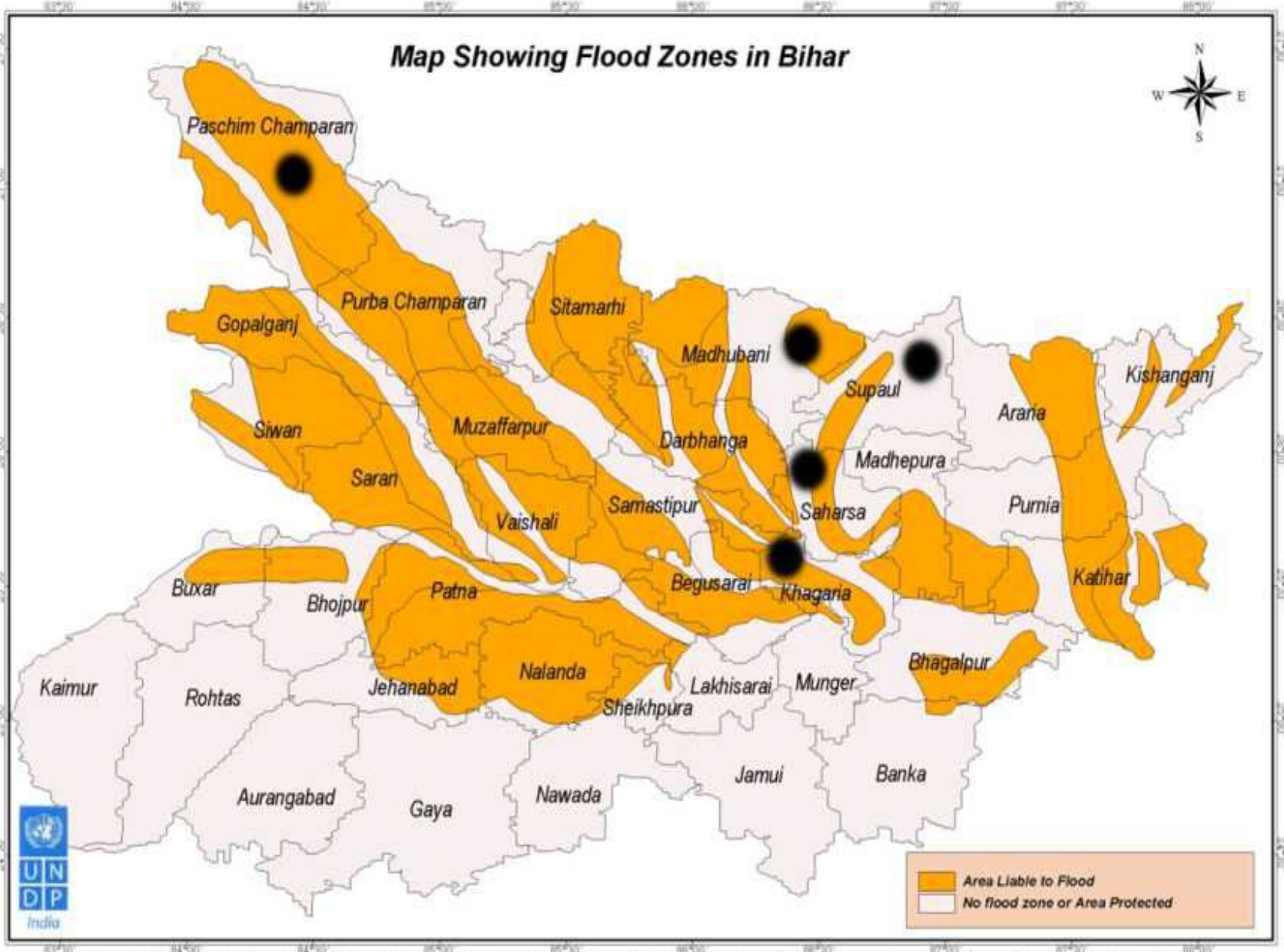


PEOPLE, TECHNOLOGY AND ALLUVIAL FLOOD PLAINS OF NORTH BIHAR



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Map Showing Flood Zones in Bihar



Disclaimer: This map was collated based on the data/information compiled by the Ministry of Urban Development and Poverty Alleviation; UNDP has not verified the accuracy of information of the Map. Source: BMTPC, India

**Gramyasheel,
Supaul**

**Kosi Seva Sadan,
Saharsa**

**Megh Pyne Abhiyan (Cloud
Water Campaign) and
Resource Groups**

**Water Action,
West Champaran**

**Samta,
Khagaria**

**Ghoghardiha
Prakhand
Swarjya Vikas
Sangh,
Madhubani**

A Functional Network cum Organization



স্বাস্থ্য পরিদপ্তর
কক্স সার্জিক্যাল হাসপাতাল
কক্সবাজার
ফোন: ০৩১৭-৩৫৬৭৮৯
ফ্যাক্স: ০৩১৭-৩৫৬৭৮৯























Floods of (North) Bihar

* 103 million people and a population density of 1,102 persons per square kilometer/ 53.3 thousand sq km

Floods affect about **73 per cent** of Bihar's total area. Almost **7 million** hectares (ha) are at risk of flooding each year

41 per cent of cropped area gets frequently affected by floods

806,000 hectares (ha) of land (roughly 15 per cent of the region) in north Bihar remains permanently waterlogged

2004 - **21 million**

2007 - **25 million people;**
1.6 million hectares of
standing crops
destroyed; .73 million
houses destroyed;
Approximately 1000
human deaths

2008 - **3.3 million people;**
5 districts; 3.3 million
population; Estimated
value of total damage 36.4
million INR



COMPLEX MAZE

Absolute water illiteracy amongst **‘proponents’** regarding the different characters of water during floods

Concept of safe access to drinking water overpowered by the **‘abundance’** factor

Unquestionable belief with regard to the present drinking water practice, which is being strategically promoted as the single **‘all solution technology’**

Claims and perceived **‘ancillary benefits’** of the ‘technology’ gaining control over the minds, thereby **eliminating alternatives** (discourses and technologies)

Institutionalization of **elite ‘water’ group** on the basis of individual accessibility and related social status

*Issue concerning water and sanitation in north
Bihar have **wide-ranging and multiple
consequences** which destabilizes **the local
economy***

As per the National Rural Drinking Water Program's (NRDWP) information pertaining to rural drinking water supply in Bihar, **80 per cent** of the sources developed under the scheme are based on groundwater tapped by handpumps or bore wells

Bihar has reported a total of **107,642 rural habitations** out of which **28,712** are under not covered category **45,242** under partially covered and **33,688** under fully covered

Out of a total of 107,642 habitations **34,909** habitations (32.4 per cent) has access to contaminated water











The percentage coverage of Individual Household Latrines (IHHL) for Below Poverty Line (BPL) families is **52.50 per cent**

The coverage of IHHL for Above Poverty Line (APL) families is **20.57 per cent**

The total IHHL coverage is estimated at **38.30 per cent**

As per latest figures, **77.31 per cent** of government schools and **22.28 per cent** of anganwadi have sanitation facilities in Bihar

68.93 lakh households are yet to be covered under the ongoing government schemes





Learnings

Enhance knowledge base in context of local
FLOOD ADAPTABILITY AND COMPROMISES

To understand alternative , innovative development model of self sustainability for areas where the development processes are largely manipulated and controlled by short term relief and rehabilitation measures, etc , etc...