

Analysis on Flood Affected Areas along the Indus River, Parts of Sindh Province, Pakistan

Index map

This map presents a preliminary analysis of flood affected areas covering part of Sindh province, Pakistan using pre (Landsat) for the year 2006 and post satellite data (ALOS-AVINIR) covering the period of August 23, 2010.

In the study area approx. 3433.44 sq.kms of area is flood inundated affected the cropland, city, town, villages. Over 1000 villages and several kilometers of cart road and main roads are partially submerged or severely inundated by flood waters. This analysis was performed using geospatial database received from University of Georgia, google earth for counting villages/towns.

This analysis also used Pre-flood river line data from NIMAUSGS to show the extent of flood water only. This analysis has not yet been validated in the field. Please send ground feedback to ICIMOD / MENRIS.

Crisis Satellite data : AVINIR - ALOS
Resolution : 10m
Image date : August 23, 2010
Source : JAXA
GIS Data : University of Georgia, USA
Flood Analysis : ICIMOD
Projection : UTM, 42N, GRS1980

Legend

- Flood Inundated
- Cropland
- Settlement
- Water bodies
- Fallow / Sand
- ✈ Airport
- Rivers
- Road
- Settlements
- Railways
- Administration boundary

Map Scale 1: 180,000
Map layout designed for A1 Printing 36 x 24 inch

Map prepared by:

Supported by:

