GLIDE number: TC-2016-000052-BGD Activation ID: EMSR164
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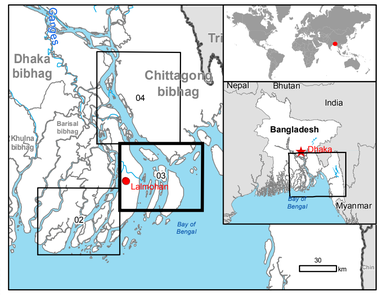
Lalmohan - BANGLADESH
Tropical Cyclone - Pre-event situation
Reference Map



Cartographic Information

1:100000 Full color ISO A1, medium resolution (200 dpi)

0 2 4 8 km

N

Grid: WGS 1984 UTM Zone 46N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

General Information
- Area of Interest
- Sensor Footprint

Hydrology
- Coastline
- River

Transportation
- Bridge
- Primary Road
- Secondary Road

Settlements
- Populated Place
- Built-Up Area

Land use - Land Cover
Features available in vector data

Exposure within the AOI			
	Unit of measurement		Total in AOI
Estimated population	No. of inhabitants		1854776
Settlements	Built Up Area	ha	295.4
Transportation	Bridge	No.	2
	Primary roads	km	60.7
	Secondary roads	km	33.6
Land use	Cropland	ha	116906.2
	Trees	ha	27749.0
	Scrub	ha	2517.5
	Wetland	ha	47379.8

Map Information

On 21 May 2016, Tropical Cyclone ROANU-16 hit Bangladesh, especially south and southeast regions Barisal and Chittagong. Torrential rains accompanied with strong winds have been lashing the coastal areas of S-SE Bangladesh causing heavy damages. As result, 21 people from six districts have been killed and almost half a million persons evacuated to shelters. Many areas remain flooded with houses heavily affected or destroyed. Due to torrential rains the regions have been affected by landslides.

The present map shows basic topographic features derived from public datasets, refined by means of visual interpretation of pre-event imagery.

Relevant date records			
Event	21/05/2016	Situation as of	N/A
Activation	22/05/2016	Map production	23/05/2016

Data Sources

Pre-event image: Landsat-8 © U.S. Geological Survey (acquired on 12/11/2015 till 23/12/2015 till 30/12/2015, GSD 15 m, approx. 0 % cloud coverage).

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2016, refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: Landscan 2010 © UT BATTELLE, LLC
Digital Elevation Model: SRTM 90m (NASA/USGS).

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