



PHASE – I : DISASTER RISK REDUCTION AND CLIMATE CHANGE INITIATIVE

Initiative to build capacity of stakeholders on Disaster Risk Reduction (DRR) & Climate Change Adaptation (CCA) in the State of Jharkhand

PERIOD : OCTOBER 2016 – MAY 2017

Purpose of the Initiative

- To build evidences, strengthen inclusive disaster mitigation planning at the state and district level.
- To Orient and involve the communities in Jharkhand on Disaster Risk Reduction (DRR) and Climate Change Adaptation.
- To advocate for strengthening disaster mitigation, response and planning in Jharkhand.
- To develop build and strengthen a strong platform for respective departments (Goj), Schools, PRI's, CBO's/NGO's at each administrative level for emergency preparedness, Planning and Response.

JH/PROG/GEN/486
4 October 2016

Mr. N. N Pandey, IAS
Additional Chief Secretary,
Home, Prison and Disaster Management Department
Govt of Jharkhand
Ranchi

Subject: Partnership with Inter Agency Group on disaster management for improving planning on disaster risk reduction and climate change adaptations

Dear Mr. Pandey,

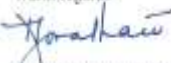
It is our pleasure to inform you that UNICEF in Jharkhand through its Disaster Risk Reduction and Climate Change Adaptation initiatives is moving forward to build and sensitize for the technical capacities of the stakeholder department officials / PRIs / CBOs / NGOs in Jharkhand at the State Level and 24 districts on Disaster Risk Reduction (DRR) and Climate Change Adaptations (CCA).

This would enable the officials of the respective Departments (Govt. Of Jharkhand) to include innovative actions in their respective PIP (project implementation plans) which will build evidences, advocate and strengthen inclusive disaster mitigation planning at the State and District Levels in Jharkhand.

The initiative would be led by our partner **Inter Agency Group (IAG)** with The Janaki Foundation as the Executing / Implementing Agency. Inter Agency Group has been functioning as a regional coalition of international humanitarian / UN Agencies (like UNICEF, UNDP, OXFAM, CARE, Red Cross, CRS, Save the Children, CASA, Action Aid etc) working in Jharkhand promoting Unified Response Strategy (URS) to improve coordination and convergence at different stages of planning and response to Humanitarian Crisis at all administrative level.

We solicit your support and direction to take forward this very important agenda and strengthen the Disaster Risk Reduction (DRR) and Climate Change Adaptations (CCA).

Warm regards



Dr. Madhulika Jonathan
Chief, UNICEF Office for Jharkhand

CC: Colonel Sanjay Srivastava, UNDP
Mr. Ashish Kumar Tiwari, Director, Janaki foundation
Mr. Subir Kumar, Convener, IAG

Government of Jharkhand
Home, Prison and Disaster Management Department
(Disaster Management Division)

Letter No.-04/Aa.Pra(UNDP)-01/2015-~~1117~~ DMD, Ranchi, Dated- 10/11/16

From,

Bhagwan Das,
Special Secretary to Govt.

To,

Dr. Madhulika Jonathan,
Chief, UNICEF Office for Jharkhand
VISWA Hostel Complex-Ground Floor,
Near ICM Complex, Jodapal, Kanke Road,
Ranchi-834006.

Sub:- Partnership with Inter Agency Group on Disaster Management for improving planning of Disaster Risk Reduction and Climate Change Adaptation.

Ref:- Your letter no.:-JH/PROG/GEM/486, Date-4.10.2016.

Madam,

With reference to the above mentioned subject, I am directed to inform you that Disaster Management Division, Jharkhand, Ranchi forwards its consent to support your initiative for improving planning of Disaster Risk Reduction and Climate Change Adaptation in partnership with Inter Agency Group.

In this regards it is requested that the activity should be coordinated with SPO,UNDP and the department should be kept informed with respect to the activities being carried out and periodic report of the project should be submitted once a month as per provisions of the approved Work Plan.

