Opening: Research Assistant, Project Social-AQI, IIIT-Delhi

A team of researcher at IIIT-Delhi are looking to hire a Research Assistant for six months, for a pilot study on S-AQI that requires combining diverse data sources to address the challenge of Delhi's poor air quality. The RA would help the PIs with building new forms of social, demographic and spatial datasets alongside conventional metrics of air pollution and help with identifying, parsing and evaluating the 'openness' of such sources.

About S-AQI

Social-AQI is a cross-disciplinary collaboration between Dr Raghava Mutharaju (PI), Center of AI, IIIT-Delhi and Dr Aasim Khan and Dr Praveen Priyadarshi (co-PIs), both at the Department of Social Sciences and Humanities, IIIT-Delhi. Standing for 'Social Air Quality Index', this project aims to develop related datasets, which provide a 360 degree view to policy leaders on the quality of Delhi's ecosystem. This exciting research project is funded under the DRIIV scheme and is part of a Delhi wide research vertical aimed at addressing the challenge of air pollution through innovation. For more details see https://driiv.iitd.ac.in

Timeline:

To begin with, March 2021, we aim to study two locations in and around Okhla locality in Delhi, and develop a better *data sense* around key social and spatial indicators that can contribute to conventional data sources of air pollution. The initial goal of the pilot is to identify new forms of data available and use contrasting locations, to be able to explore which variables might be contributing to the challenge of air pollution, and then relate them to build the Social AQI for other localities in the NCR region.

Job Description

Job Title: S-AQI Research Assistant
Reporting to: PI and Co-PIs
Experience level: Flexible
Duration: 3 months, extendable up to 6 months
Location: Delhi
Pay Scale: As per DRIIV Research Assistant standards (up to 40,000 INR per month)

Responsibilities:

- Conduct primary research, including field-based interviews (on-field or on-phone, March – June 2021)
- Support in organising S-AQI workshop (May-June 2021): Identifying participants, deciding agenda, policy and municipal officials
- Help with reviewing relevant literature, writing extension grant (March – June 2021)
- Work with Ras in AI dept to build new datasets and enable them to evaluate 'openness' of the same.

Qualifications:

- Post- graduate degree in Political Science, Sociology, Public Policy or related field from a recognised university.
- Understanding and capacity to find and use data sources relating to air quality and social and spatial indicators, including ability to use spatial software products (GIS).
- Excellent skills in oral and written communications in English, and full working proficiency in Hindi preferred

To apply: Interested applicants should submit a CV, a cover letter- one page, and a writing sample not more than a year old (at least 500 words, and up to 1000 words **by Sunday, March 7th, 2021**.

Women and minorities – please apply.

E-mail: binoj@iiitd.ac.in