

JOB DESCRIPTION

Associate – Planning & GIS

About Us

The Indian Institute for Human Settlements (IIHS) is a national education institution committed to the equitable, sustainable and efficient transformation of Indian settlements.

IIHS aims to establish an independently funded and managed national university for research and innovation focused on the challenges and opportunities of India's urban transition. The proposed IIHS University will host an integrated programme of quality campus-based education and research, training and lifelong learning for working professionals, distance and blended learning, as well as a whole array of practice and advisory services. The university will have a strong interdisciplinary orientation bringing together theory and praxis that is grounded in the South Asian context and also engages with and draws from knowledge across the globe.

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

Job Description

The Associate – Planning & GIS will be partly working (50% time) on a project on the improved management of land, and partly (50% time) on a project that is interested in tracing incremental growth of informal settlements and housing in Delhi.

Activities and Tasks

The Associate – Planning & GIS will be required to:

- Combine expertise in Planning, GIS and Law for improved management of land including data, maps and systems of ownership, use, transfer, registration, and related legal and policy issues;
- Assist with aspects related to GIS, helping support the detailed institutional and evidence based analysis of the ground situation in the context of national and state level initiatives, as well as assistance in implementation of various such initiatives;
- Carry out detailed secondary and primary data collection and analyses on ongoing initiatives in select sites, various states and at the national levels;
- Carry out collection and processing of relevant maps and map-based information; digitization of spatial information; and production of outputs using mapping and GIS software;
- Engage with government officials and other relevant stakeholders in select states on the above aspects;
- Develop methods on optimal ways of downscaling city level and regional levels to sub-city levels, identify spatial patterns in the urban areas using advanced remote sensing, GIS, and spatial statistical analysis with special focus on informal settlements;
- Be expected to be on the ground in three settlements to map built form and build varied visualisations of the urban fabric;
- Be involved in spatial analysis of the demand and supply of rental housing in Delhi and Bangalore;
- Be expected to do archival work on recreating the history of urban neighbourhoods in New Delhi;
- Be part of a team engaged in ethnographic work in informal settlements and will be expected to contribute to interviews, transcription and analysis;

- Organise, visualise and analyse large temporal and spatial datasets that are usable for communication and decision making;
- Assist in documentation and preparation of reports and outputs based on GIS, IT and e-governance and institutional aspects of land administration as needed;
- Translate the experiences from practice into knowledge to contribute to research. This would include publication of journal articles, working papers, case studies etc.;
- Assist in teaching, content development and course delivery for training and capacity building initiatives, by using sectoral expertise along with various pedagogical approaches;
- Take on new analysis as needed within the project and participate in other activities of IIHS, including those related to academics, research and operations.

Structure and Reporting

The Associate – Planning & GIS will report to the Team leader of the IIHS Geospatial Lab, with dotted line reporting to the Lead - Academics & Research and the Head – Legal & Regulation, who are team leaders of respective projects at IIHS.

Person Specification

The GIS & Planning candidate should have:

- A Master's degree in a relevant discipline (Planning, Architecture, Urban Studies, Geoinformatics, or Social Sciences with strong Urban content);
- 2 -3 years of experience in implementing geo-spatial and planning analyses, different methods of data collection;
- Expertise in advanced remote sensing and GIS analysis using VHR imagery;
- Working knowledge of open source GIS, CAD, 3D modelling software tools;
- Good analytical skills and a high degree of proficiency in database and other MS Office applications;
- Good language skills in English and Hindi, an ability to write reports, and project management skills;
- The initiative and drive to take on tough challenges, enjoy travel, have good inter-personal communication skills, and be comfortable in working in highly inter-disciplinary teams.

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

The position is based in Delhi/Bangalore, with frequent travelling to select locations.

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.

Contact

Please email an updated resume, along with a cover letter addressing how you meet the above requirements, to hr@ihs.co.in (*Subject: Associate – Planning & GIS*).



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