

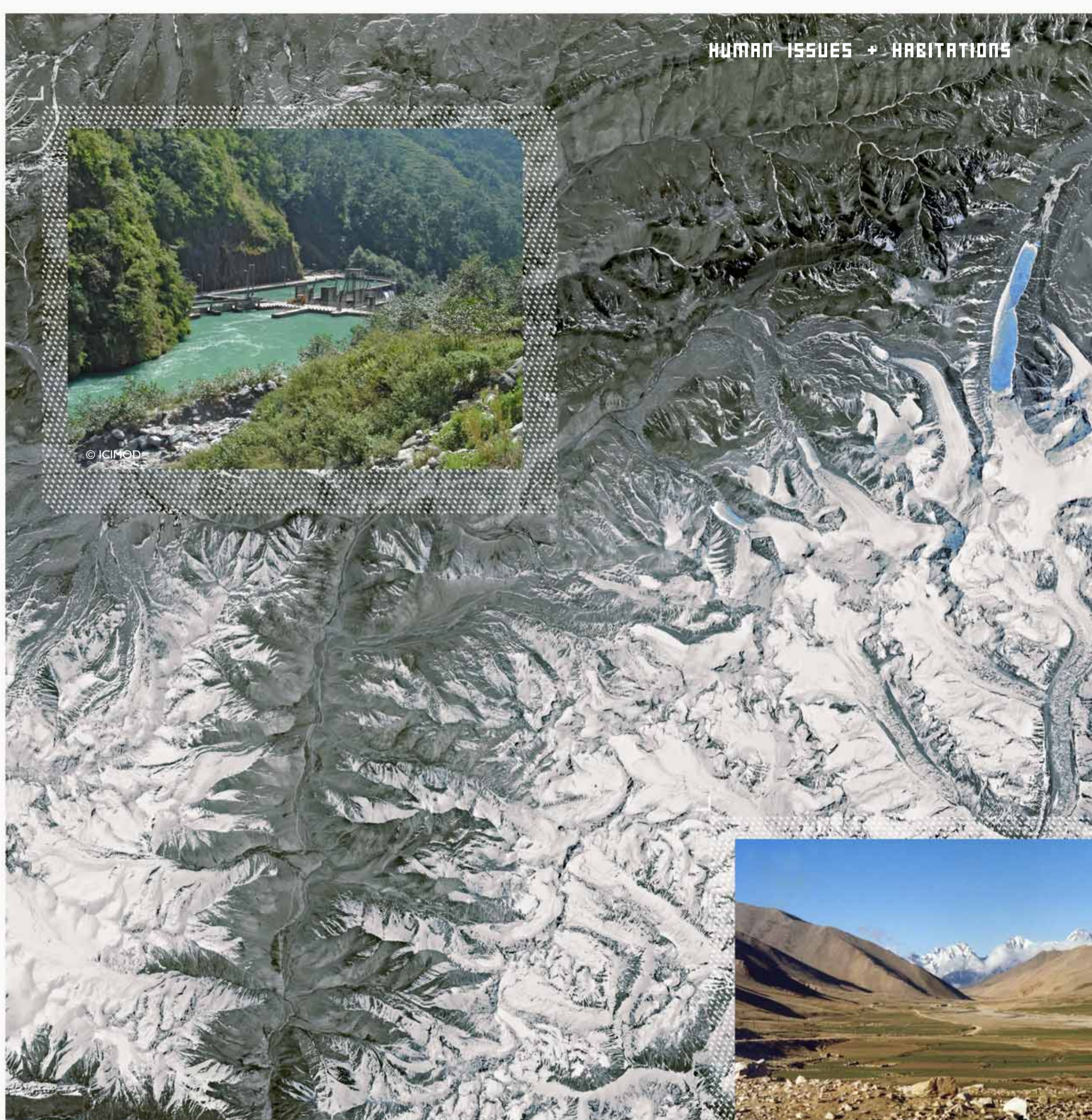


PLANET ACTION
Spot the impacts, engage in action

Glacial Lake Outburst Flood Risk Assessment

ICIMOD, NEPAL

Earth Observation and GIS communities fighting the climate crisis



SPOT5, Bhote Kosi River region - 2007



Why

Glaciers are retreating rapidly due to Climate Change and causing glacial lakes which can have serious impacts on mountain communities.

What for

- Monitor the development of glacial lakes.
- Assess the risk of potential glacial lake outburst flood in the river basin.

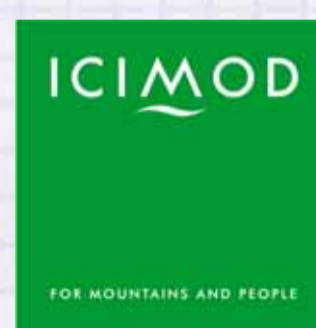
Results

- GLOF modelling and inundation mapping.
- GLOF impact assessment for risk management.
- Production of visibility materials and dissemination.

Where

Nepal: Himalayas, Poiqu/Bhote Kosi River region

Who



Team

- University of Kathmandu
- GIS & Integrated Development Centre
- Tibet Hydrology and Water Resources Bureau

Planet Action is a non-profit initiative launched by Spot Image and joined by participating partners.

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