

Multi-decadal mass loss of glaciers in the Everest area (Nepal Himalaya) derived from stereo imagery

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Supplementary Figures

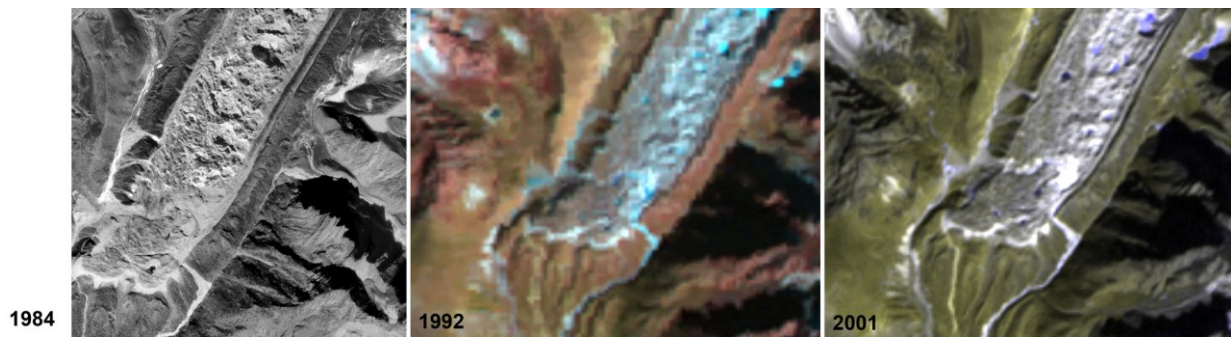


Figure 1: The terminus of Khumbu Glaciers based on the 1984 aerial image, 1992 Landsat TM, and 2001 ASTER Data.

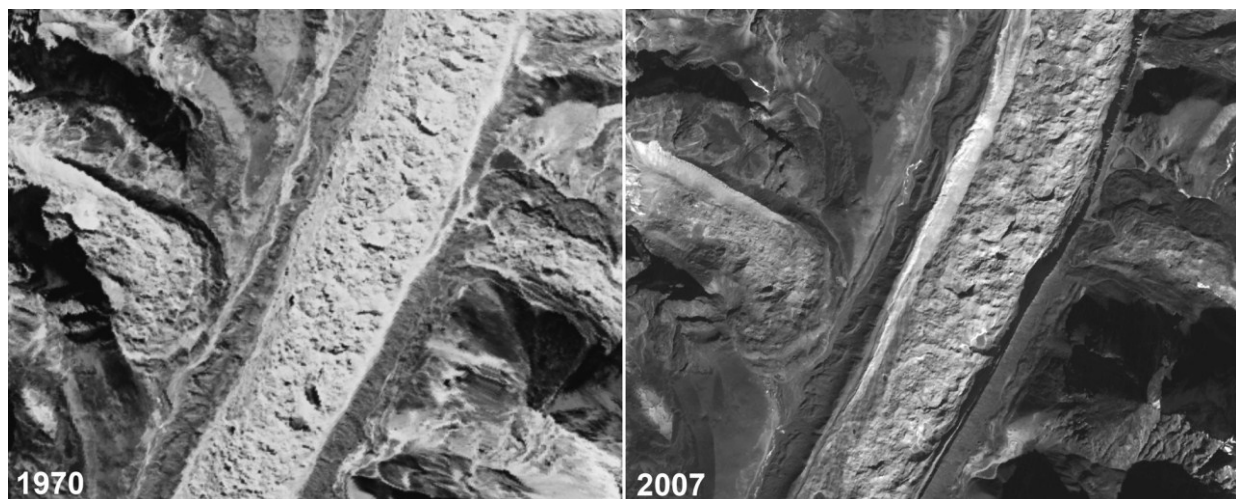


Figure 2: Central part of the tongue of Khumbu Glacier based on the 1970 Corona and 2007 Cartosat-1 image.



Figure 3: Termini of Imja and Amphu Laptse glaciers showing also the occurrence of the Imja Lake based on the 1970 Corona and 2007 Cartosat-1 image. Amphu Laptse Glacier did probably not anymore contribute to Imja Glacier in 2007.



Figure 4: Upper tongue of Khumbu Glacier below the Khumbu ice fall based on the 1970 Corona, 1984 Wild RC-10 and 2007 Cartosat-1 image. The red arrows indicate where a lake developed between 1970 and 1984 which drained afterwards.