

Introduction to GIS/Remote Sensing/GEE

THRISSUR CITY

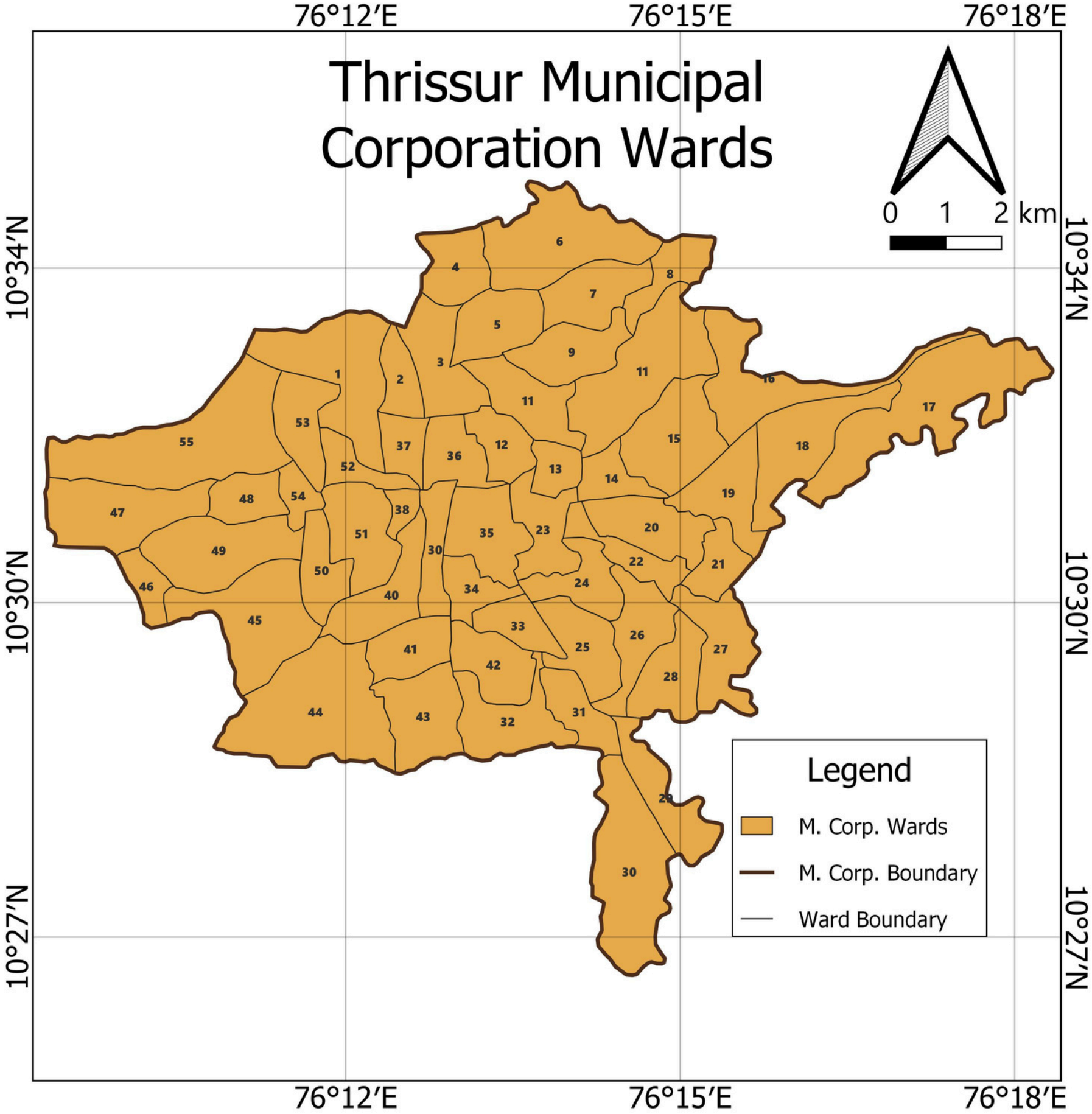
Digitising Point, Line, and Polygon features in Kerala's Cultural Capital

