

About



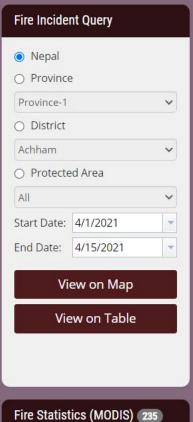
Floods are a major disaster in the Hindu Kush Himalaya (HKH) during monsoon season. Timely and accurate mapping of floods is important for efficient and effective management of relief activities.

View More...

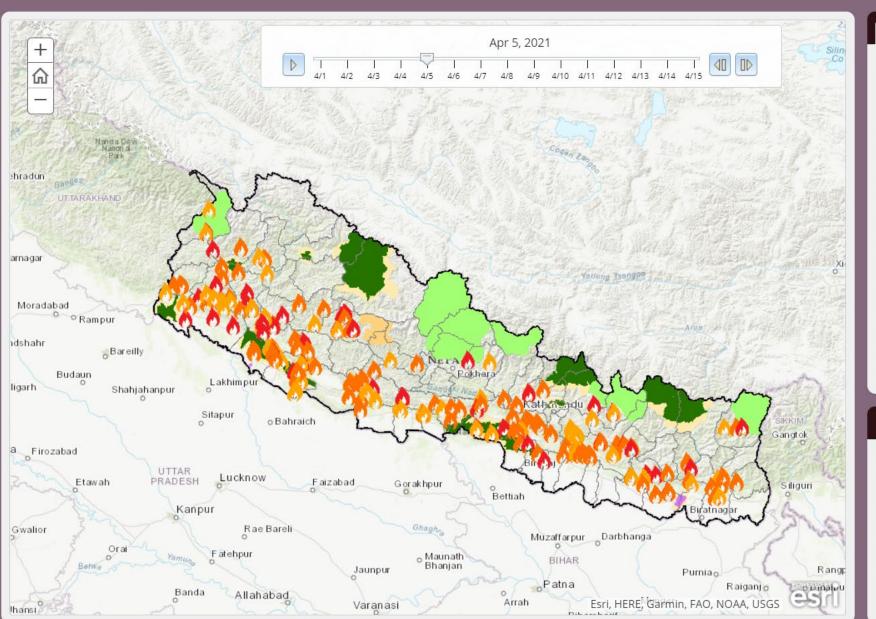
Forest Fire Detection and Monitoring System in Nepal

◆ Login

नेपार्ल









ICIMOD, in close collaboration with the Department of Forests & Soil Conservation (DoFSC) and Ministry Forest & Environment (MoFE), Government of Nepal has jointly developed this "Online Web Mapping Application".

About

The web tool provides historical forest fire information as well as real-

Nepal Earthquake 2015



- Integration of data and information at the national level
- Interactive Profile, story map journal and visualization
- A single Gateway for timely and credible information for decision support
- Transparency, Accountability and Social Audit
- Information and as "public good"





















