

ICLEI - Local Governments for Sustainability, South Asia

VACANCY ANNOUNCEMENT

I. Position Information:

- **Job Title:** Geographic Information System (GIS) Expert (1 position)
- **Job Code:** GIS_Urban_Thailand_AUG2025
- **Project:** ACTIVATE Bangkok- Transit-Oriented Development (TOD) Planning for Bangkok
- **Reports to:** Associate Director–Urban
- **Location:** Bangkok, Thailand
- **Type of Contract:** Contractual (14 months -Extendable)
- **Closing Date:** Open Until Filled

II. Organizational Context

ICLEI-Local Governments for Sustainability is a leading global network of 2500+ cities, towns and regions committed to building a sustainable future. ICLEI works with local governments through international performance-based, results-oriented campaigns and programs. In its result-based approach, ICLEI brings cities around the world together to build partnerships and share techniques to promote participation and the effectiveness of environmental protection through local-level initiatives.

ICLEI's South Asia Secretariat operates from New Delhi, India. Engagement with cities is enabled through project offices located across cities and states in India, Nepal and Bangladesh. With a membership base of over 70 cities, ICLEI South Asia offers a wide range of technical services, support and customized methodologies on sustainable urban development, climate change, energy through donor funded programs and projects. ICLEI South Asia helps cities strengthen their technical capacity, improve awareness of sustainability issues among elected representatives, administrators and citizens, provide information, and develop a greater capacity for cities to deliver basic services in the most sustainable manner.

ICLEI's substantive focus is helping cities build and share solutions to the challenges of:

- Climate Change
- Water and Air Pollution
- Waste Management
- Renewable Energy and Energy Efficiency
- Built Environment
- Clean Transport
- Disaster Management
- Environmental Management Systems

Projects related to thematic areas of mobility, built environment, climate change, energy efficiency, renewable energy, sustainability management, water, green growth among others are executed by ICLEI South Asia through support from various donors (such as IKI, Clean Air Fund, Swiss Agency for Development and Cooperation, European Commission, GIZ, USDOS, UNEP, UNDP) and various ministries in Government of India and various state government funding sources. ICLEI South Asia has extensive experience of working with cities to offer technical assistance, conduct techno-economic studies, undertake research and analyses, formulate policy and action plans, design and pilot innovative solutions, deliver capacity building and knowledge transfer, among others.

For more information, visit <https://southasia.iclei.org/>

III. Function

ICLEI-Local Governments for Sustainability along with UN Habitat is assisting BMA in undertaking a comprehensive Transit-Oriented Development (TOD) initiative to optimize land use around existing and proposed mass transit stations, improve last-mile connectivity, promote sustainable urban growth, and enhance urban mobility options. The project will support integrated land use and transport planning, ensuring better accessibility, reduced congestion, and improved quality of life for city residents.

GIS Expert will be responsible for managing, analyzing, and visualizing geospatial data to support TOD planning in selected transit station areas. The role involves spatial analysis of transport infrastructure, land use, accessibility, demographic data, and the preparation of high-quality maps and GIS-based outputs for technical reports, presentations, and stakeholder engagement. The position will be responsible for tasks including:

Key Responsibilities:

- Compile, manage, and analyze geospatial data sets related to transport networks, land use, zoning, demographics, and environmental assets.
- Support the delineation of TOD precinct boundaries, influence zones, and walkability catchments using GIS tools.
- Conduct spatial analysis for accessibility, connectivity, last-mile gaps, and multimodal integration opportunities.
- Create thematic maps, dashboards, and geospatial visualizations for reports, presentations, and stakeholder consultations.
- Support the transport planning and urban design teams with GIS-based scenario modeling for proposed interventions.
- Coordinate with city authorities and partner agencies for data collection, validation, and updates.
- Maintain a spatial database for all TOD project areas, ensuring data quality, metadata standards, and version control.
- Integrate transport modeling results and survey data into GIS platforms for enhanced spatial analysis.
- Contribute to capacity-building sessions for local government staff on GIS-based TOD planning tools and methodologies.

Mandatory Qualifications

Experience:

- 4–6 years of experience in GIS-based spatial analysis for urban transport, land use, or infrastructure projects.
- Proficiency in GIS software such as ArcGIS, QGIS, and related spatial analysis tools.
- Experience with transport network mapping, accessibility analysis, and TOD-related geospatial studies.

Education:

- Bachelor's or Master's degree in Geography, Geoinformatics, Urban Planning, or a related field.

Language:

- Fluency in Thai and English (Read/Write/Speak) is mandatory.

Rated Qualifications:

Competencies:

- Knowledge of open-source mapping tools and geospatial data standards.
- Familiarity with Bangkok's urban context and transport systems is preferred.
- Strong data management, cartography, and spatial visualization skills.
- Good interpersonal and coordination skills for multi-stakeholder projects.

Preferred Skills:

- Experience with transport accessibility tools like Open Trip Planner, QGIS plugins, or ArcGIS Network Analyst.
- Ability to work with transport modeling outputs and integrate them into GIS platforms.
- Basic understanding of Python or R for spatial data processing is an advantage.

IV. Eligibility Criteria:

- Applications are open to all candidates eligible to work in Thailand.
- Thai nationals will be given preference.
- Selected candidates will be required to arrange their own visa and accommodation in Bangkok for the duration of the contract. The organization will not cover any related expenses.

V. Submission Details:

- Interested candidates are requested to email their CV (mentioning the job code in subject line), along with a one-page note describing suitability for the position and two references.
- Email your applications to divyaprakash.vyas@iclei.org and simran.kaur@iclei.org.
- Only shortlisted candidates will be contacted.
- ICLEI South Asia promotes Diversity, Equity and Inclusiveness (DEI); hence it encourages all, including females to apply for the position.
- Remuneration will commensurate with qualification and experience.

VI. Contact Information:

ICLEI-Local Governments for Sustainability, South Asia

C-3, Lower Ground Floor Green Park Extension New Delhi - 110016 India

Website: <http://southasia.iclei.org/>

VII. Closing Date:

Position will be open until filled. However, Interviews will be conducted on rolling basis, and the position will be filled as soon as there is a right match. Hence, interested candidates are encouraged to apply at the earliest.