

## Acronyms and Abbreviations

|         |  |         |  |
|---------|--|---------|--|
| APN     | Asia-Pacific Network for Global Change Research                        | JICA    | Japan International Cooperation Agency                       |
| ASAR    | Advanced Synthetic Aperture Radar                                      | LANDSAT | Land Observation Resources Satellite (Landsat)               |
| CAREERI | Cold and Arid Regions Environmental and Engineering Research Institute | MCC     | Meteor Communication Corporation                             |
| CAS     | Chinese Academy of Sciences  | NASA    | National Aeronautics and Space Administration                |
| DEM     | digital elevation model  | NRSC    | National Remote Sensing Centre, Hyderabad                    |
| DGM     | Department of Geology and Mines, Bhutan                                | SAR     | Synthetic Aperture Radar                                     |
| DHM     | Department of Hydrology and Meteorology, Government of Nepal           | Sida    | Swedish International Development Cooperation Agency         |
| ESA     | European Space Agency  | SRTM    | Shuttle Radar Transmission Mission                           |
| ETM+    | Enhanced Thematic Mapper plus of Landsat system                        | START   | global change SysTem for Analysis, Research and Training     |
| EWS     | early warning system   | TM      | Thematic Mapper (Landsat)                                    |
| GFDRR   | Global Facility for Disaster Reduction and Recovery                    | TU      | Tribhuvan University, Nepal                                  |
| GIS     | geographical information system  | UNDP    | United Nations Development Programme                         |
| GLIMS   | Global Land Ice Measurements from Space                                | UNEP/   | United Nations Environment Programme/                        |
| GLOF    | glacial lake outburst flood  | RRC-AP  | Regional Resources Centre for Asia and the Pacific           |
| HKH     | Hindu Kush-Himalayas/n   | UNISDR  | United Nations International Strategy for Disaster Reduction |
| ICIMOD  | International Centre for Integrated Mountain Development               | WECS    | Water and Energy Commission Secretariat                      |
|         |  | WWF     | World Wildlife Fund  |

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# About ICIMOD

The International Centre for Integrated Mountain Development, ICIMOD, is a regional knowledge development and learning centre serving the eight regional member countries of the Hindu Kush-Himalayas – Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Nepal, and Pakistan – and based in Kathmandu, Nepal. Globalisation and climate change have an increasing influence on the stability of fragile mountain ecosystems and the livelihoods of mountain people. ICIMOD aims to assist mountain people to understand these changes, adapt to them, and make the most of new opportunities, while addressing upstream-downstream issues. We support regional transboundary programmes through partnership with regional partner institutions, facilitate the exchange of experience, and serve as a regional knowledge hub. We strengthen networking among regional and global centres of excellence. Overall, we are working to develop an economically and environmentally sound mountain ecosystem to improve the living standards of mountain populations and to sustain vital ecosystem services for the billions of people living downstream – now, and for the future.



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