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H2024CG012

M. A. Cities and Governance, Sem II

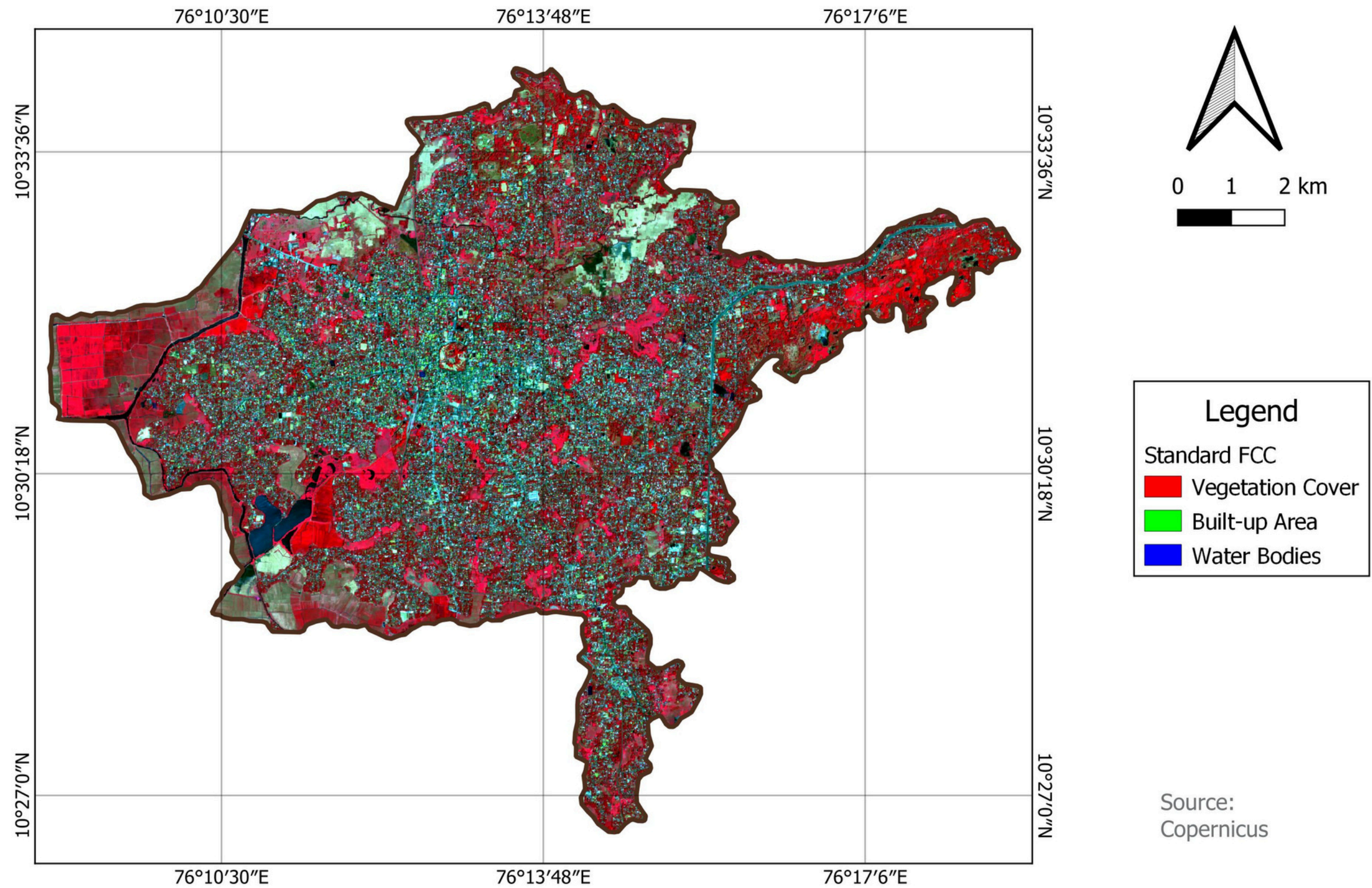
Thrissur Study Area Map



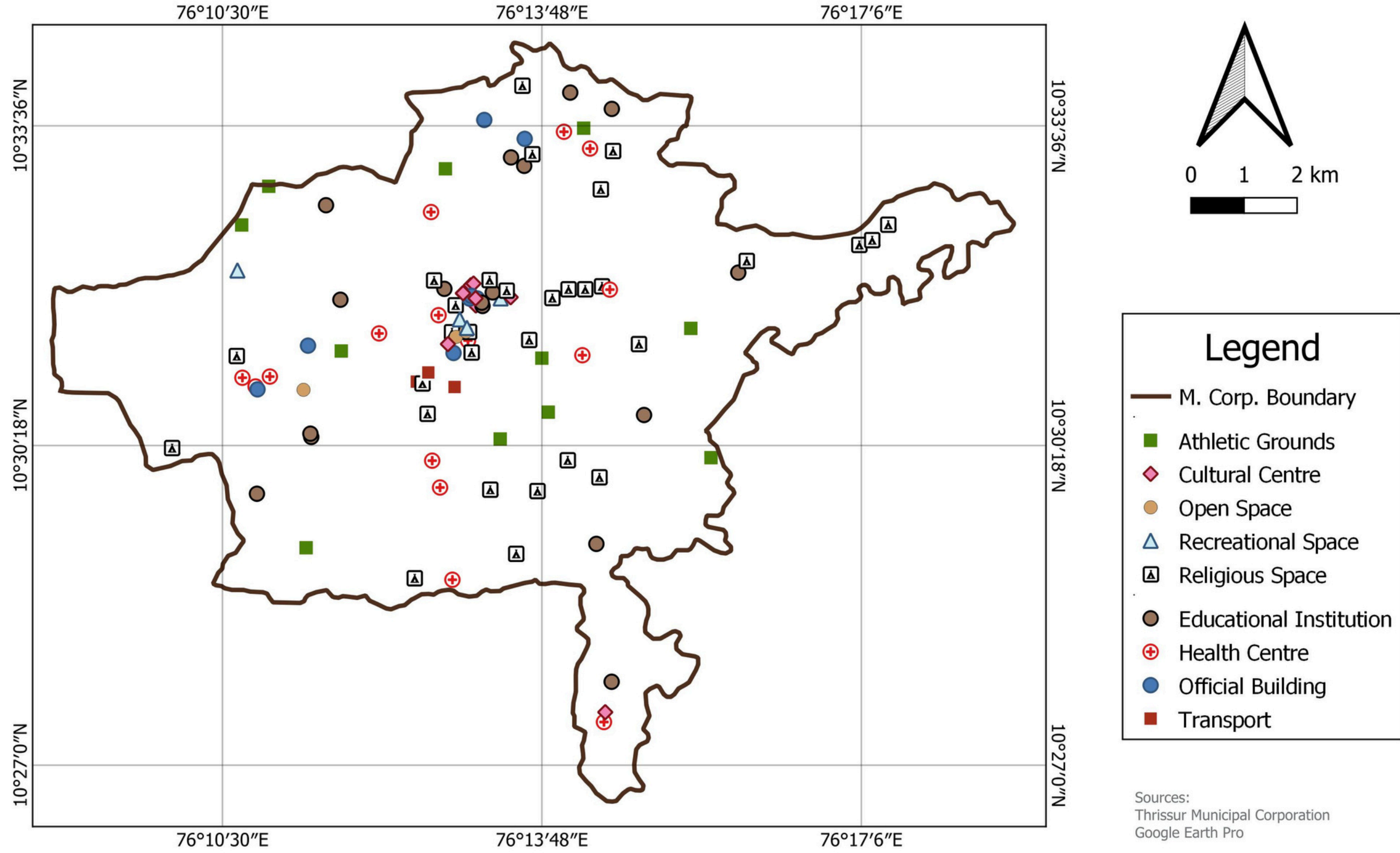
Sources:
Thrissur Municipal Corporation
GitHub

- Situated in central Kerala, Thrissur is a major urban center in the state. It serves as the district headquarters.
- **‘Cultural Capital of Kerala’**. Known for its rich heritage, temples, and festivals, including the Thrissur Pooram.
- Approximately **101.42 sq. km**, with a population of over 300,000 as per the Census 2011. The Municipal Corporation has **55 wards**.
- A hub of trade, finance, and academic institutions, and various universities.
- Well-connected by National Highway 544, State Highways, and the Southern Railway, making it a key transit point in Kerala.
- Thrissur's natural landscape is shaped by its rivers, wetlands, and green spaces.