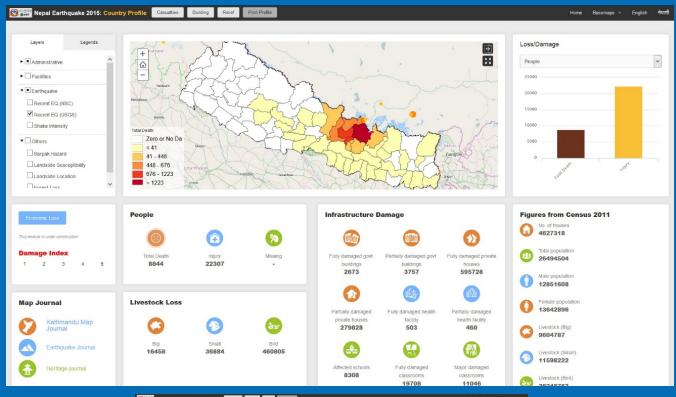


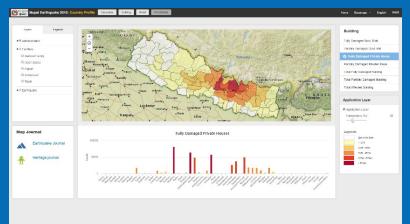


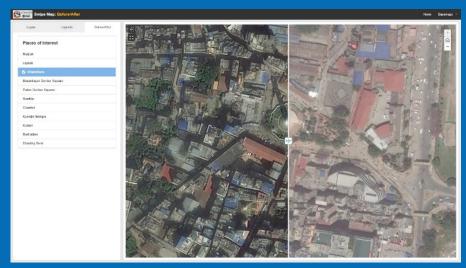




Nepal Earthquake 2015

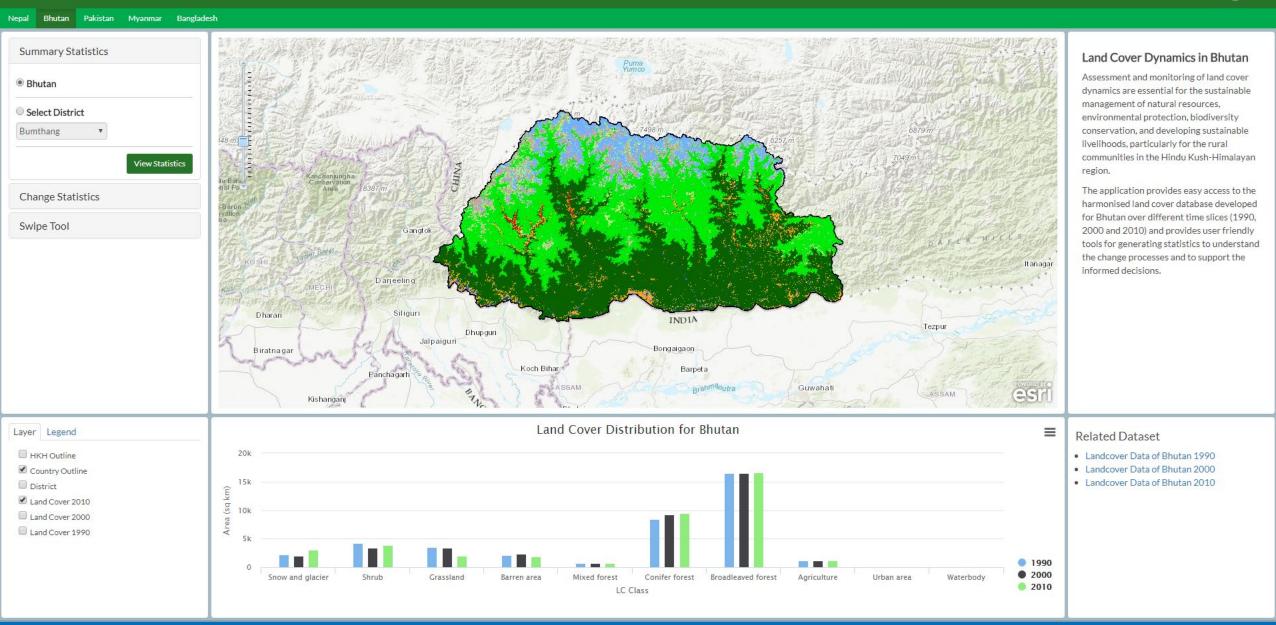














