution, community ecology and bio-statistics. Biogeography of India. Himalayan ecosystems, flora, fauna, habitats, conservation and management issues. Demography, population dynamics and meta-population concepts.

Management of small and insular populations. Role of protected areas in biodiversity conservation. Application of tools in wildlife management: conservation genetics (Small and declining population paradigms: inbreeding depression & bottleneck etc), Population and Habitat Viability Analysis, Remote Sensing & GIS.

In situ and *ex situ* conservation. Major species specific conservation programs (e.g.: Project Tiger, Project Elephant, Project Snow Leopard etc). Human wildlife interactions and their impacts (e.g.: Developmental projects, conflict).

Basic concepts of ecodevelopment, compensatory mechanisms for losses due to wildlife, peoples participation. Legal instruments for conservation: Wildlife (Protection) Act, 1972; Biodiversity Act, 2002; Indian Forest Act, 1927; Forest (Conservation) Act, 1980; and Environmental (Protection) Act, 1986. International agreements and conventions (CITES, CMS, CBD and Ramsar).

Subject domains of respective posts (20 Marks)

For Project Scientists: Factors influencing Himalayan Vegetation; Phylogeography, Anthropogenic pressures on wildlife habitats in the Himalayan region; conservation and management of ecosystems; Impact of climate change on ecosystem structure and functioning; long-term ecological monitoring.

For Project Associate: Biogeography of the Himalaya with reference to aquatic fauna climate change/variability, aquatic/stream ecology, conservation and management of aquatic resources of the Himalaya.

For Project Assistant: Himalayan flora, fauna, Himalayan vegetation, Ethnobotany, human ecology, anthropogenic pressures on wildlife habitats in the Himalayan region