

Crop Damage Analysis of Dadu, Nawabshah and Nausharo Feroze Districts, Sindh Province, Pakistan

22 August 2010
FL-2010-000141-PAK
Version 1.0

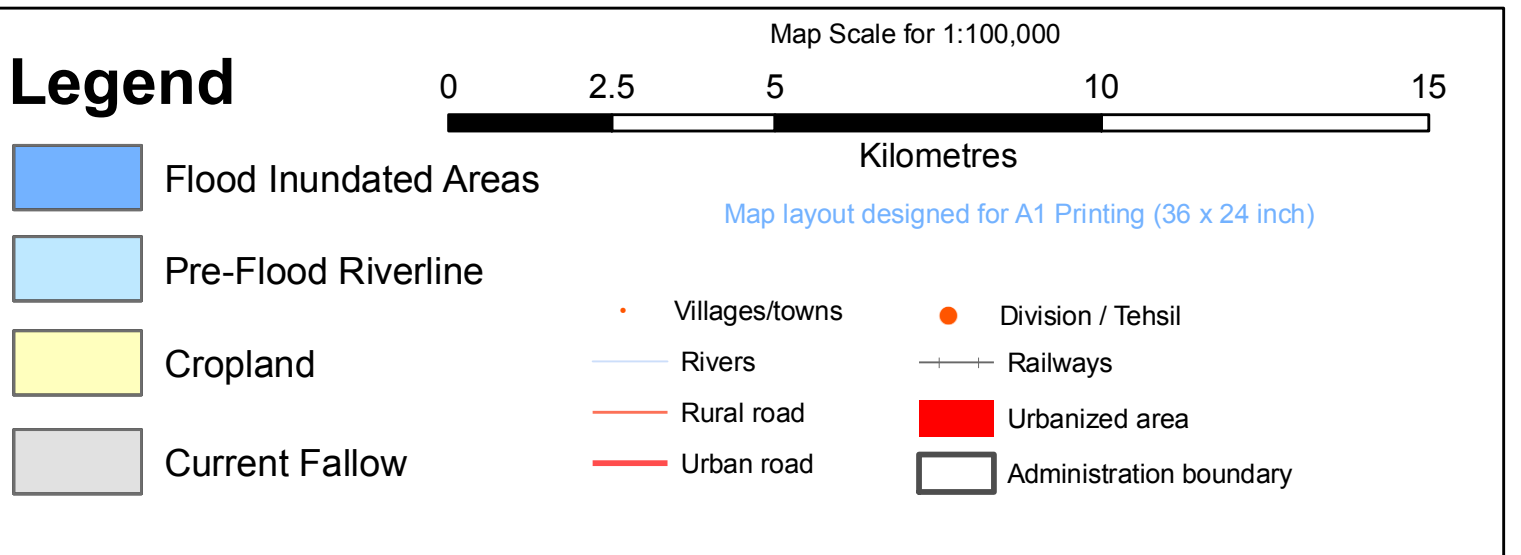


This map shows flood water extent and damage to crop areas along the Indus River in parts of Dadu, Nawabshah and Nausharo Feroze districts and surrounding areas based on ALOS-PALSAR dataset of August 20, 2010.

Analysis of pre and post flood images shows that the cropland had an area of 105,020 hectares of which 82,169 hectares are flood inundated now. Pre-flood riverlines and cropland was extracted from July 04, 2010 (ALOS Palsar) using supervised classification techniques and ERDAS Imagine tool.

This analysis has not yet been validated in the field. Please send ground feedback to ICIMOD / MENRIS.

Crisis Satellite data : PALSAR Fine Mode
Resolution : 12.5m
Image date : August 20, 2010
Source : JAXA
Pre-flood Image : PALSAR Fine Mode
Resolution : 12.5m
Image date : July 04, 2010
Source : JAXA
Baseline Imagery : ALOS PALSAR, 2010
Source : JAXA
GIS Data : University of Georgia, USA
Flood Analysis : ICIMOD
Projection : UTM, 42N, GRS1980



Map prepared by: **ICIMOD**

Supported by: **USAID**, **SERVIR Himalaya**, **NASA**

Satellite data by: **Sentinel Asia**, **JAXA**

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