

# **W**ELCOME

## **2<sup>nd</sup> Consultative Meet on District Disaster Management Plan**



**GPSCDMRD**

*Presented by*

**Prof. G. P. Sinha Center for Disaster Management & Rural Development, Patna**

## **PRESENTATION COVERS :**

- **Status of progress in the process of making DDMPs in the respective districts.**
- **Highlights of the respective DDMPs – Process and contents.**
- **Stakeholders Consultations held in districts.**
- **Reach to PRIs and ULBs and issues covered.**
- **HVCRA – process and outcomes.**
- **Inclusion of Environment & Climate Change related issues in DDMP.**
- **Focus on Historical Monuments & Industrial Establishments.**
- **Critical Cross-cutting issues.**

**1. Status of progress in the process of making DDMPs allotted to us in following districts :**

**i. PATNA**

**ii. KAIMUR**

**iii. ROHTAS**

**iv. VAISHALI**

**v. NALANDA**

## **2. Highlights of the Respective DDMPs – Process & Contents**

- **Adopted Process :**
  - Methodology discussed at workshop organised by BSDMA -**
    - ◆ **on the structure and functioning of DDMA.**
    - ◆ **on the specific hazards that the district is heir to.**
    - ◆ **about the most affected Block & Gram/Nagar Panchayats.**
    - ◆ **about the institutional framework working.**
    - ◆ **about the crisis management team so far prepared.**
    - ◆ **about the self-help groups so far groomed.**
    - ◆ **about the early warning system in place.**
    - ◆ **about the NGOs & CBOs working at the grass roots level.**

**Note : This adopted to derive – (i) Risk Assessment & (ii) Risk Reduction to correct present risk & restrict perspective risks**

## **2.1 Highlights of the DDMPs – Process & Contents**

*The methodology for collecting contents for the District Disaster Management Plan shall consist the following :*

- ❑ Consultation with District Magistrate and Head of other line departments.**
- ❑ Interaction with Block and Gram Panchayat level officers and elected representatives about the ground level realities and actual implementation of the hazard impact mitigation measures, training and orientation of people in self-help and natural help, about the resources relief and medical support measures etc.**

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- ❑ **Small group discussion at the community level about**
  - ◆ **the hazards.**
  - ◆ **their impact.**
  - ◆ **the response, rescue, relief and rehabilitation measures.**
  - ◆ **the prevention & mitigation measures they think as appropriate to be taken.**
  - ◆ **the warning system.**
  - ◆ **the security of their assets.**

## **2.2 Highlights of the Respective DDMPs – Process & Contents**

- ❑ **Interaction Meet**
- ❑ **Visioning Exercise conducted in all five districts under chairmanship of District Magistrate**
  - **Participants included DDC, Sr. ADM, Civil Surgeon, Fire Officers, Police Officers, Officers of line department, BDOs, COs, & NGOs**
  - **Focused discussion on Hazard identification, Vulnerability assessment, previous experiences of disaster handling & available SOP**
  - **Thorough discussion on three schedules for**
    - A. District Level**
    - B. Block Level**
    - C. Panchayat Level**

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### **3. Highlights of Patna Discussion :**

- **Discussion included mishap of Chhath Festival, Ravan Badh incident at Gandhi Maidan, Flood of Patna Town.**
- **Threat to Patna from three rivers i.e. GANGA, SONE & PUNPUN and erosion being done by river Ganga.**
- **Fire in agriculture field, slums (during summer), shops & industrial accidents due to short circuit.**
- **Air accident ,Boat accident & Road accidents.**
- **Recent Earthquake experiences (Law & order problem faced when the family spent their evening in fields with their valuables).**
- **Officers had tough time travelling in official cars during the Gandhi Maidan stampede due to people's outrage.**