Above Ground Biomass in Nepal

District

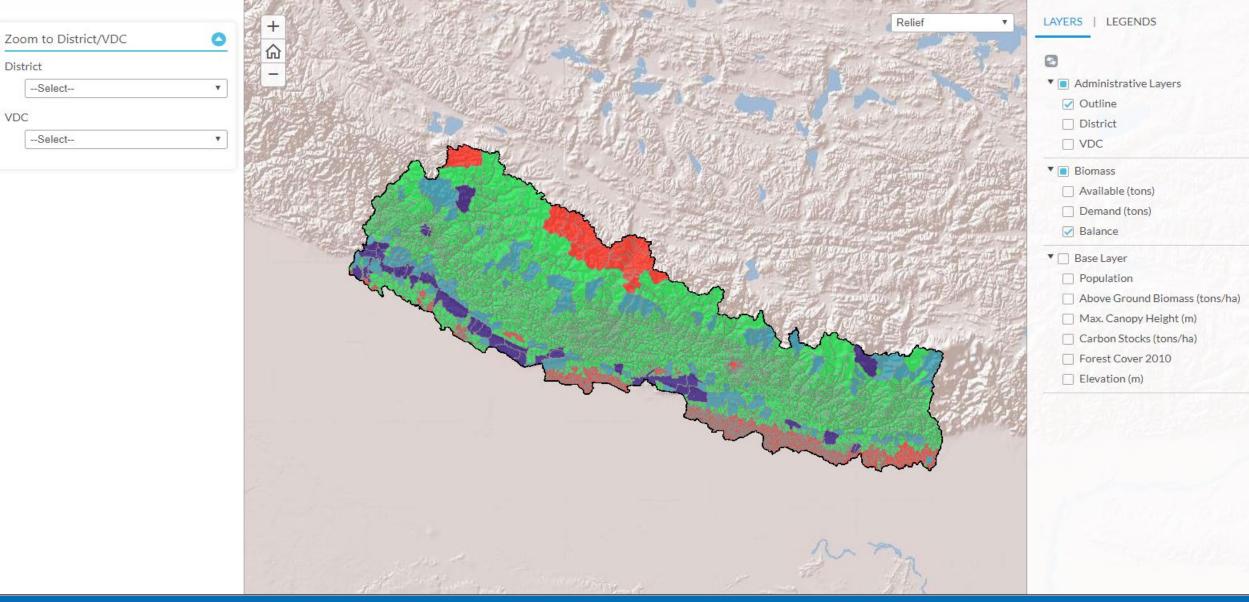
VDC

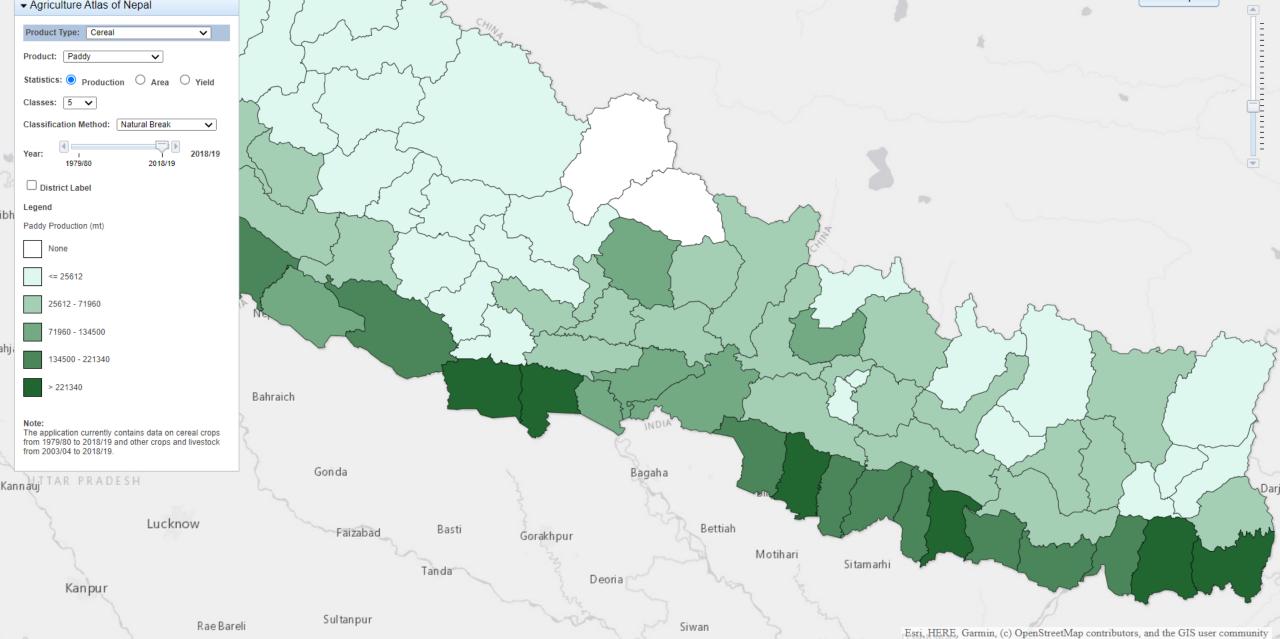
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ABCDEGHIJKLMNOPRSTUW

