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Center for Satellite Based Crisis Information
 - Emergency Mapping & Disaster Monitoring -
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German Remote Sensing Data Center
 German Aerospace Center

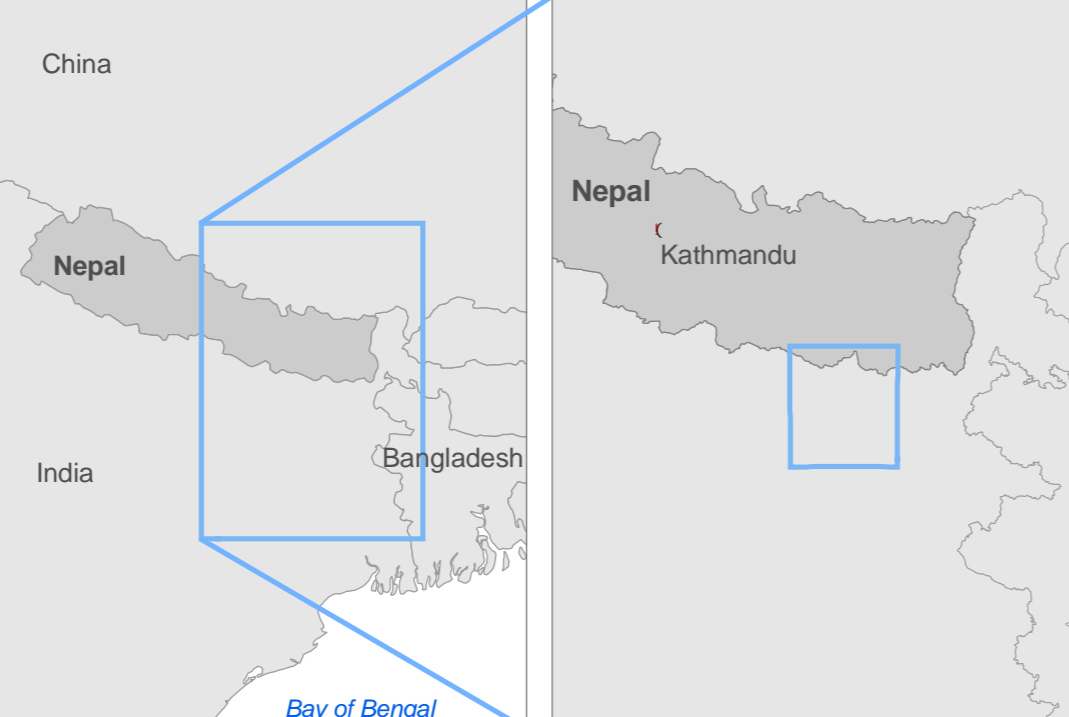
Map created September 2, 2008 by ZKI@DLR.DE

Processing/Analysis

Image processing and map creation by DLR:

- Vector data set is not complete

For more information visit: <http://www.zki.dlr.de>



Legend

	Koshi River		Village/Town		Agricultural area
Boundaries					
	Nepal	National Border			
	Saptari	Administrative Boundaries			
Infrastructure					
	Roads		Embankment breach		
	Town/Village				

Interpretation

On 18th August, 2008 the Koshi River breached an embankment causing flooding in the Sunsari district as well as further South in the Supaul district of Bihar in India. It also inundated the districts of Madhepura, Araria, Purnea and Saharsa. After the breach, the River Koshi, which separates India from Nepal, changed its course resulting in more than 250,000 destroyed homes in 1,600 villages and a total of 3 million affected people. Damaged roads and flooded railway tracks have hampered relief efforts. The map illustrates the flooded area south of the breached embankment with many flooded settlements, roads and agricultural land. The analysis is based on TerraSAR-X data acquired on September 1, 2008.

Data Sources

Vector data © DLR 2008, National Geospatial Intelligence Agency 2007, GADM 2008
 TerraSAR-X © German Aerospace Center (DLR) 2008
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Scale

0 1 2 3 4 5 km
 Scale: 1:200.000 for DIN A1 printing

Reference coord. system: [Geographic coord. info:](#)
 Projection: UTM Zone 45 N [Geographic \(DMS\)](#)
 Spheroid: WGS 84 [WGS 84](#)
 Datum: WGS 84 [WGS 84](#)

SAR-HQ **TERRASAR-X**