Thrissur City Vegetation, Built-up Area, and Water Bodies

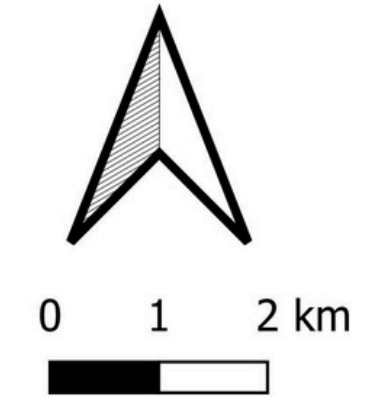
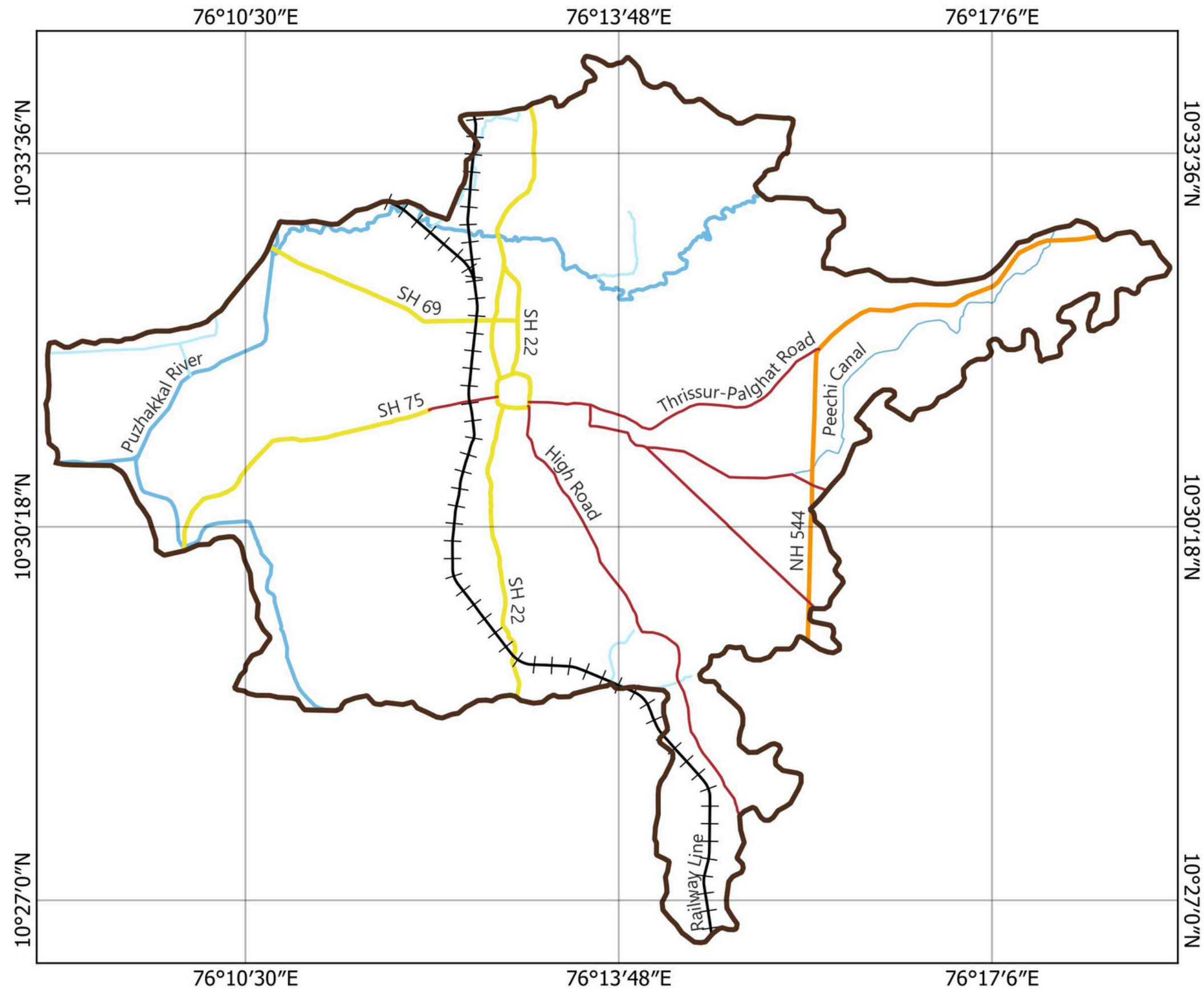


