

The logo for the Indian Institute for Human Settlements (iihs) is located in the top left corner. It consists of the lowercase letters "iihs" in a white, sans-serif font, with a registered trademark symbol (®) to the upper right. The logo is set against a dark red rectangular background.

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INDIAN INSTITUTE FOR  
HUMAN SETTLEMENTS

## **JOB DESCRIPTION**

Senior Research Associate (Quantitative  
Specialist) – School of Environment and  
Sustainability (SES)

**About Us**

The Indian Institute for Human Settlements (IIHS) is an interdisciplinary knowledge institution and distinct university, committed to the equitable, sustainable and efficient transformation of Indian settlements. It conducts an integrated programme of quality campus-based teaching and research, applied research/ practice-based work to deliver large-scale impact, training and lifelong learning for working professionals as well as blended learning. IIHS brings together theory and praxis around India-centric knowledge and applied research, while engaging with and drawing from knowledge across the globe.

For more information, please see <http://www.iihs.co.in>

**About the School of Environment and Sustainability (SES)**

The School of Environment and Sustainability at IIHS examines and answers questions around sustainable development and the environment, ecological restoration and nature-based solutions, and adapting to climate change impacts and risks. The school focuses on human settlements and socio-ecological systems across a continuum from semi-natural ecosystems to mega-cities in India and the Global South.

**Job Description**

The senior research associate will be part of an interdisciplinary team working on the intersection of climate change and gender. The role involves analyzing climate and gender-linked vulnerabilities, developing gender-disaggregated climate datasets, and providing evidence-based insights for policy and programmatic interventions.

This is a contractual engagement for an initial term of 11 months, renewable on mutual consent.

**Activities and Tasks**

Responsibilities would include, but not be limited to, the following:

- Developing a data-oriented framework at the interface of climate change and gender;
- Leading the primary data collection (what, how and where) and analysis of 'new' primary data; and the deep mining and processing of available secondary quantitative data on climate change and gender;
- Identifying, managing and analysing large-scale secondary datasets including running a validation and selection exercise (e.g., census, NFHS, climate data, socio-economic datasets);
- Exploring new and innovative data processing techniques that enable identification of fine-grained insights on climate change and gender;
- Designing and implementing household surveys aligned to the conceptual framework on climate change and gender;
- Presenting data through innovatively visualised infographics, emphasising outreach to key audiences;

- Developing an archetype of an AI-based interface to track social and other early warnings on issues of climate change and gender;
- Working with the internal IIHS team to develop a web-based interface that aggregates insights and manages the data interface on climate change and gender;
- Participating in and contributing to the preparation of reports, policy briefs, and academic publications;
- Providing support to other IIHS activities including academics, research, training, practice, operations and others;
- Participating in all activities of Institution-building at IIHS; carrying out tasks as assigned by IIHS; and traveling on IIHS work within or outside the country as and when needed.

### **Structure and Reporting**

The senior research associate will report to the Lead – SES at IIHS and will be required to collaborate with a diverse group of interdisciplinary researchers, internal teams and external individuals/organizations.

### **Person Specification**

The ideal candidate should have:

- A Master's degree in Economics, Statistics, Mathematics, Computer science, or a field, with the ability to apply quantitative data skills to questions of climate change impacts, gender and inclusive development;
- At least 5 years of experience in quantitative research, preferably on climate, gender, public policy and health related projects;
- Expertise in statistical analysis tools (R, Stata, Python, or SPSS);
- Experience working with large-scale datasets (e.g., NFHS, NSSO, climate datasets);
- Strong knowledge of climate change adaptation, gendered vulnerabilities, and public health linkages is an asset;
- Experience in designing and implementing quantitative surveys;
- GIS and spatial analysis experience would be an advantage;
- Exposure to machine learning techniques and other novel approaches to data mining would be an added advantage.

This is a contractual engagement for an initial term of 11 months, renewable on mutual consent. This offer is on an exclusive basis, which implies that other professional assignments (whether compensated or not) that bear a potential conflict of interest with IIHS cannot be undertaken.

The search will remain open until the position is filled.

### **Location**

This position is based in Bengaluru and may entail travel to other locations in India.

**Review and Assessment**

The role and performance of the incumbent shall be subject to normal review and assessment systems at IIHS.

**Diversity Policy**

IIHS is an equal opportunity employer that encourages women, people with disabilities and those from economically and socially excluded communities with the requisite skills and qualifications to apply for positions.

**To apply**

If you are interested to explore this opportunity with us, please fill the online application form by clicking [here](#). (You can also click on the "Apply Now" button at the end of the Job Description displayed on the website).

**Contact**

Please write to us at [hr@iihs.co.in](mailto:hr@iihs.co.in) if you need any clarifications while filling the online application form.



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