

The Himalayan Mountain Building Processes and Tethyan Basins

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The collision during the last 100 Ma is the most significant tectonic events leading to the building and uplift of Himalayan mountain chain. This has also the direct cause of uplift of Tibetan plateau and rejuvenating tectonic architecture of Karakoram and Kunlun mountain chain. The prominent and terminal phase of suturing of the Indian and Asian plates was marked by the closing of Tethys during 50-60 Ma. The Tsunamis in Indian ocean and earth quakes in the Kashmir region are the results of movements along these tectonic plate boundaries.