**Note : Status of schedules & other reports explained in coming slides**

### 3.1 Status of Information Received - PATNA

<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Schedule/ Questionnaire -A</b>	<b>Line Department</b>	<b>Irrigation , PHED, AHD, BSFCSC</b>	<b>A review was done by DM &amp; a reminder was sent to all BDOs &amp; COs vide letter no 01 dt. 01.01.2016</b>
<b>Schedule/ Questionnaire -B</b>	<b>BDOs &amp; COs</b>	<b>10</b>	<b>Again a review meeting was done by Sr. ADM (Disaster Management) on dt. 04.01.2016</b>
<b>Schedule/ Questionnaire -C</b>	<b>Panchayat</b>	<b>Nil</b>	
<b>Crowd/Mela / Religious Functions</b>	<b>Durga Puja, Chhath, Melas</b>	<b>SOP of Durga Puja &amp; Chhath obtained</b>	<b>SOP is being studied by our experts</b>
<b>Status of Preparedness of Industries/ establishments /historical monuments</b>	<b>Chief Inspector of Factories, GM ECR, Hajipur , IOC, Airport, Power board, IMD, Pollution Control Board, PMC etc.</b>	<b>Reply awaited</b>	<b>Museum, Golghar, Gurudwara, Maner sharif Dargah, Baikethpur, Ular sun temple (Dulhin Bazar) &amp; Chaouharmal mela (Mokama) etc require special attention</b>

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<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Civil Surgeon, IMA, Red Cross</b>	<b>Information on available Health Emergency facilities</b>	<b>Part information obtained</b>	
<b>Civil Defence, NCC, Scouts &amp; Guides, Fire &amp; Home Guards</b>	<b>Preparedness of these organisations</b>	<b>Nil</b>	<b>Discussions held on civil defence &amp; fire issues</b>
<b>Telephone Directory</b>	<b>All Stakeholders</b>	<b>Sr. Officers, BDOs &amp; COs</b>	<b>More information awaited</b>
<b>Report</b>	<b>On Disaster</b>	<b>An old report on disaster &amp; few SOPs</b>	
<b>Training &amp; Capacity Building</b>	<b>On Disaster</b>	<b>Nil</b>	<b>BSDMA &amp; BIPARD</b>
<b>Livestock</b>	<b>Animals &amp; Fodder</b>	<b>Census Report</b>	
<b>District Profile (23 blocks)</b>	<b>Patna District</b>	<b>Obtained</b>	<b>It includes breakup of population- SC, ST, Women, Handicapped etc.</b>
<b>Secondary Data</b>	<b>Climate Change</b>	<b>Nil</b>	<b>To obtain data from field &amp; dept. of Agri.</b>

# Highlights of Visioning Exercise of Patna District



## **4. HIGHLIGHTS OF KAIMUR DISCUSSION :**

- Experience of Flash Flood in 4 circles of district discussed.
- 10 shelter camps identified.
- The District is accident prone due to crossing of two NH (2 & 30) roads.
- Requirement of more hydrant places identified.
- Lack of information sharing by line departments stressed.
- Difficulties of hilly terrain & plain area explained.
- The District sharing borders with two states, UP & Jharkhand explained.
- The nature of Hilly rivers & fall studied.
- Historical & religious place Mundeshwari Temple is visited by large number of people during various festivals.
- Some blocks prone to drought & high speed wind highlighted.
- Watershed development project discussed.

**Note : Status of schedules & other reports explained in coming slides**

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## **4.1 Status of Information Received - KAIMUR**

<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Schedule/ Questionnaire - A</b>	<b>Line Department</b>	<b>Agriculture, Health, Education, Social Security, Local Engg. Org., Coop., Fire</b>	<ul style="list-style-type: none"> <li>▪ Fresh meeting requested</li> <li>▪ Film on earthquake in cinema hall &amp; Cable TV,</li> <li>▪ Mock drills in schools</li> </ul>
<b>Schedule/ Questionnaire - B</b>	<b>BDOs &amp; COs</b>	<b>03</b>	<ul style="list-style-type: none"> <li>▪ Hilly rivers identified</li> <li>▪ Shelter camps identified</li> <li>▪ 9 godowns identified</li> <li>▪ 10 animal hospitals mapped</li> </ul>
<b>Schedule/ Questionnaire - C</b>	<b>Panchayat</b>	<b>Nil</b>	
<b>Crowd/Mela/ Religious Functions</b>	<b>Mundeshwari Temple on hills</b>	<b>Nil</b>	<b>SOP is being prepared by our experts</b>
<b>Status of Preparedness of Industries/ establishments / historical monuments</b>	<b>Rice Mills &amp; Temples</b>	<b>Information on rice mills awaited</b>	

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<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Civil Surgeon, IMA, Red Cross</b>	<b>Information available on Health</b>	<b>Hospital &amp; 3 mobile medical team</b>	
<b>Civil Defence, NCC, Scouts &amp; Guides, Fire &amp; Home Guards</b>	<b>Preparedness of these organisations</b>	<b>Fire prone villages identified, Lightening cases recorded</b>	<b>Cold wave, Boat accident, high speed wind information received</b>
<b>Telephone Directory</b>	<b>All Stakeholders</b>	<b>Sr. Officers, BDOs, COs, Fire service, Panchayat &amp; Rojgar sewaks</b>	
<b>Report</b>	<b>On Disaster</b>	<b>Nil</b>	
<b>Training &amp; Capacity Building</b>	<b>On Disaster</b>	<b>School safety, divers</b>	<b>BSDMA, BIPARD</b>
<b>Livestock</b>	<b>Animals &amp; Fodder</b>	<b>Animal census Report</b>	<b>Places identified</b>
<b>District Profile (11Blocks)</b>	<b>Kaimur District</b>	<b>Obtained</b>	<b>It includes breakup of population- SC, ST, Women etc.</b>
<b>Secondary Data</b>	<b>Climate Change</b>	<b>Nil</b>	<b>More information sought on agriculture</b>

**Note : Water receding a major concern.**

# Highlights of Visioning Exercise of Kaimur District



## **5. HIGHLIGHTS OF ROHTAS DISCUSSION :**

- Difficulties of hills & plains discussed.
- It suffers occasional flood & drought.
- Lightening cases also reported.
- Shortage of Fire tender & need of more hydrants discussed.
- Crowd management at Guptadham cave in Chenari Block & Shershah tomb at Sasaram need special attention.
- Requires coordination with forest division.
- Planning for canals at Rohtas, Nohatta, Chenari identified.
- Drowning of people at Madherkund (Near Tara Chandi) reported.
- Campaigning to prevent farmers from residue burning in field required.
- Disaster issues at Sasaram Sadar, Bikramganj, Dehri, Chenari etc.
- Malaria prone district.

**Note : Status of schedules & other reports explained in coming slides**

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## **5.1 Status of Information Received - ROHTAS**

<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Schedule/ Questionnaire -A</b>	<b>Line Department</b>	<b>Nil</b>	<b>Fresh meeting requested</b>
<b>Schedule/ Questionnaire -B</b>	<b>BDOs &amp; COs</b>	<b>01</b>	<b>Basic Information on 16 Panchayats of Kochas block obtained</b>
<b>Schedule/ Questionnaire -C</b>	<b>Panchayat</b>	<b>Nil</b>	
<b>Crowd/Mela/ Religious Functions</b>	<b>Guptadham cave &amp; Shershah tomb</b>	<b>Nil</b>	<b>SOP is being prepared by our experts</b>
<b>Status of Preparedness of Industries/ establishments / historical monuments</b>	<b>Rice Mills &amp; Temples</b>	<b>Information on rice mills awaited</b>	

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<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Civil Surgeon, IMA, Red Cross</b>	<b>Information available on Health</b>	<b>Nil</b>	<b>Civil Surgeon requested</b>
<b>Civil Defence, NCC, Scouts &amp; Guides, Fire &amp; Home Guards</b>	<b>Preparedness of these organizations</b>	<b>Nil</b>	<ul style="list-style-type: none"> <li>▪ <b>Fire need identified</b></li> <li>▪ <b>Scarcity of fire personnel</b></li> </ul>
<b>Telephone Directory</b>	<b>All Stakeholders</b>	<b>Sr. Officers, BDOs &amp; COs</b>	<b>Other information sought</b>
<b>Report</b>	<b>On Disaster</b>	<b>Nil</b>	
<b>Training &amp; Capacity Building</b>	<b>On Disaster</b>	<b>Nil</b>	<b>BSDMA, BIPARD</b>
<b>Livestock</b>	<b>Animals &amp; Fodder</b>	<b>Animal census Report</b>	<b>All details obtained</b>
<b>District Profile (19 blocks)</b>	<b>Rohtas District</b>	<b>Obtained</b>	<b>It includes breakup of population- SC, ST, Habitation, Women etc.</b>
<b>Secondary Data</b>	<b>Climate Change</b>	<b>Nil</b>	<b>Information sought on agriculture (Zone-IIIA)</b>