DISTRICTS

Kailali

Kalikot

Kanchanpur

Kapilbastu

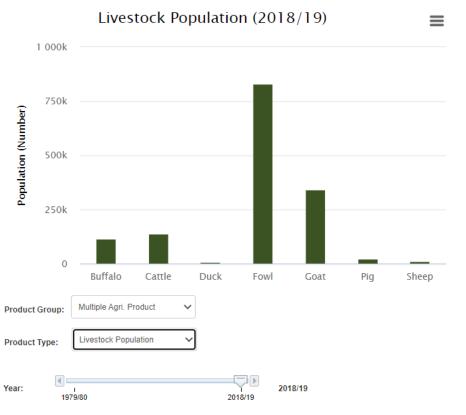
Kaski

Kathmandu

Kavre

Khotang

Kapilbastu



Key District Information

571936 Population: 285599 Male: Female: 286337 91321 Household No.: 1738 Area (sq km): Elev. Range (m): 79 - 1489



Status of Glaciers in the HKH Region



Glacier Statistics

Major Basin

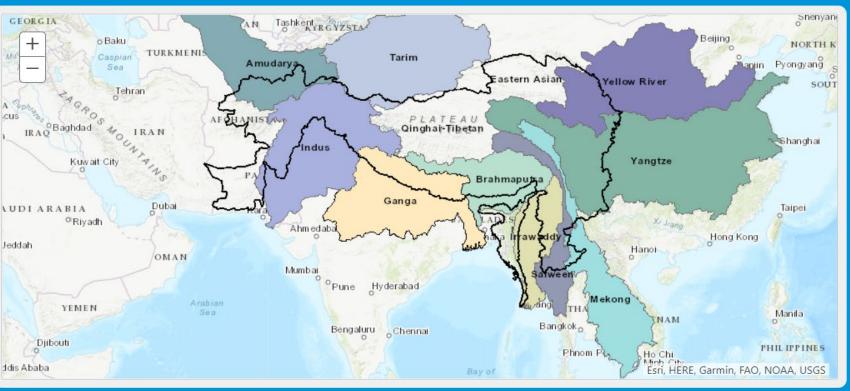
All Major Basin

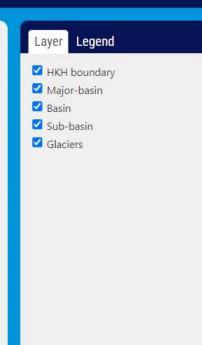
Select Basin

Cut Off
Elevation: 5000 m.

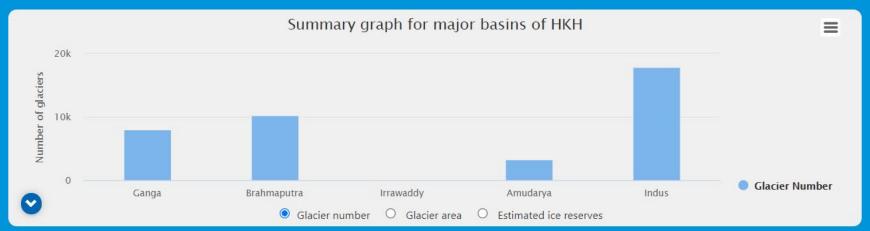
Slope: 40

Aspect: S





Related Dataset Glacier of Amudarya Glacier of Brahmaputra Glacier of Ganges Glacier of Indus Glacier of Irrawaddy



About

The comprehensive baseline information on the glaciers of the entire HKH region have been organised by major basins and sub-basins. The application showcases glacier data of HKH region as interative maps.

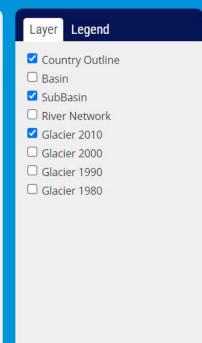
View More...

