



Upper Indus Basin Network Technical Working Groups Meeting

Islamabad, Pakistan 26 July 2015

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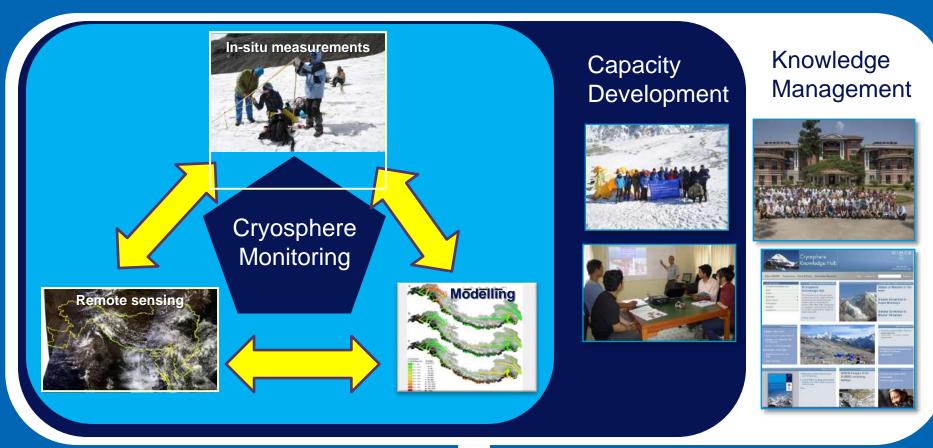
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Impact



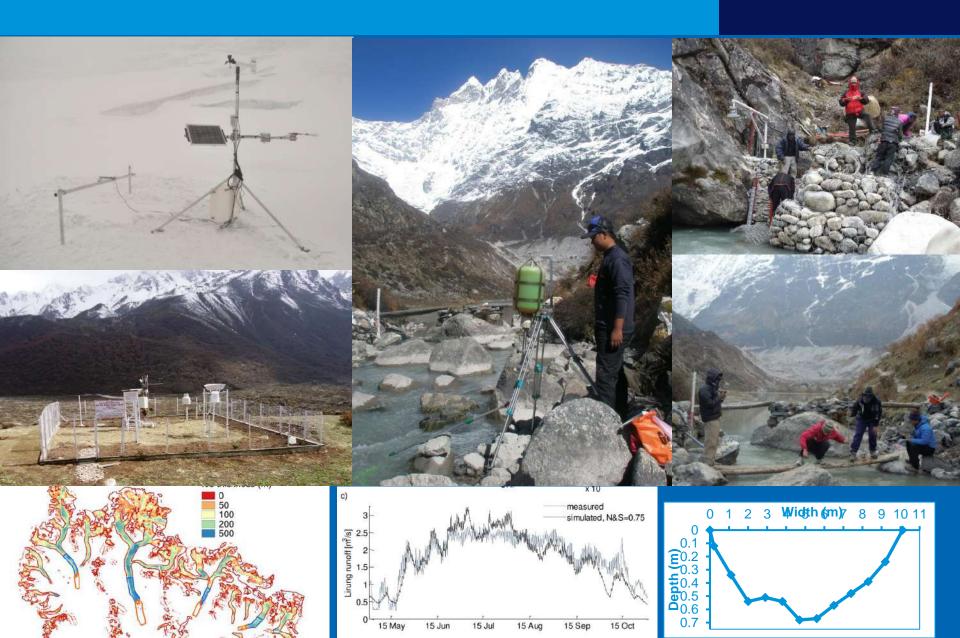
Field based glacier monitoring

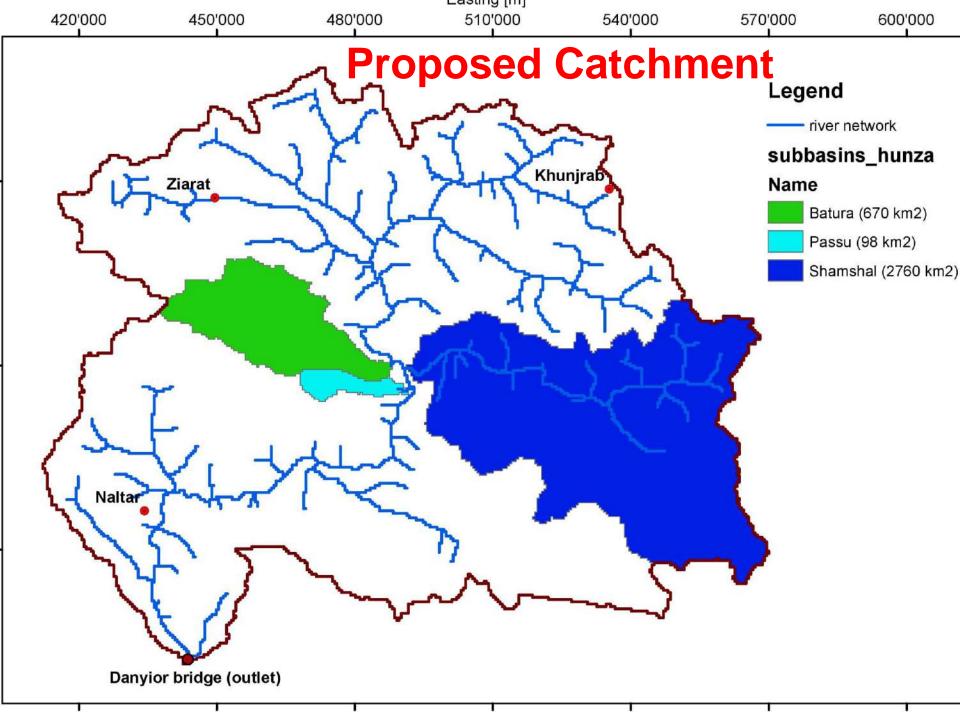
ICIMOD



Glacier Hydrological Monitoring and Modeling







CONCEPTUAL FRAMEWORK

Geodetic Mass Balance (for the Whole UIB)

