

2010 Floods in Pakistan: Damage assessment along Kabul River

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Floods are amongst the most devastating natural hazards in the world, due to significant social and economic damages than any other natural phenomenon. In 2010, Pakistan faced devastating floods in its history. Assessment of severity shortly after the occurrence of the disaster is very important. This assessment can easily be done using remote sensing techniques that provide cheap and quick way to get the general idea of the scale of disaster. The study envisage the damage caused by these floods along River Kabul, at parts of Nowshera, Charsadda and Peshawar districts of Khyber Pakhtunkhwa using freely available remote sensing and GIS data. The study reveals that an area of more than 250km² came under flood damaging completely or partially settlements distributed over 26 km², crop lands at 162 km², 85 km roads and 9 bridges.