

Job Description

Organisation	National Institute of Urban Affairs
Functional Title	Research Fellow/Associate - Specialisation in GIS
Duration	One Year (Renewable)

About the National Institute of Urban Affairs

The National Institute of Urban Affairs is an autonomous body under the Ministry of Housing and Urban Affairs. It is a premier institute dedicated to advancing research, capacity building and knowledge dissemination in the urban sector.

Its mission is to promote pioneering research and expertise to advance integrated urban solutions, and build a robust discourse on emergent urban issues. It is achieved through training, and capacity development initiatives, collaborating closely with state governments and urban local bodies.

Main Duties and Responsibilities:

- Undertake GIS based spatial modelling including spatial regressions, sprawl analyses etc. (Ability to prepare simple maps using GIS platform is not enough for the position.)
- Georeference and project such datasets. Normalise different datasets into one common format and undertake statistical analysis and prepare maps.
- Locate, obtain and compile spatial data from variety of open sources including satellite imagery, aerial photographs, night light data, open street maps etc.
- Interpret Satellite Images and visualise results with appropriate techniques.
- Integration of primary survey into GIS platform, automate the process of data collection and undertake data analysis
- Apply innovative thinking towards utilizing geospatial data.
- Stay in tune with cross-sector data outputs in demography, environment, housing etc.

These key tasks are not exhaustive but simply highlight the type of tasks which the incumbent is expected to perform in a multi-disciplinary team.

Qualifications, Experience, Knowledge and Skills

Qualifications

- Post Graduation/PhD in Geography/ Economics/ Statistics/Development Studies/ Urban or other relevant discipline
- Degree/Diploma/Training in Remote Sensing and GIS is desirable

Knowledge

- Knowledge of urban sector is a must
- Demonstrated proficiency in basic econometrics, mapping and modelling and creative application of GIS in the urban context
- Knowledge of secondary datasets (Census of India, NSSO, NFHS, PLFS, CMIE, IHDS and ASI)
- Knowledge of relevant data analysis software such as R, SPSS, STATA is desirable.

Experience

- Atleast 3-8 years relevant research experience after post-graduation
- Research and publications related to utilization of GIS techniques

Application process

- Application should contain detailed CV and a covering letter citing current position and remuneration and expressing interest and suitability for the position applied.
- Only shortlisted candidates will be invited for interview.

Location of position

Based at the office of the NIUA, Core 4B, India Habitat Centre, Lodhi Road, New Delhi; with travel as and when required.

Term of position

Fixed position for 1 years (renewable). The position is purely on contractual basis.

Remuneration

At par with the industry standards, depending on experience and skills. Proof of past remuneration may be required upon offer.

Last Date to Apply: Applications will be accepted until May 11, 2025.