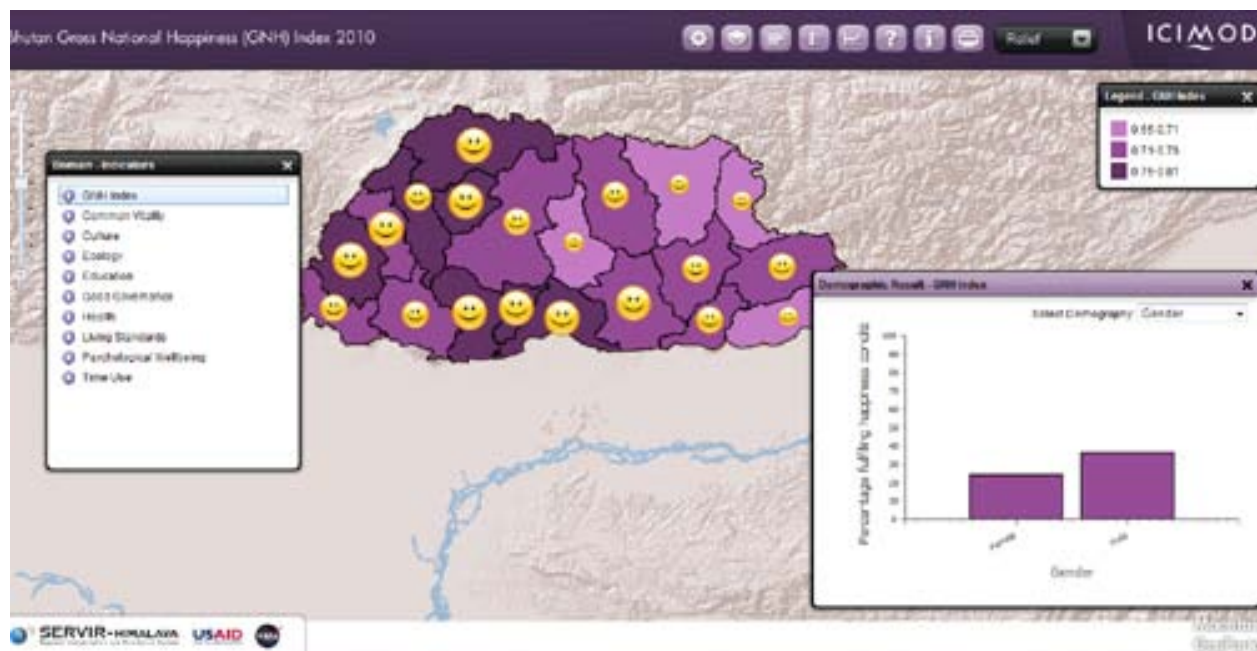


Socio-economy and Livelihood

The earth observation and related technologies are useful for analysis of livelihoods of the mountain people in relation the resource base and infrastructure, thus helping for better planning and implementation of development programmes. A number of application case studies have been developed to support planning and decision making for the improvement of socio-economic and livelihood conditions. The studies include at multiple spatial scales and cover a number of themes related socio-economic indicators mapping of individual RMCs, development indicators of Nepal, linguistic mapping of the HKH region, municipal/town planning and geo-database development.

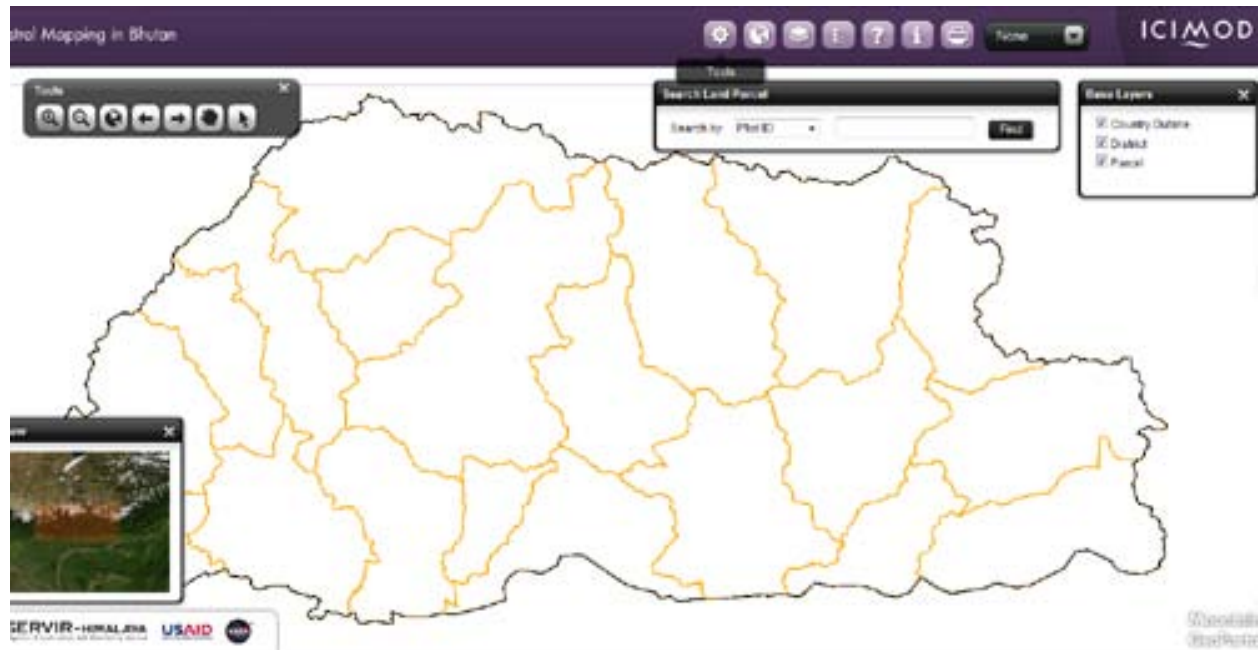
Bhutan gross national hapiness (GNH) index 2010

ICIMOD in collaboration with the Center for Bhutan Studies (CBS) has undertaken a preliminary analysis of the GNH indicators using a geo-spatial tools and methods. This application is aimed at presenting the GNH index in an interactive visual atlas form to a wider audience. The application further can be expanded to integrate mobile devices to get near real time data on happiness index.



Cadastral mapping in Bhutan

ICIMOD, in collaboration with the National Land Commission (NLC) of Bhutan, has developed an online data management system with web-based visualisation. The showcase demonstrates a pilot application using sample data from Monggar Dzongkhag (district). The system is aimed at assisting the land records administration in Bhutan.]



Nepal census indicators and trends

This application has been developed to present different socioeconomic indicators at the district level from data gathered in the Population Census 2001. The application provides a visual interactive socio-economic atlas of Nepal in 10 different thematic topics of the census. The application also provides easy visualization of trends over four decadal censuses from 1971, 1981, 1991 and 2001.