**Note : Accident prone area need special attention**

# Highlights of Visioning Exercise of Rohtas District



## **6. HIGHLIGHTS OF VAISHALI DISCUSSION :**

- **District mainly suffers from flood, fire, hailstorm & lightening.**
- **It suffers occasional drought.**
- **Lightening cases also reported.**
- **Fire cases reported in 10 blocks (4 of them with high frequency).**
- **More hydrants required at Hajipur, Mahua, Raghapur & Mahnar.**
- **DDMA prepared flood related contingency plan.**
- **Officers identified for different preventing measures in flood.**
- **Details of hand-pumps, irrigation, flood erosion & their places identified.**
- **Details of medical team formation obtained.**
- **Raghapur flood vulnerability assessed. 20 Panchayats identified & places earmarked.**
- **Same for Mahnar & Deshri block obtained.**
- **Details of divers , boats & master trainers obtained.**

**Note : Status of schedules & other reports explained in coming slides**

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## **6.1 Status of Information Received - VAISHALI**

<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Schedule/ Questionnaire -A</b>	<b>Line Department</b>	<b>IPRD, Fire, Building Dept. of Posts &amp; Statistics</b>	<b>DM has issued letter again to BDOs &amp; COs regarding schedule</b>
<b>Schedule/ Questionnaire -B</b>	<b>BDOs &amp; COs</b>	<b>Nil</b>	<b>Information requested</b>
<b>Schedule/ Questionnaire -C</b>	<b>Panchayat</b>	<b>Nil</b>	
<b>Crowd/Mela/ Religious Functions</b>	<b>Sonepur mela, Garibnath Kanwariya &amp; Kartik Purnima</b>	<b>Nil</b>	<b>SOP for Hajipur side being prepared</b>
<b>Status of Preparedness of Industries/ establishments / historical monuments</b>	<b>Small &amp; Medium Industries</b>	<b>Information awaited</b>	

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<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Civil Surgeon, IMA, Red Cross</b>	<b>Information available on Health</b>	<b>Nil</b>	<b>Details of PHC &amp; Sub-centre &amp; contact nos. obtained</b>
<b>Civil Defence, NCC, Scouts &amp; Guides, Fire &amp; Home Guards</b>	<b>Preparedness of these organizations</b>	<b>Nil</b>	<b>Civil Defence (DMD) approached</b>
<b>Telephone Directory</b>	<b>All Stakeholders</b>	<b>Sr. Officers, BDOs &amp; COs, Doctors, divers, boatmen obtained</b>	<b>Other information sought</b>
<b>Report</b>	<b>On Disaster</b>	<b>obtained</b>	
<b>Training &amp; Capacity Building</b>	<b>On Disaster</b>	<b>Nil</b>	<b>BSDMA, BIPARD</b>
<b>Livestock</b>	<b>Animals &amp; Fodder</b>	<b>Animal census Report</b>	<b>Details sought</b>
<b>District Profile (16 blocks)</b>	<b>Vaishali District</b>	<b>Obtained</b>	<b>It includes breakup of population- SC, ST, Habitation, Women etc.</b>
<b>Secondary Data</b>	<b>Climate Change</b>	<b>Nil</b>	<b>Information sought on agriculture &amp; health (Zone-I)</b>

**Note : We are to make more visits in a few identified blocks**

# Highlights of Visioning Exercise of Vaishali District



## **7. HIGHLIGHTS OF NALANDA DISCUSSION :**

- **District mainly suffers from flood, fire, hailstorm & lightening.**
- **Floods in Griyak, Parwalpur, Hilsa, Karaiparsurai, Ekengarsarai, Rahui discussed.**
- **Flood in 7 panchayats & formation of response committee detailed.**
- **Flood in Asthawa block identified but panchayat details to be obtained.**
- **Names of 173 youths trained under capacity development obtained.**
- **More Fire tenders required.**
- **Accidents proneness due to 3 NH roads identified.**
- **DDMA prepared flood related contingency plan.**
- **Crowd management during Rajgir Mahotsava, Malemas mela & recent arrangement noted.**
- **Tourist inflow (Nov. –Jan.) & ropeway safety outlined.**
- **Man power shortage & Gadgets required at DDMA.**
- **All details of health facilities & their availability obtained.**

**Note : Status of schedules & other reports explained in coming slides**

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## **7.1 Status of Information Received - NALANDA**

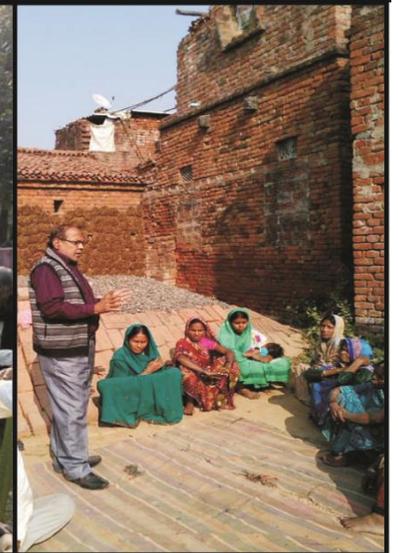
<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Schedule/ Questionnaire -A</b>	<b>Line Department</b>	<b>Health, Rural Development &amp; Fire</b>	<b>Information requested</b>
<b>Schedule/ Questionnaire -B</b>	<b>BDOs &amp; COs</b>	<b>15</b>	
<b>Schedule/ Questionnaire -C</b>	<b>Panchayat</b>	<b>30</b>	
<b>Crowd/Mela/ Religious Functions</b>	<b>Rajgir Mahotsava, Malemas mela &amp; tourism</b>	<b>SOP on Rajgir Mahotsava &amp; Malemas mela</b>	<b>SOP being Studied</b>
<b>Status of Preparedness of Industries/ establishments/ historical monuments</b>	<b>Small &amp; Medium Industries</b>	<b>Information awaited</b>	<b>Need to get information on Ordnance Factory</b>

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<b>STATUS OF INFORMATION</b>	<b>AREA CONCERNED</b>	<b>RECEIVED</b>	<b>REMARKS</b>
<b>Civil Surgeon, IMA, Red Cross</b>	<b>Information available on Health</b>	<b>Nil</b>	<b>Details of PHC &amp; Sub-centre &amp; contact nos. obtained</b>
<b>Civil Defence, NCC, Scouts &amp; Guides, Fire &amp; Home Guards</b>	<b>Preparedness of these organizations</b>	<b>Nil</b>	<b>Civil Defence (DMD) approached</b>
<b>Telephone Directory</b>	<b>All Stakeholders</b>	<b>Sr. Officers, BDOs &amp; COs, Doctors, divers, boatmen obtained</b>	<b>Contact nos. of motorboat drivers (10) &amp; divers (20) obtained</b>
<b>Report</b>	<b>On Disaster</b>	<b>obtained</b>	
<b>Training &amp; Capacity Building</b>	<b>On Disaster</b>	<b>Nil</b>	<b>BSDMA, BIPARD</b>
<b>Livestock</b>	<b>Animals &amp; Fodder</b>	<b>Animal census Report</b>	<b>More details sought</b>
<b>District Profile (20 blocks)</b>	<b>Nalanda District</b>	<b>Obtained</b>	<b>It includes breakup of population- SC, ST, Habitation, Women etc.</b>
<b>Secondary Data</b>	<b>Climate Change</b>	<b>Nil</b>	<b>Information sought on agriculture &amp; health (Zone-IIIA)</b>

**Note : We are to make more visits in a few identified blocks**

# Highlights of Visioning Exercise of Nalanda District



## **8. REFERENCES**

- **Hazard Map - BMPTC**
- **Maha Kumbh Documentation – BSDMA**
- **Cash Study of Chhath Puja – BSDMA**
- **District Flood Map – BSDMA & website**
- **Climate Change – BSDMA & website**
- **Fire in Context of Bihar – BSDMA & website**
- **Do's & Don'ts – BSDMA & website**

## **9. POINT OF CONCERN**

- ✓ **We seek assistance from the district administration to kindly expedite the data collection based on our questionnaire to zero down on vulnerable Panchayats/Blocks of the district.**
- ✓ **This will make our task easier by authentic data & DDMP workable. A time line can be drawn in this meeting.**
- ✓ **We are thankful for the all cooperation & facilitation provided by BSDMA & the respective district administration.**

# THANK YOU



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***"Let there be development & not development with Disaster."***