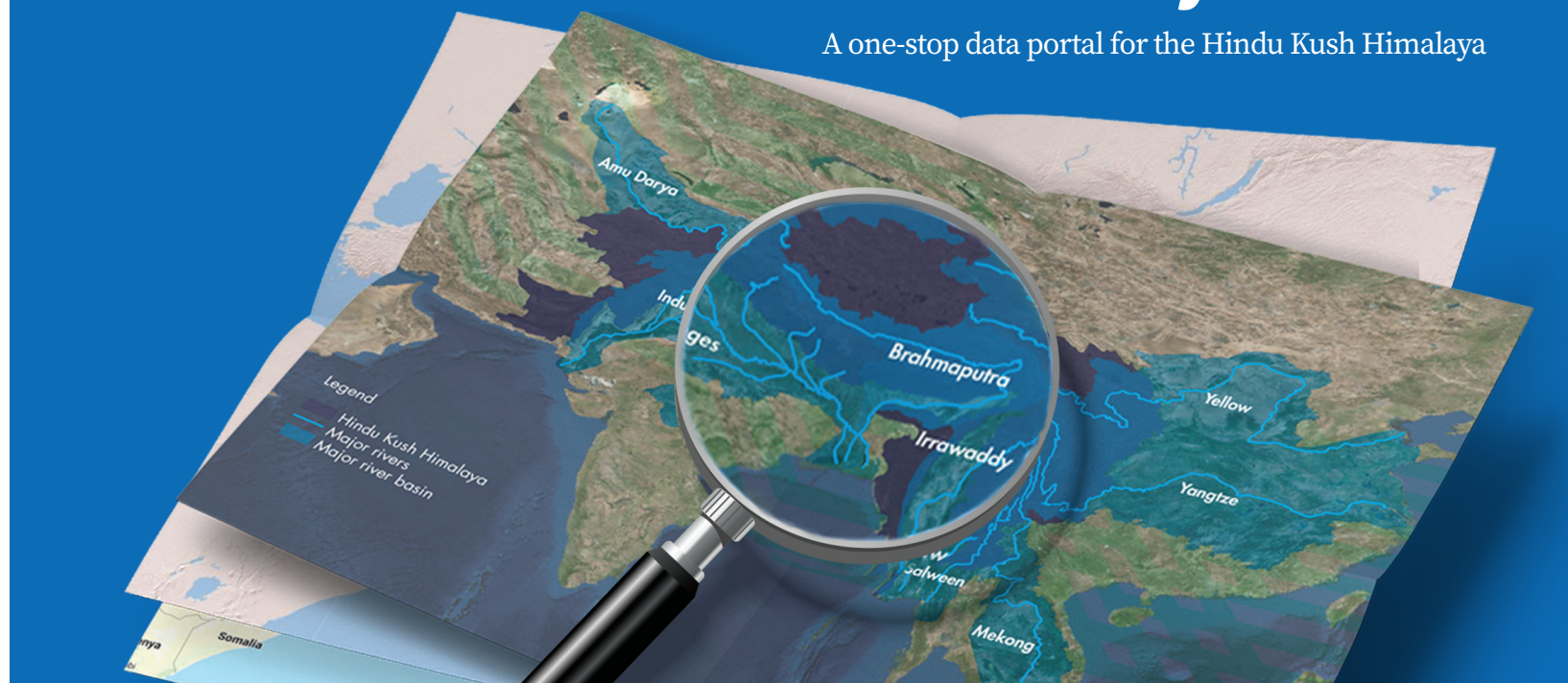




Background

ICIMOD believes that access to timely and high-quality data is essential to promote and accelerate learning on the challenges facing mountain ecosystems and their people; enable independent research and scientific enquiries; develop knowledge products and innovations that improve the wellbeing and livelihoods of mountain communities; and empower critical and urgent decision making and efforts during regional humanitarian crises. In this context, ICIMOD has established a Regional Database System (RDS) that acts as a central data repository for different thematic areas in the Hindu Kush Himalayan (HKH) region and provides easy access to these data through a web-based portal.