Regards,



(Bhagwan Das)
Special Secretary to Government

What did we do in Phase 01

- **State Level - Disaster Sensitization (DRR and CCA) TOT of Government officials of Key Stakeholder departments** for 01 day for improving planning on DRR and CCA in Jharkhand. This enabled the Key Stakeholders (Minimum 50 officials from different stakeholder department) from the state government, policy makers and development partners able to plan on DRR and CCA.
- **Divisional Level - Disaster Sensitization (DRR and CCA) workshops of the Key Government officials** (Health, Social Welfare/ICDS, Rural Development, Urban Development, Education etc) in 05 Divisions of Jharkhand for 02 days. This facilitated the Capacity Building of Key Stakeholders at the Division Level and further incorporate the DRR and CCA interventions incorporated in PIP

State Level Consultation on 22.12.2016

in the State Level Jharkhand Conference on Disaster Risk Reduction - experts from Disaster Management Department, Health Dept., Govt of Jharkhand, UNICEF, UNDP, MECON, CCL, Plan India, Save the Children amongst others were part of the panel of four core sessions which addressed resilient villages, resilient livelihood, resilient basic services, Gender Vulnerability and resilient cities to strengthen Planning and the DRR/CCA Road Map of Jharkhand.

Hon'ble Minister – Welfare, Social Welfare Women and Child Development Department, Govt. of Jharkhand, Ms. Louis Marandi served as the chief Guest and inaugurated the consultation. Hon'ble Minister – Revenue and Land Reforms, Art Culture, Sports and Youth Affairs, Govt. of Jharkhand, **Mr. Amar Kumar Bauri** was the Guest of Honour and chair to the session on Vulnerability and Gender in Disaster.



Palamu Division Consultation on Feb 21 - 22, 2017

The consultation was held under the chairmanship of Dr. Rajiv Arun Ekka (IAS) Divisional Commissioner, Palamu and elaborated in Detail the need of strengthening the DRR/CCA Road Map. Officials from all the Districts in the Division were present in the consultation.



North Chotanagpur Division Consultation on Feb 27 - 28, 2017

The consultation was held under the chairmanship of Divisional Commissioner, Hazaribagh – Mr. D.C. Mishra (I.A.S) who illustrated in Detail the felt need of strengthening the DRR/CCA Road Map. Officials from all the Districts in the Division were present in the consultation.



आजुमान कार्यालय,
उत्तरी चोटीनागपुर प्रान्तपाल, हजारीबाग

दिनांक: २७-२८/०२/२०१७

बिना: ...

को भन्ने: ...

विषय: ...

कार्यक्रम: ...

उपस्थित: ...

आजुमान कार्यालय,
उत्तरी चोटीनागपुर प्रान्तपाल, हजारीबाग



Dumka Division

Consultation on March 06 - 07, 2017

The consultation was held under the chairmanship of Divisional Commissioner, Dumka – Mr. D.C. Mishra (I.A.S) who illustrated in Detail the felt need of strengthening the DRR/CCA Road Map. Officials from all the Districts in the Division were present in the consultation.



Chaibasa Division

Consultation on March 10 - 11, 2017

Mr. Prabhat kumar (I.P.S), DIG, Chaibasa presided the Chaibasa Divisional Consultation representing Dr. Pradeep Kumar (I.A.S) Divisional Commissioner, Chaibasa and illustrated in Detail the felt need of strengthening the DRR/CCA Road Map. Officials from all the Districts in the Division were present in the consultation.



आपदा जोखिम न्यूनीकरण कार्ययोजना लागू करना जरूरी

■ आपदा जोखिम न्यूनीकरण का तम राज्य के अंतिम व्यक्ति तक पहुंच सके



काईबासा. आपदा जोखिम न्यूनीकरण कार्यक्रम तैयार कर उसे चरणबद्ध तरीके से लागू करना है. भू-जलवायु परिस्थितियों के कारण भारत प्राकृतिक आपदा के प्रति संवेदनशील रहा है. ज्वालामुखी, सुखा, सूखा, चक्रवात, भूकंप और भूस्खलन को घटना आम है. राज्य के कई भागों में पतझड़ व शुष्क पतझड़ दोनों में आम लगना आम बात है. उक्त बातों को लक्ष्य न्यूनिकरण के संघर्ष चंद्र भूषण सिंह ने कहा. वे

शुरूवार को कोलहान आयुक्त कार्यालय सभागार में प्रमंडल स्तरीय महिला व पुरुषों के प्रति आपदा जोखिम न्यूनीकरण व पर्यावरण परिवर्तन कार्यशाला में बोल रहे थे. उन्होंने कहा कि वर्तमान में व्यापक रूप से जलवायु परिवर्तन हो रहा है. इसके कारण कहीं सुखा है, तो