Thrissur Municipal Corporation Point Features



- Thrissur has **specialized colleges** in arts, commerce, science, and medicine.
- Government and private **hospitals** ensure access to medical care.
- Landmarks like **Vadakkunnathan Temple, Our Lady of Dolours Basilica, and Cheraman Juma Masjid** highlight Thrissur's diverse spiritual heritage.
- Thrissur Municipal Corporation, district **administrative offices**, and police headquarters oversee law enforcement and governance.
- **Thekkinkadu Maidanam, Thrissur Municipal Stadium, and Sports Turfs** offer open spaces for cultural and recreational activities.

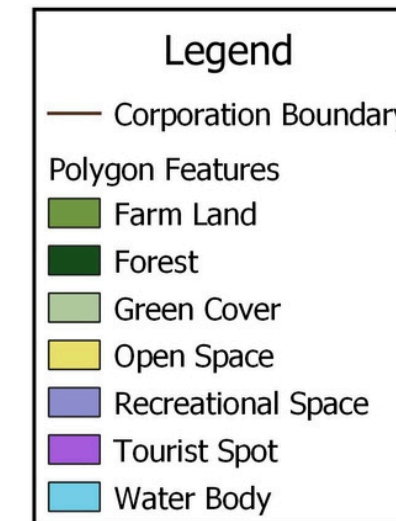
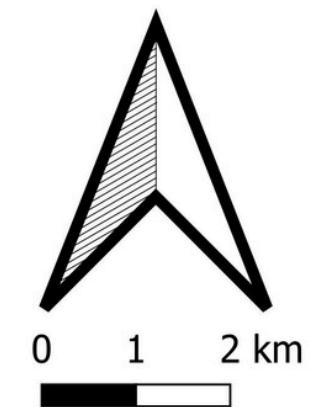
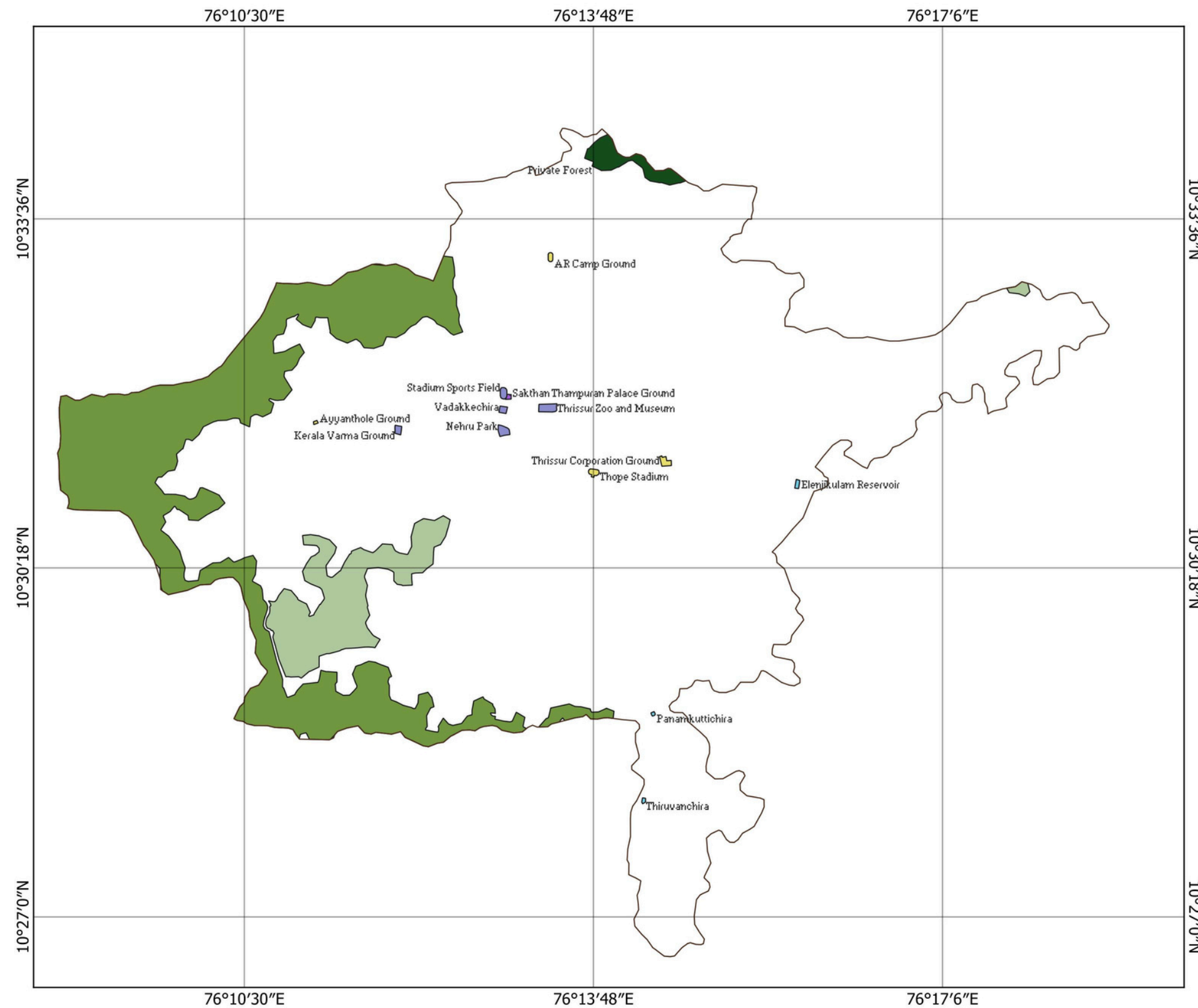
Thrissur Municipal Corporation Line Features



Sources:
Thrissur Municipal Corporation
Google Maps

- **NH-544** enhances regional connectivity, linking Thrissur to major cities like Kochi and Coimbatore.
- **State highways** provide intra-state access, facilitating trade and daily commutes.
- Major **city roads** ensure smooth urban mobility and access to key areas.
- **Railway line** connects Thrissur to Kerala's railway network, boosting intercity travel.
- **Rivers, rivulets, and canals** support irrigation and local ecology.

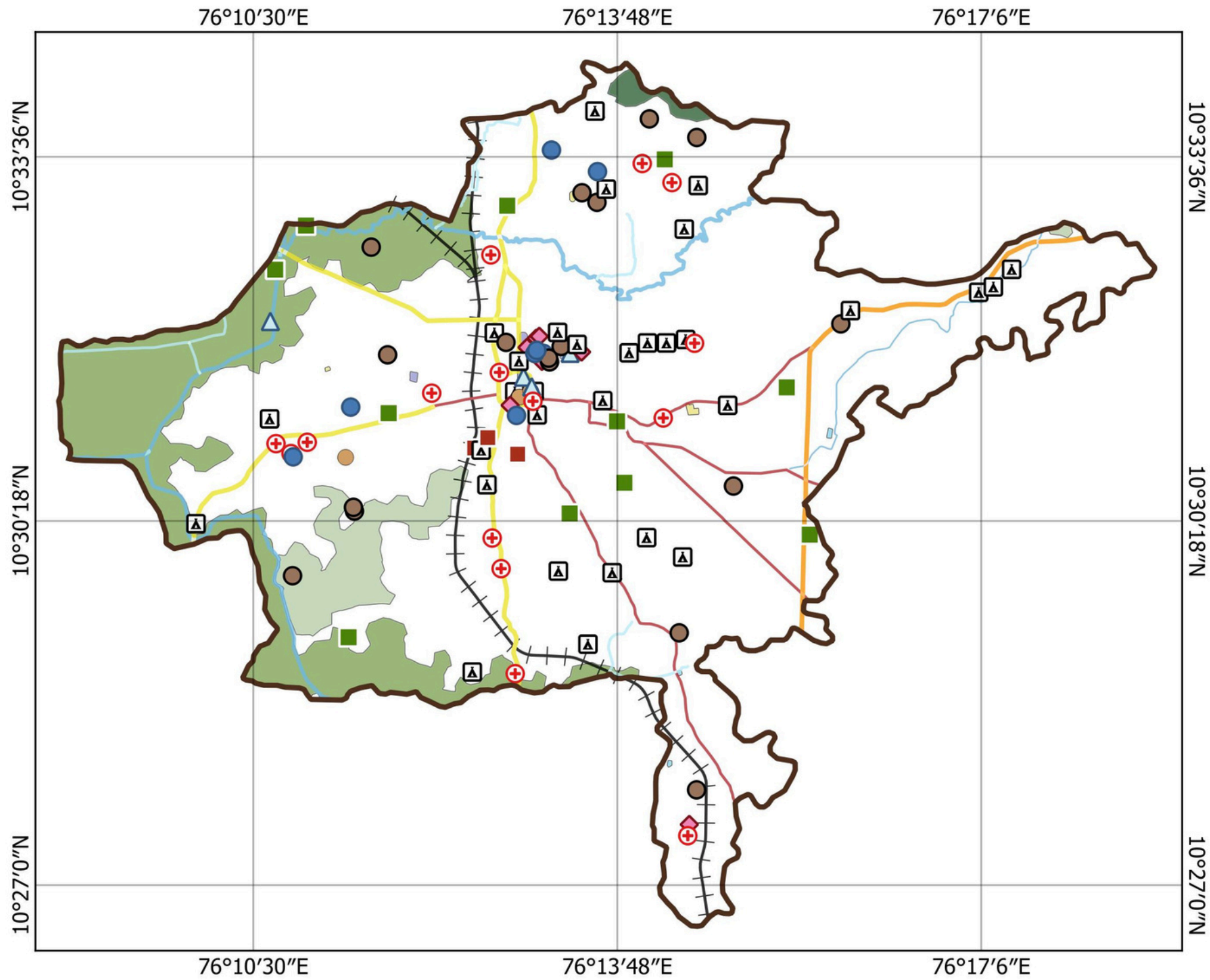
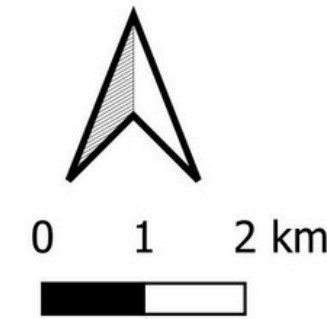
Thrissur Municipal Corporation Polygon Features



