

10 APPLICATIONS OF GIS



1. URBAN PLANNING

Support smart city planning by optimizing land-use, transportation networks and public resource allocation.

Identify evacuation routes, plan for resource redistribution, real-time tracking of hazards and assess damage after natural disasters.

2. DISASTER MANAGEMENT



Optimizing delivery route planning, traffic management, improving public transit networks for better mobility.

3. TRANSPORTATION



Revolutionizing agriculture through crop monitoring, precision farming, soil health analysis and agricultural resource management.

4. AGRICULTURE



5. ENVIRONMENTAL CONSERVATION



Monitoring habitat changes, tracking wildlife migration and planning for conservation efforts.

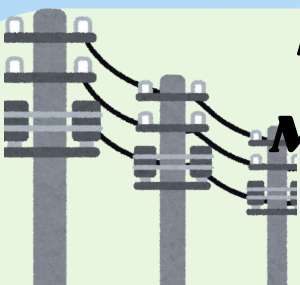
Mapping healthcare accessibility, tracking disease spread, accessibility analysis and planning for vaccine distribution.,

6. PUBLIC HEALTH



Utility mapping and planning for maintenance of infrastructure.

7. UTILITIES MANAGEMENT



Creating interactive travel maps, hiking trail guides, location based services

8. TOURISM AND TRAVEL



9. REAL ESTATE



Site location, property valuation, market analysis and ultimately aid in decision making.

Support humanitarian efforts through crisis mapping, aid distribution, disease control and public health interventions.,



10. Humanitarian Aid