



EMMANUEL
HOSPITAL ASSOCIATION (USA)

Bihar Floods 2013

Concept for Emergency Relief in Begusarai District, Bihar

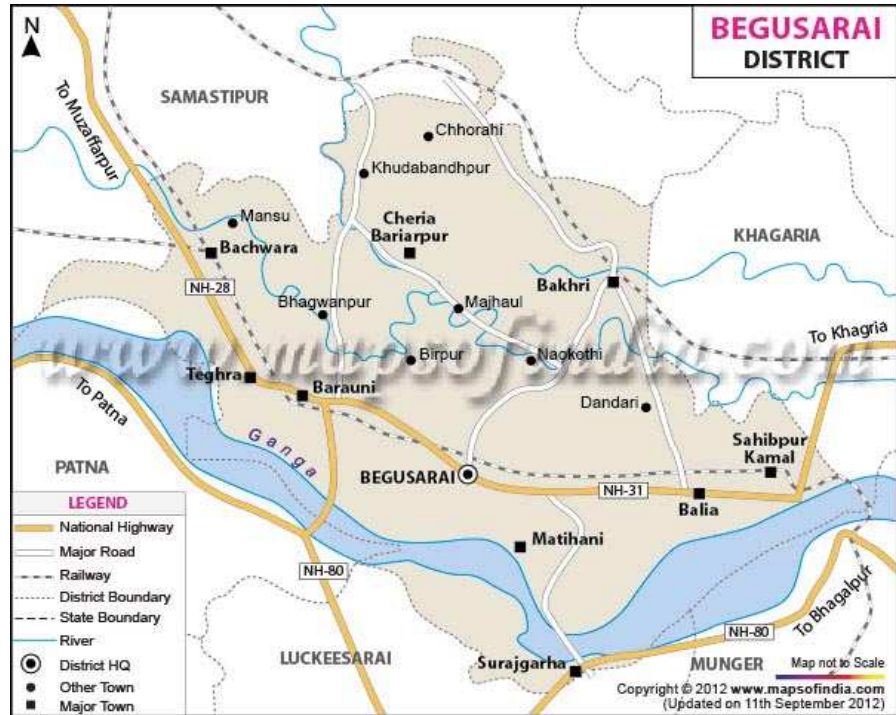
Your support to fund disaster relief is urgently needed!

CONCEPT:

Total Affected Districts: **20**
Total Affected Population: **6.9 million**
Target District: **Begusarai**
Affected Target Villages: **07**
Affected Population: **20,000**

Due to continuous heavy monsoon rainfall since August 26, 2013 in most parts of the country, the river Ganga and its tributaries in Bihar are overflowing, causing floods in the area. According to officials, 55 Lakh (lakh is equal to 100,000, so this is 5.5 million!) people in 20 districts of the state have been affected by floods. The government has opened 89 relief camps where 43,273 people have been given shelter. The flood death toll in the state reached 171, including ten in a boat tragedy at Madhepura, Sandip Kumar, said an officer on special duty with the Disaster Management Department (DMD) of the Bihar government. The Ganga floodwaters have continued to cause havoc on both sides all along its downstream course from Buxar to Bhagalpur.

Begusarai District is one of the thirty-eight districts of Bihar state, India, and Begusarai town is the administrative headquarters of this district. The district lies on the northern bank of the river Ganga. It is located between latitudes 25.15N and 25.45N and longitudes 85.45E and 86.36E. Per the 2011 census, Begusarai district has a total population of 2,954,367. It has a population density of 1,540 inhabitants per square kilometre (4,000 /sq mi). Its population growth rate over the



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decade 2001-2011 was 25.75%. Begusarai has 894 females for every 1000 males, and a literacy rate of 63.87% as of 2011.

Floods in North Bihar have been its biggest problem. The region has 8 active river systems. One or more of them bring floods every year. The region is counted among the poorest (economically) regions of India. Unemployment, illiteracy, migration, and related issues have been the grief of North Bihar.

The situation is worst in Bhagalpur area, with the Ganga flowing 21cm above its highest flood level (HFL) of 34.20 meters, reached in 2003. Floodwaters have covered national highway (NH) 80 along its 50-meter stretch near English Farka village. The road is impassable. In addition, floodwaters have inundated low-lying areas in the town, forcing the closure of schools and colleges. *(As reported by local newspaper.)*

INITIAL ASSESSMENT:

Begusarai District is 124 km away from Patna. Our local contact conducted the Initial Need Assessment in the highly affected villages in the district. Altogether, more than seven villages/towns have been affected severely in Begusarai district, displacing more than 20,000 people and damaging about 200 houses fully and partially. The flood damaged huge crops such as rice, maize and vegetables. The 20,000 displaced people are taking shelter on the roadside and in school buildings. They have no

food, safe shelter, or medical aid. There have been five reported deaths in the district, four drownings and one death due to snake bite. Many people are facing health problems and injuries. No arrangements have been made for sanitation or safe drinking water as all the regular water supply from wells and hand pumps has been submerged in flood water and is not fit for use.

The seven highly affected villages in the district are: Simaria Ghat (Hathida, Begusarai), Labki, Shiv Nagar, Bindtoli, Kazaha, Dumrah, and Malipur Bind Toli.



A source in Begusarai, Bihar reports from the field that several villages have been submerged in water and thousands of people are suffering due to flooding. They are in urgent need of food to eat and plastic

sheets to protect themselves from rain. The roads are totally damaged by the flood water, and electricity and telecommunication services are totally cut off from the affected villages.

Infrastructure Damaged:

200 private houses, along with hospitals and healthcare centers, schools, colleges, government offices, roads, railway tracks, bridges, boats, water supply, electricity, telecommunications, dams, cold storage, etc.

Immediate Needs:

1. Dry food packets	242,380 Rs.
2. Water & sanitation	31,200 Rs.
3. Supply kits (candles, matches, mosquito nets)	128,000 Rs.
4. Health camp	45,000 Rs.
5. Support costs	42,400 Rs.

Focus Area: Begusarai District, Bihar

Number of families: 400

Estimated budget: Rs. 500,000 (US \$7,600 – current exchange rate approximately 65 rupees to the US dollar)

With the team from EHA moving toward the affected areas, we would be sending a full-fledged proposal.

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