The RDS portal

The RDS portal serves as ICIMOD's clearing house for data curation and dissemination and ensures easy access to curated datasets; users can download ICIMOD's published datasets after following a simple registration process. The portal provides free-text search and advanced search capabilities; users can search by defining the title, abstract, keyword, or geographic extent. The search result shows a list of records consisting of the title, abstract, and thumbnail. Users can narrow down search results using provided filters and also view detailed metadata of any record.

Datasets stored on the RDS can also be accessed from the Global Earth Observation System of Systems (GEOSS) GeoPortal. Select biodiversity datasets are accessible from the Global Biodiversity Information Facility portal.

Regional Database System

Search: forest [Advanced Search]

Filters

Keywords

- Nepal (162)
- geoscientificinformation (112)
- icimod-server (108)
- servicetree (107)
- geo-biodiversity (97)
- Chitwan Annapurna Landscape (77)
- Climate Change Vulnerability (77)
- REDD (57)
- Forest (50)
- Forest Dependence (46)
- Sensitivity (32)
- BioClimate (27)
- Exposure (27)
- Chitwan (25)
- Watershed (22)

193 Record(s) found

Biophysical (Forest carbon) data of community forest in Kayar Khola for the year 2010, 2011, 2012 and 2013

Biophysical (Forest carbon) data of Community forest in Kayar Khola watershed, Nepal under a Pilot project "Design and setting up of a governance and payment system for Nepal's Community Forest Manag...

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Biophysical (Forest carbon) data of community forest in Ludi Khola for the year 2010, 2011, 2012 and 2013

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Biophysical (Forest carbon) data of community forest in Charnawati for the year 2010, 2011, 2012 and 2013

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Land cover of Nepal 2000

Land cover and its change analysis across the Hindu Kush Himalayan (HKH) region is realized as an urgent need to support diverse issues of environmental conservation. This study presents the first an...

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Above ground biomass (AGB) data in Nepal

From the field well distributed cruise (150m² and 500m²), 1124 field plots (0.001% representation of forest cover) measured which were used for estimation AGB (ton/ha) using Sharma et al. (1990) pr...

VIEW MAP **DOWNLOAD**

Maximum Tree Canopy Height data of Nepal

Leaf Area Index (LAI) generated based on Landsat-8 the OLI cloud free images. To generate tree canopy height map, a density scatter graph between the Geoscience Laser Altimeter System (GLAS) on the L...

