

# Mountain Environment and Natural Resources Information System

## Bagmati River Knowledgebase and Resource Centre - Know Bagmati River Better

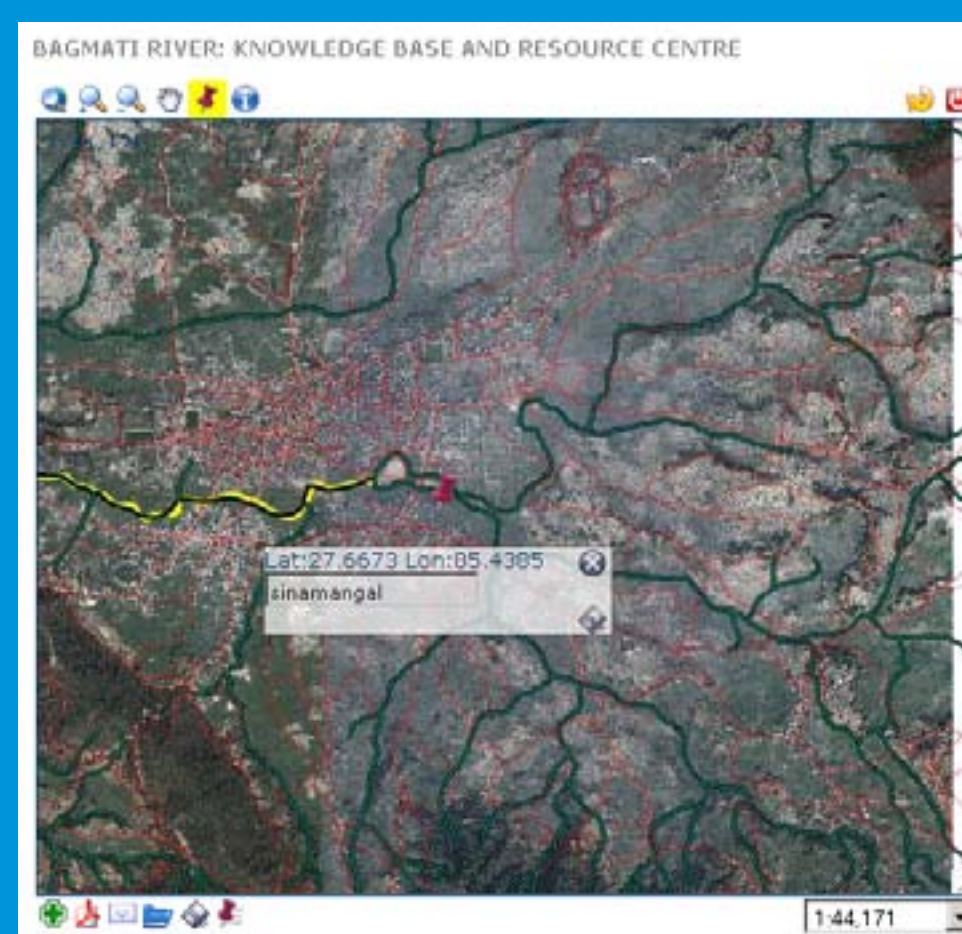
### Objective:

An interactive mapping and information system and spatial visualisation of the Bagmati watershed by acquiring data, maps and documents which would contribute to developing a comprehensive plan of action for restoration and conservation of the river system.