Sources:
Thrissur Municipal Corporation
Google Maps

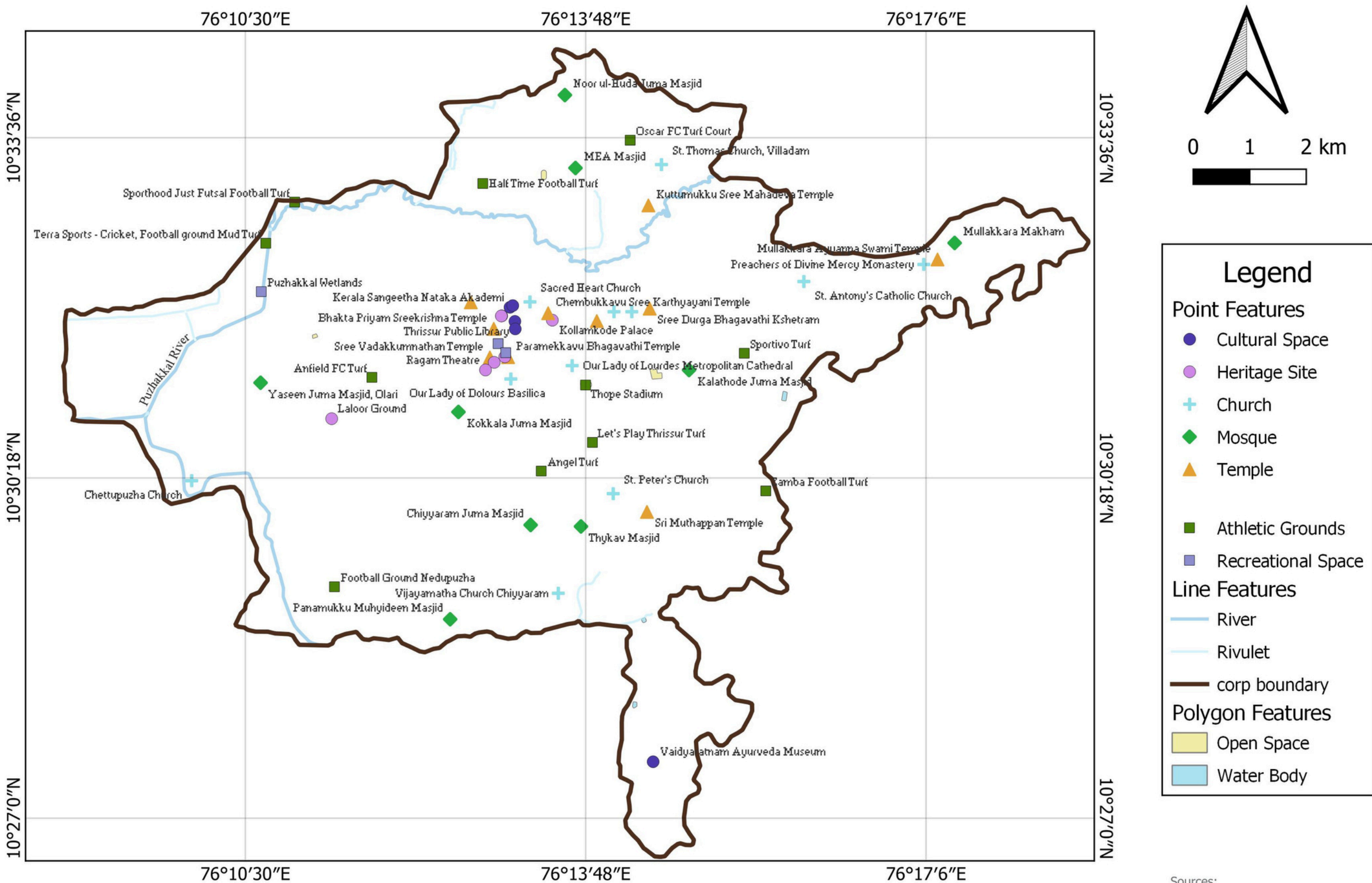
- Thrissur's periphery has pockets of **agricultural land**.
- The city's green cover includes **urban forests, parks, and landscaped areas**, enhancing air quality.
- **Ponds and lakes** act as rainwater catchments and help in groundwater recharge.
- **Open Spaces** in the city provide recreational and social spaces.

Thrissur Municipal Corporation Features: Points, Lines, Polygons



Sources:
Thrissur Municipal Corporation
Google Maps, Google Earth Pro

Cultural Spaces in Thrissur City



Sources:
Thrissur Municipal Corporation,
Google Maps, Google Earth Pro

- Thrissur is home to prominent religious sites like **Vadakkunnathan Temple, Paramekkavu Temple, and Our Lady of Dolours Basilica**, reflecting its rich spiritual and architectural heritage.
- Institutions like the **Kerala Sahitya Akademi, Kerala Sangeetha Nataka Akademi, and Kerala Lalithakala Akademi** foster literature, performing arts, and visual arts.
- **Kollamkode Palace, Thrissur Zoo, and Sakthan Thampuran Palace** are historical, ecological, and leisure attractions.
- **Puzhakkal river, Thekkinkadu Maidanam** are venues for festivals, protests, and recreation.
- The various turfs and stadiums cultivate generations of sports lovers, primarily football.

