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Abstract. Some of the most extreme thunderstorms on the planet routinely occur in the Hindu-Kush Himalaya (HKH) region—where many government organizations lack the resources needed to fully assess the risk associated with hazards that result from high impact convective weather. This project combines innovative numerical weather prediction, satellite-based precipitation and land imagery techniques into a high impact weather assessment toolkit (HIWAT) that is building the capabilities of national meteorological departments and other weather sensitive agencies in the HKH region to predict, observe and effectively respond to threats and impacts posed by thunderstorms that affect the region, thereby enhancing extreme weather resilience in the region.



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Monitoring Intense Thunderstorms in the Hindu-Kush Himalayan Region

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