Glacier Dynamics in Bhutan Himalaya



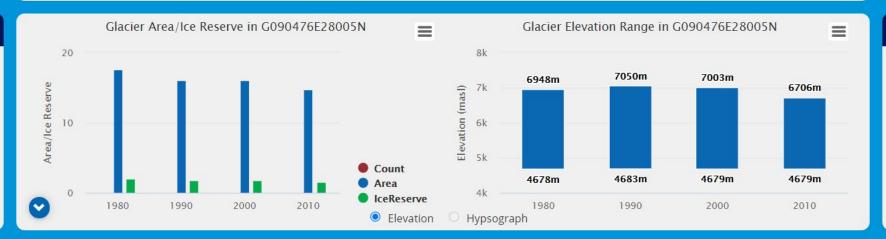






Related Dataset

Glaciers of Bhutan 1980 Glaciers of Bhutan 1990 Glaciers of Bhutan 2000 Glaciers of Bhutan 2010



About

A

The application showcases changes in the glaciers in Bhutan from 1980, 1990, 2000, and 2010. The interactive glacier maps were prepared for four decades using a uniform data set and methodology, which provide a scientific basis for understanding the changes taking place in the glacial environment in the Himalayas

Glacial Lakes in Afghanistan



Initiative.

of Water Resources of NWARA

and ICIMOD then prepared

Layer Legend

✓ Country outline

✓ Glacial lakes 2015

Glacial lakes 2010

☐ Glacial lakes 2000

Glacial lakes 1990

✓ Glaciers 2015

Glaciers 2010

Glaciers 2000 Glaciers 1990

☐ Basin

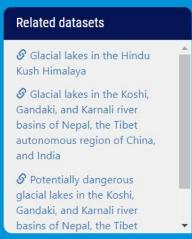
✓ Sub-basin

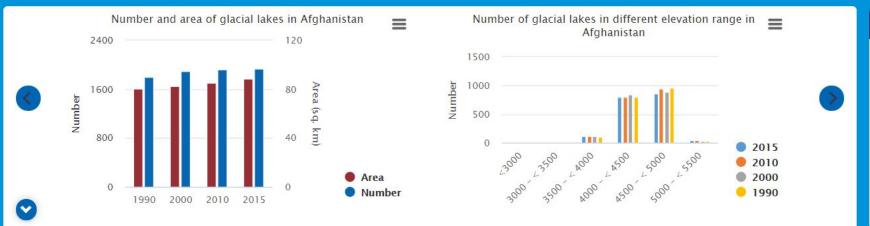








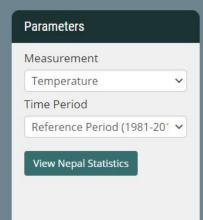


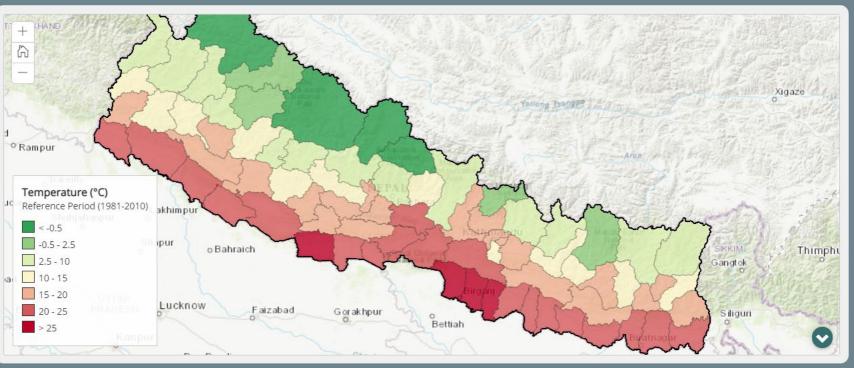


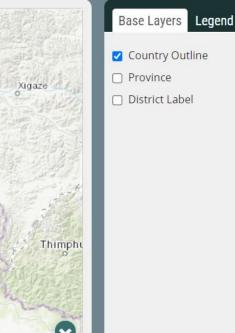
Climate Change Scenario for Nepal

National Adaptation Plan (NAP) - Nepal









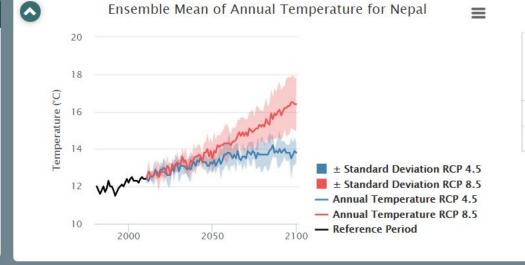
About

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♣ Precipitation data from Climate Scenarios for Nepal (NAP)

Data Report

★ Temperature data from Climate Scenarios for Nepal (NAP)



Scenario	Reference Period (1981-2010)	Medium Term (2016-2045)	Long Term (2036-2065)
	(°C)	Change (°C)	Change (°C)
RCP 4.5	12.1	0.92	1.3
RCP 8.5	12.1	1.07	1.82

Temperature Change for Nepal

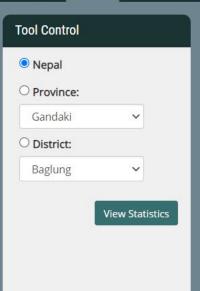
The data presented here are a part of Climate Change Scenarios for Nepal report which has been developed through the collaborative efforts of the MoFE, the Department of Hydrology and Meteorology (DHM), the International Centre for Integrated Mountain Development (ICIMOD), FutureWater, the NAP expert team, Action on Climate Today, and Practical

Integrated Data Platform for Climate Investement Opportunities

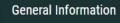


Data Layers