कहीं बाढ़. मौसम का मिजाज एक-एक बदलना इसी के लक्षण है. कार्यशाला में आपदा से बचने का तरीका बताया गया. कार्यक्रम में तकनीकी सत्रों का संचालन वॉरिष्ठ सरलाहकार कुशल मुखर्जी, श्रीमती शर्ला फिलिप ने किया. इसमें एनजीओ अहडीएफ, जेएसएलएस

आयरा आदि ने हिस्सा लिया. संवेदनशील हो कर जीवन जीने की आदत डालें और ऐसे ही रूप के सर्वोच्च सुबोध कुमार ने कहा कि विभिन्न विभागों को भूकंप व सहभागिता से आपदा प्रबंधन बलों तरीके से कार्यन्वित हो सकता है. मानव निर्मित आपदा से रक्षा का बचपन होना. संवेदनशील हो का जीवन जीने की आदत डालना होगा. उक्त शक्ति विवेक के प्रा. दिनेश कुमार ने बताया कि झारखंड में महिला व पुरुषों के प्रति आपदा प्रबंधन पर रोडमैप तैयार कान आवश्यक है.



South Chotanagpur Division

Consultation on March 23 - 24, 2017

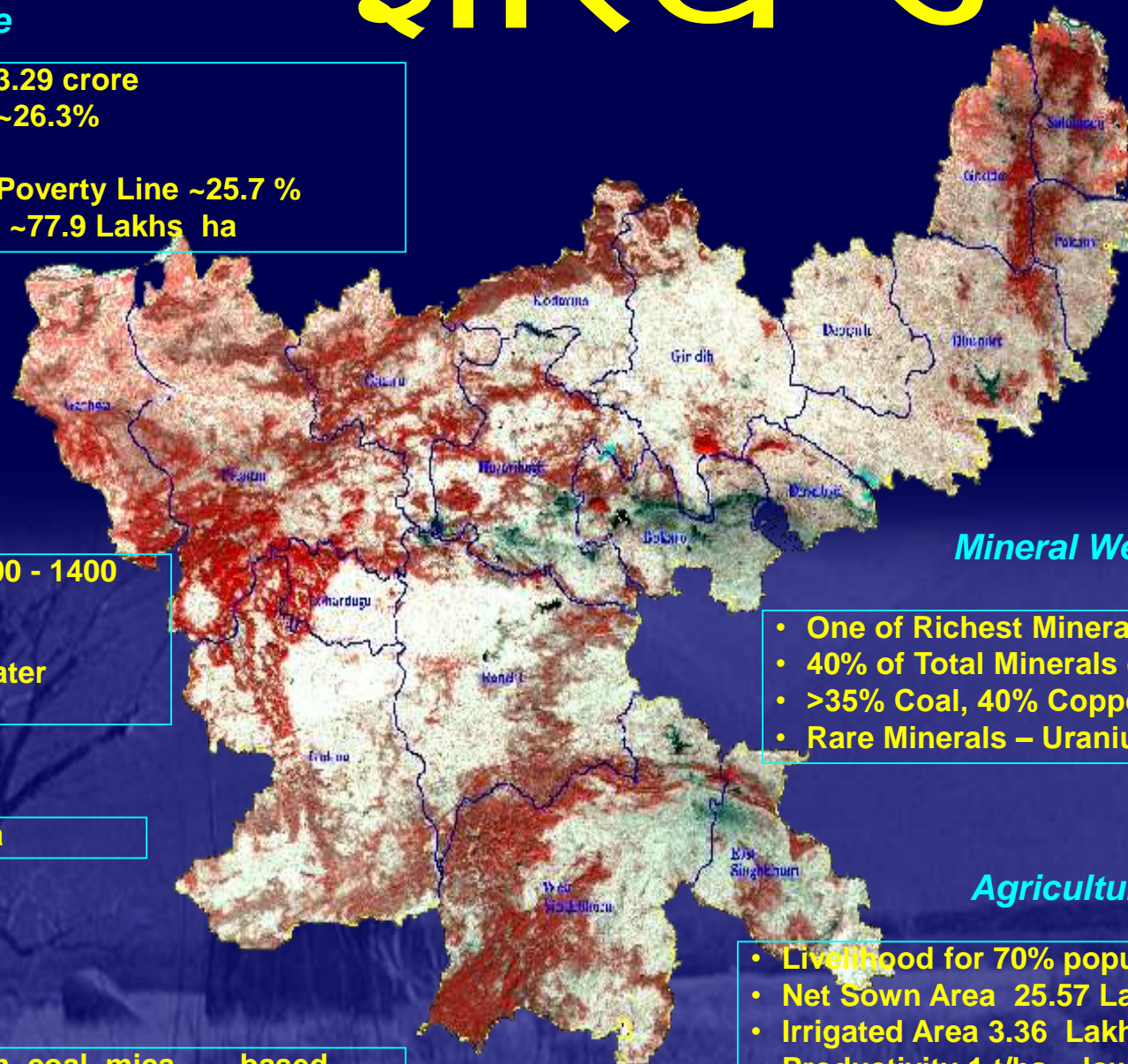
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***Recommendations
and
Key Outcomes
of the State and Divisional
Level Consultations***

