Flood Inundation map [SUPARCO GRID-3] for the KHYBER-PAKHTOONKHWA Province, Pakistan

Overview of Flood Inundation Map for the Khyber-Pakhtoonkhwa province. This map presents the flood inundated areas for the grid suggested by SUPARCO, Pakistan following recent heavy monsoon rains. This analysis is based on pre and post-disaster satellite imagery collected by AVINIR – JAXA ALOS and Landsat data.

Flood inundated areas were classified using supervised classification method. Please note that the exact limit of the flood waters is uncertain as it has not been validated in the field. Pre-disaster map was prepared using Landsat ETM+ to identify extend of damage. Please send ground feedback to MENRIS Division, ICIMOD.

Primary Source
Satellite Data used:
After Crisis
AVINIR- JAXA ALOS 05 August 2010
Before Crisis
Landsat ETM+ 2001 (River delineation)

Secondary Source
Infrastructure layer:
- Locality
- Administrative Regions
- Road Type
- Provinces

Satellite Data (background)
Landsat ETM+ N-42-30.sid

Map Prepared
ICIMOD

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