VIEW MAP **DOWNLOAD**

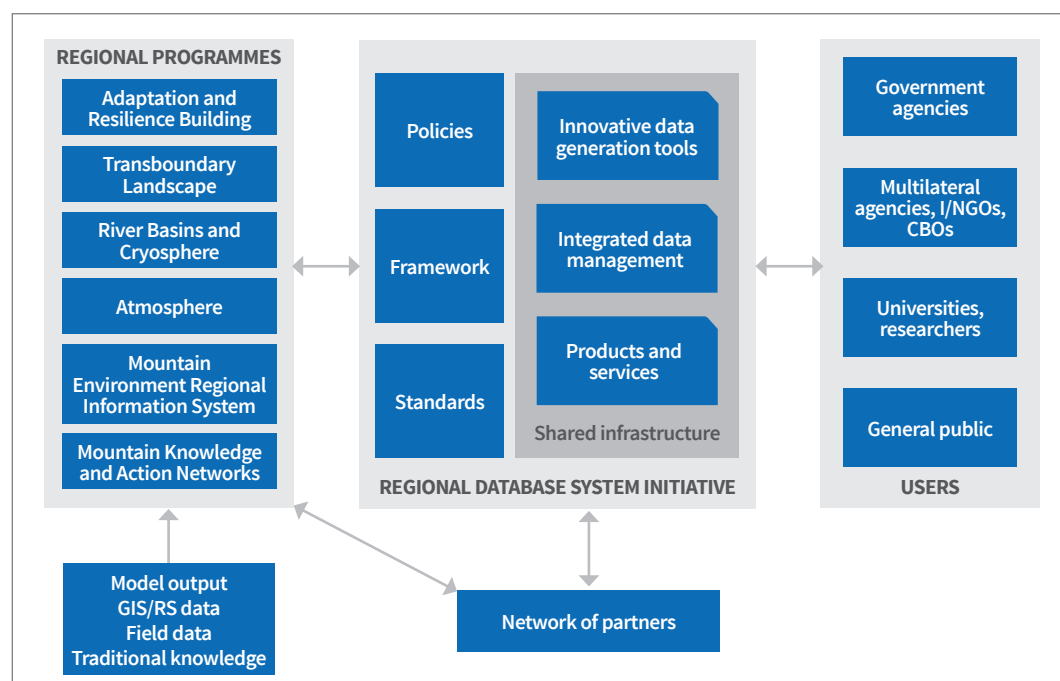
Forest cover of Pare, Bhutan for 2013

The past few decades have seen high levels of deforestation and forest degradation in the Hindu Kush Himalayan (HKH) region. In this context, under SERVIR Himalaya programme, ICIMOD has developed for...

Forest cover of Pare, Bhutan for 2013

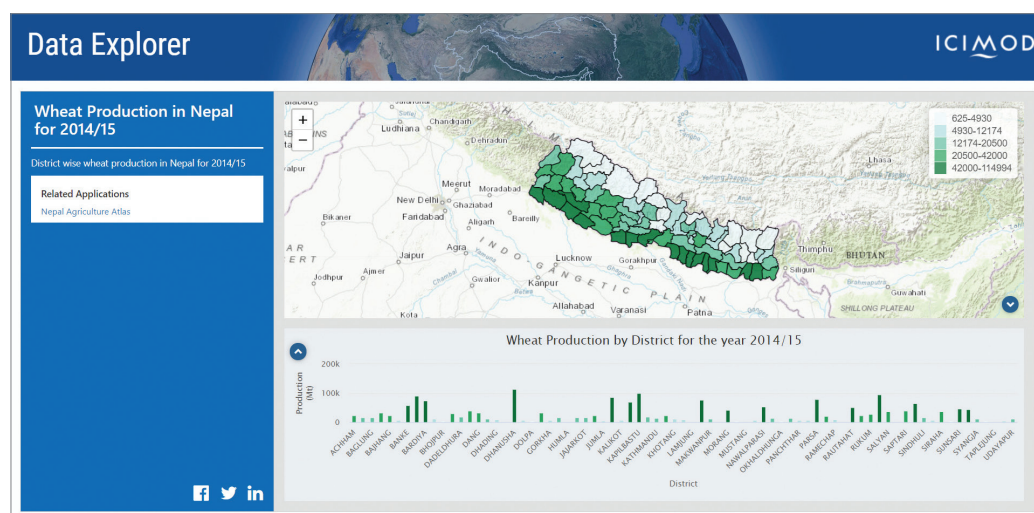
The RDS Initiative, under ICIMOD's regional programme on Mountain Environment Regional Information System (MENRIS), is responsible for developing and maintaining the RDS. The Initiative has put in place ICIMOD's Data Sharing Policy, data and metadata standards, and necessary hardware and software infrastructure. The policy facilitates data sharing in the

ICIMOD's initiatives housed under various regional programmes primarily contribute – independently or in collaboration with partners – to the system's data. The



The RDS Initiative also allows partner organizations to host and share their data through the RDS portal.

A Data Explorer application allows visualization of data as dynamic maps and charts. Users can also share the generated maps and charts on social media by using integrated buttons in the application.

rds.icimod.org/DataExplorer

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