झारखण्ड

Land & The People

- Total Population ~3.29 crore
- ST/SC Population ~26.3%
- Literacy ~66.41%
- Population Below Poverty Line ~25.7 %
- Geographical Area ~77.9 Lakhs ha



Water

- Annual Rainfall 1200 - 1400 mm
- 4 river basins
- Severe Drinking Water Problems

Forest

- Rare Flora & Fauna

Industrial Base

- Home to major iron, coal, mica, based industries
- TELCO, TISCO, HEC, SAIL, BCCL....

Mineral Wealth

- One of Richest Mineral Zones
- 40% of Total Minerals of India
- >35% Coal, 40% Copper
- Rare Minerals – Uranium

Agriculture

- Livelihood for 70% population
- Net Sown Area 25.57 Lakhs ha
- Irrigated Area 3.36 Lakhs Ha(11.3%)
- Productivity 1 t/ha – low to medium
- Food Production 48 lakh MT against Total Requirement of 72 L MT

Governance

- **Strengthening Disaster Preparedness Plans** are the felt need as the current document is silent on the local context and specific disaster vulnerability and profiling. Negligible attention is paid to the specific needs of children, due to which the severity of impacts faced by them are often compounded. Additionally, the psychosocial impact of disasters on children is almost absent as a consideration in policy planning and implementation. This needs to be laid up on Priority so as to channelize relief and response operations with details on decentralized management.
- **DRR/CCA Sensitization, mid and mass media**, IEC and outreach needs to be synergized as per the local requirement and geography. This would facilitate communitization process, involve communities and help built self-reliant systems focusing on women and children.

Water Sanitation, Hygiene (Mapping and Understanding of Water Levels)

- Awareness Generation in regards DRR and CCA is very low in Jharkhand, Concerted and innovative efforts is the need of the hour to inform and educate the masses regarding WASH, DRR and Child Rights.
- Roof top Rain Water Harvesting to be promoted.
- Water Assessment & Quality testing
- CB of Jal Sahiyya on Disaster Management.
- Management of Public toilets.
- Periodic drinking water well cleaning
- **Promotion gender sensitive toilet at offices and public utility places and its maintenance**

Child Education and Protection

- **Increase in the understanding on DRR and CCA by School teachers and dissemination of information in the classes**
- Establish links of water scarcity and impacts on education; ensure school WASH facilities are functional.
- Village level child protection centres to be strengthened in drought affected districts
- Village Level Child Protection Committees (VLCPCs) to work in close coordination with the Migrant Resource Centres
- Support and care of migrant children through networking with local NGOs
- Installation of Lightning Conductor /fire fighting equipments in Schools.
- Training & CB for disaster preparedness to students & Teachers.
- **Monitoring of hand washing practices by point person at each school**

Nodal Dept.: Disaster Management Department

- Strengthening of Institutions across at District & Block level .Capacity building on DRR & CCA to health-ICDS-Sanitation education forest-agriculture functionaries
- People Centric decentralized Drought Response Manual to be developed for the State, with detailed guidelines on decentralized management.
- Standard Operating Procedures for mitigation of Urban Hazard Risk and Vulnerability Analysis, The polluting Industries in Jharkhand, Air Pollution in Jharkhand, Gaseous Pollution, Water Pollution
- Circulation Of Standard Operating Procedures
- Convergent Actions & Role of the committee to be defined and sharing of Multi-Hazard Disaster Management Plan, Trigger Mechanism to dist department heads
- Listing of district wise Voluntary / Supporting organisations (NCC, NSS, NGOs .and other agency)Bi annually sensitization meeting
- Monitoring team Constitution by State Disaster Management and district level Disaster Management.
- Installation of Lightening Conductor in the offices/Schools/Hospitals/APHCS/HSCS / PRI office/ICDS office
- Lay Focus on the Advancement in Convergent action

Health

Development of MFR or First Aid Teams; Convergence with allied sectors; Contingency plan on seasonality (Drought-rainy season); Emergency Plan for Maternal treatment centre to address malnutrition during drought); Mapping of the District for Disaster Zone; Lack of IEC materials related to Disaster are the key challenges and the gaps that needs strengthening.