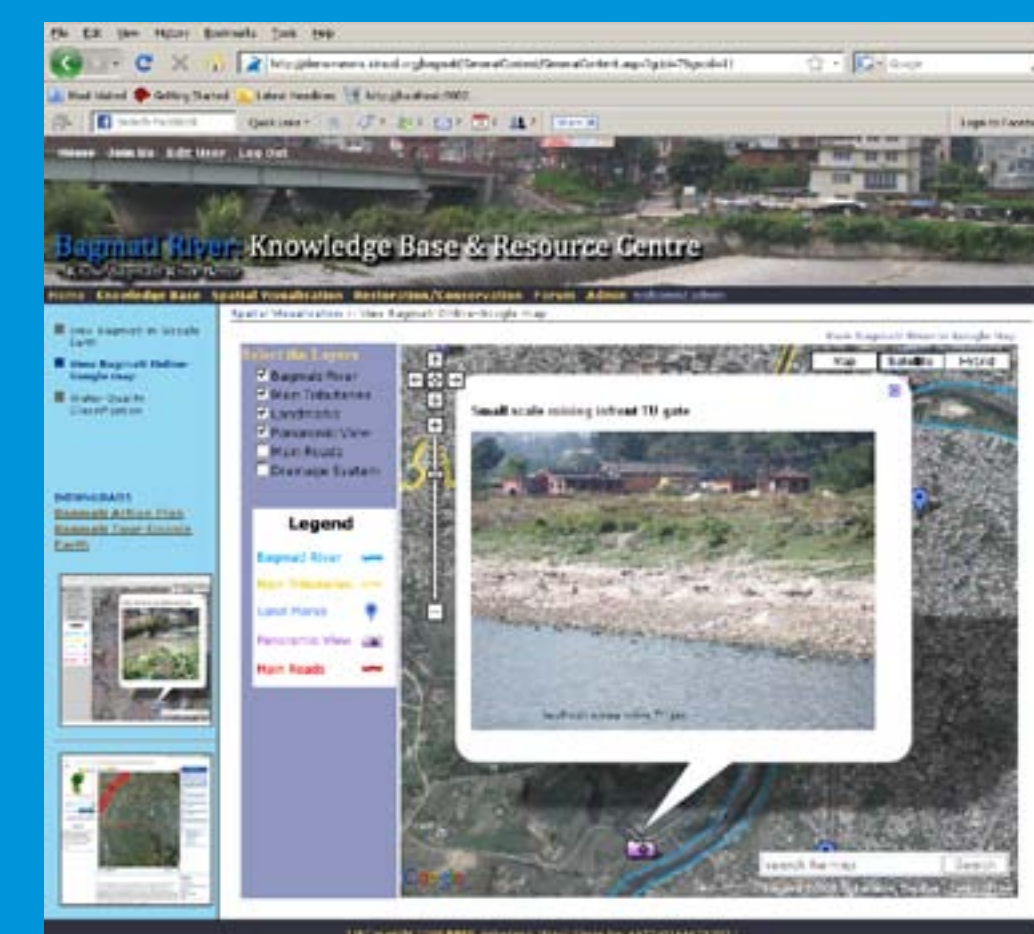


### Knowledgebase:

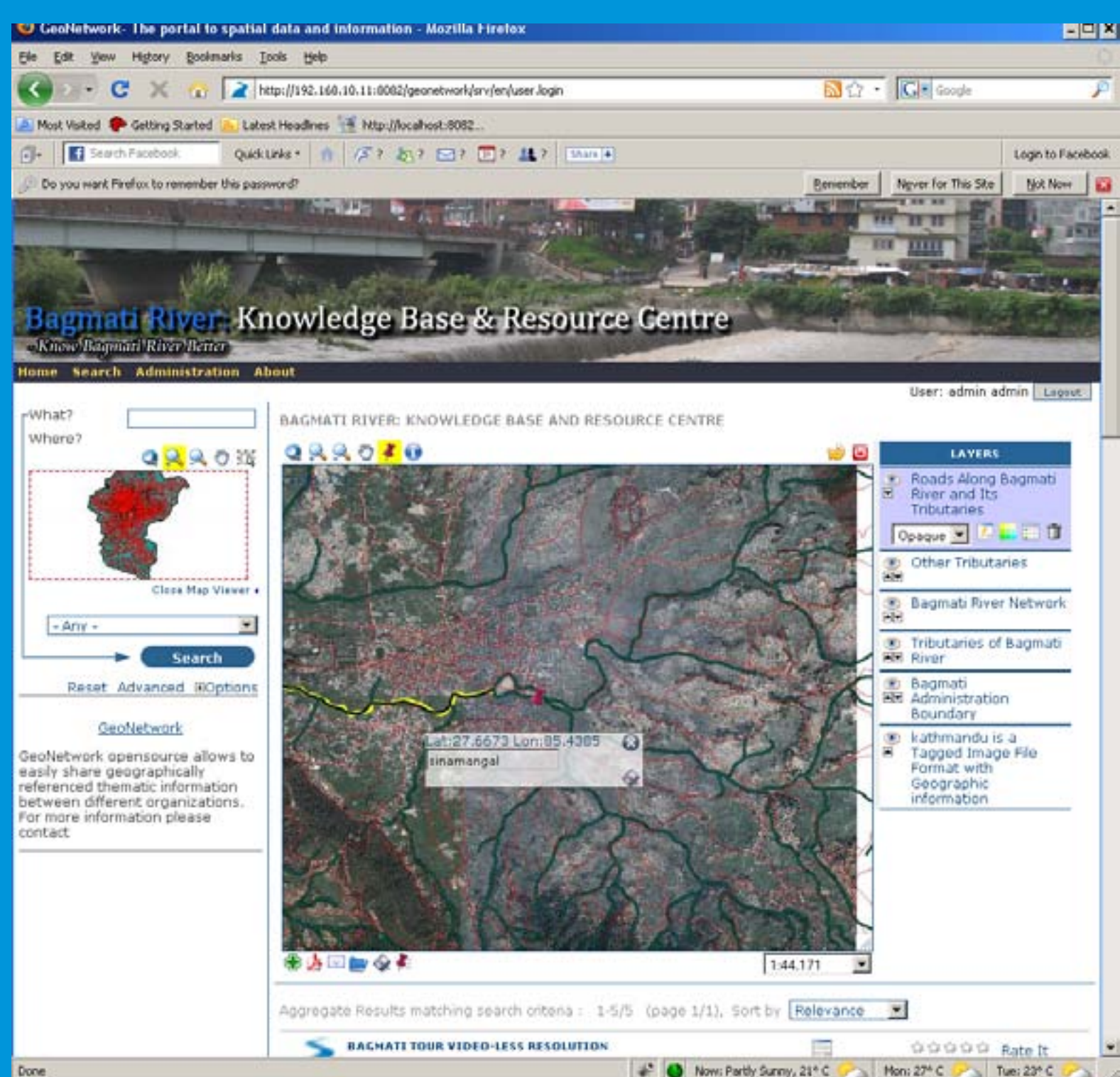
This part of the portal primarily focuses on supplying metadata related to Bagmati River. The interface allows easy access to information and data with the inclusion of advanced search option. The types of information include past reports, research papers, videos and GIS data.



Spatial Visualisation of Bagmati River in Google Earth



Spatial Visualisation of Bagmati River with Google Maps API



### Areas of Focus:

- Solid Waste
- Water Pollution
- Air Pollution
- Waste Water Management System
- Socio Economic Aspects
- Squatter Settlements
- Historical/Cultural/Religious Elements
- Institutional/Legislative Aspects
- Sand Mining
- Demarcation of Bagmati River
- Segmentation of Bagmati River

### Spatial Visualisation and Internet Mapping:

Dynamic Internet Mapping System is another key feature of the web portal. KMZ files are available for download for viewing in Google Earth Application at any time.

Spatial Visualisation is also enhanced by the inclusion of Google maps API - an internet mapping application in which users can view the layers as per their needs.