Modeling Based on in-situ

Measurements

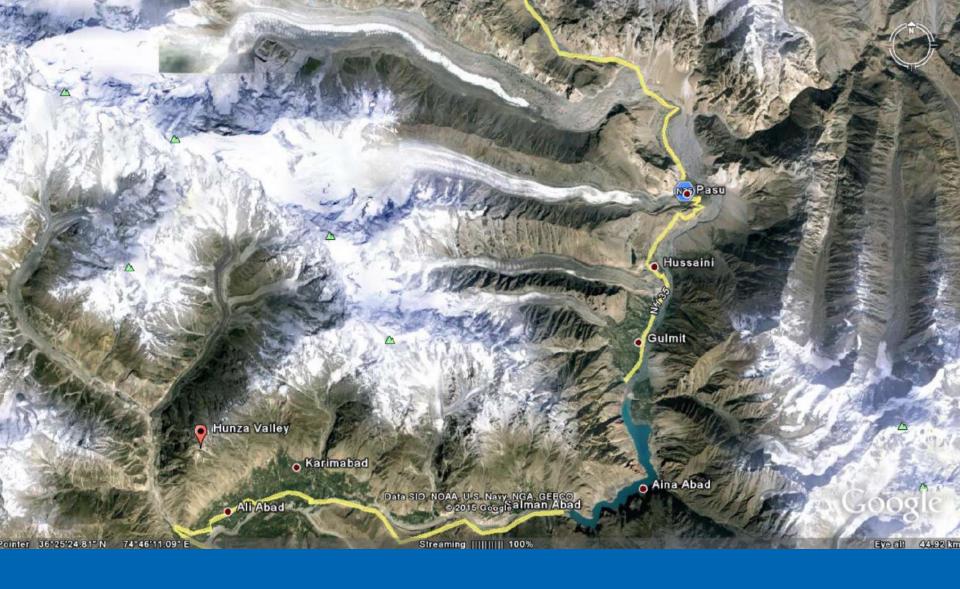
MASS BALANCE EXPERIMENTATION

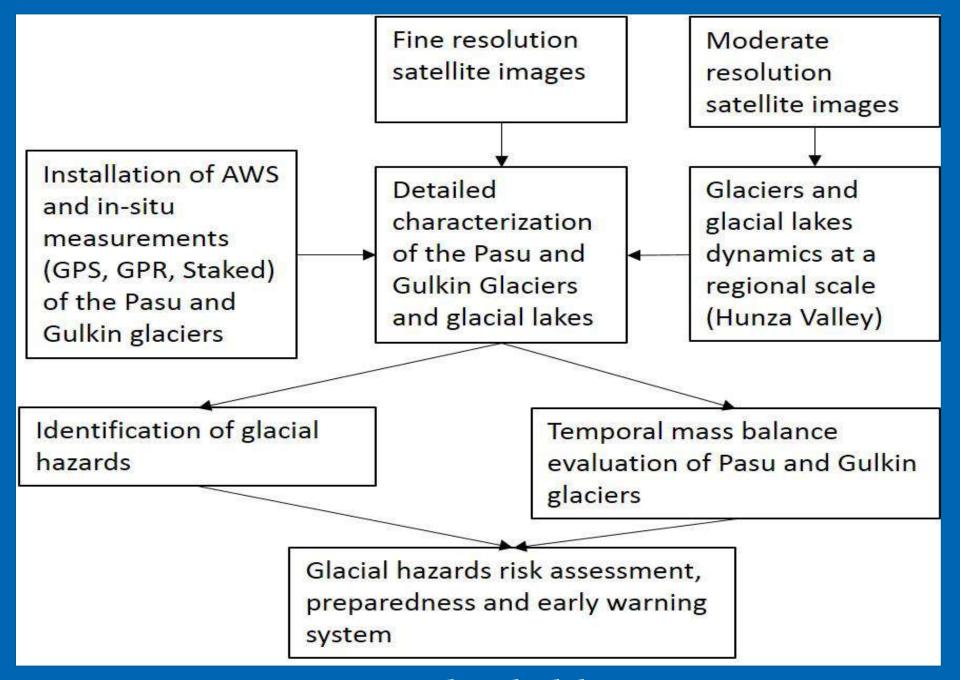
Data collection, quality and sharing (Group-1)

Modeling from climate records (Group-2)

Indirect Measurements

Remote Sensing and Field-Based Monitoring of Glaciers and Glacial Lakes and Risk Associated with Glacial Hazards in Hunza Valley, Karakoram Ranges, Pakistan





Proposed methodology