Potential Sectors









Total population 30,114,254



Area

14,751,600 ha



Elevation Range

57 - 8,848 m

Base Layers Legend			
✓ Outline			
✓ Province			
☑ District			
☐ Settlement			
☐ Airport			
☐ Road			
☐ Protected Area			



Ren. Energy & Low Carbon Tech.



Hydropower

1,120 MW



Ann. PV Potential

1,485.91 kWh/kWp



Brick Kilns

1,058



Koshi Basin Information System



Climate Change HydroMet Agriculture SocioEconomics Gender Drought Water Availability Land & Water Resources **Parameters** Base Layers Legend ✓ Koshi Basin Indicator-1 (X-Axis) ✓ Country Boundary Economically active popula > China NEPAL ☐ Sub-Basin 2011-2011 Pokhara Sandaki Na District Indicator-2 (Y-Axis) Kath ☐ Peaks Literacy rate (%) o Bahraich Thimphu Sangtok Road 2011-2011 ☐ Drainage Network BHUTAN Indicator-3 (Bubble Size) □ Development Pressure now Faizabad Gorakhpur Poverty incidence (%) Ecological Health atnagar ■ Management Capacity Economically active population (%) 2011-2011 Guwaha ☐ Resource Stress Index India View on Map math 49 - 50 njan □ Vulnarability Index Rangpur Indicator-1: Economically a 50 - 55 o Dinajpur MEGHALAYA OShillo 55 - 70 Malda Sasaram Mirzapur cum Jamalpur Sylhet **Useful Links** ≡ **About** Kewna Bhaktarour **♣** Bihar Economic Survey The application allows users to rate (%) ♣ Statistical Information on view statistics based on socio Tehrethun Pandither Nepalese Agriculture Udayapu economic data within the Sankhuwasabha Muzaffarpur Koshi basin. Users can change Studburgeldtok East Champaran the variables of their choice Purnia from the list to view on chart and map. View More... 50 55 70 75 Economically active population (%) India Nepal

Regional Database System

- A central data repository for different thematic areas in the HKH region
- Provides easy access to the data through the RDS portal.
- RDS Portal linked to regional and global data sharing platforms (e.g. Bhutan Geospatial Portal, GEOSS Geoportal).
- ICIMOD's data sharing policy aligned with the philosophy of open and free access to scientific information and knowledge.