- Effective supply of balanced noon meal schemes, at schools and anganwadis, to be a priority in drought affected villages
- Convergence of IDSP with DDMA
- Provide well equipped Ambulance & HR for Trauma Management.
- Pre stock of Life saving drugs & Medicines for vulnerability profile.
- Availability of ORS at AWCs-HSC for distribution on demand and urgent situation
- Institutionalize capacity building and knowledge transfer on food and nutrition.
- Place identification and preparation of additional beds and Funds availability for treatments of malnutrition
- Installation of Lightening conductor in all hospitals /CHC/HSC
- Fire Fighting equipments at all the service delivery points

Health

....contd

- Need & region based IEC to be developed.
- Institutional guideline for safety measures and response to be shared with all functionaries.
- Ensuring ambulance services for trauma.
- Expansion of donor based list for blood bank.
- Inclusion of one chapter for Disaster management in Sahiyya Training module.

Nutrition: *Strengthening the malnutrition reduction process that is turning out as a silent disaster with grave results (with repercussions for health, education, and in the long term for livelihoods).*

- Efficacy in the supply of balanced noon meal schemes, at schools and anganwadis, to be a priority in drought affected villages
- To lay intensive focus for reduction malnutrition that is turning out as a silent disaster with grave results.
- Malnutrition is the crucial underlying impact of droughts. Emergency Plan for Maternal treatment centre to address malnutrition during drought
- Strengthening the AWWs meeting focusing on Appropriate complimentary feeding practices
- Supply of mid arm circumference tape at AWCs and old /defective Growth monitoring machines to be replace
- Supportive supervision at AWCs on Growth monitoring
- Coordination with health department and effective linkages with NHM program Rastriya bal swath yojana (RSBY)

Gender equality, equity, diversity

- At the Policy Level, efforts that can be promoted include Awareness and Advocacy
- Gender Sensitive Risk Assessment-gender specific indicators
- Analysis and Review; Gender –awareness Disaster Risk Reduction Knowledge Products
- Gender Responsive Recovery; Capacity Development
- Gender sensitive IEC materials display at Dist Hospital-APHC-SHC-ICDS Dist /Block office

Livelihood – Agriculture and allied activities

- The **changing rainfall pattern** due to erratic rainfall with high intensity showers and prolonged dry period is playing havoc with agriculture, especially in a situation of rain fed farming. It is recommended that the cropping pattern should follow suit and crops like minor millets, pulses, etc., with lower water needs and better resistance are adopted and with new cropping patterns developed.
- The crop of paddy may be replaced with less water intensive crops like Corn, Millets, Kharif Sorghum, Kharif Mung, Pulses like Arhar and Urad in the long term
- In this drought situation, there was no money with the cattle owner farmers to buy the fodder. Under such situation a small support through the subsidies for fodder and cattle feed purchase may be helpful.
- The large animals may not be able to sustain in the drought, the promotion of small livestock like goat and poultry may be helpful for the communities. It will reduce the risks as well as will be able to sustain in the drought situation without much loss.
- Since migration is a serious problem, it could be facilitated by the government with NGOs support and by setting up Migration facilitation centers. The tracking of children may be helpful to address many child right issues violation during the migration.
- Inclusion of the drought affected blocks/ districts under the massive livelihoods programmes like National Rural Livelihoods Mission may help in improving the livelihoods of the communities. Efforts need to be made by Government organizational and NGOs for skill development for women and girls to enhance their income levels as per the needs
- Filling up all the positions required for the child protection cell in the district. Regular trainings of Child protection committees at block and district level suggested.

Building Construction Department (Building safety for Earthquake, fire & lightening)

- Plan to be focused on Building safety for Earthquake, fire & lightening.
- Installation of Lightening conductor in all the govt building and service delivery points

Health-ICDS-PHED

- Need & region based IEC to be developed
- Awareness Generation in regards DRR-Sanitation –Health-Gender-Malnutrition in the AWWs / Sahiyyas' monthly meeting taking consideration seasonality
- Each AWCS-APHC-HSC-PRI-schools and other service delivery points must have Poster on DO and DONTs related to DRR
- Tool kit/Protocol of CB to be disseminated

Print Media Coverage

MIX BAG

THE AVENUE MAIL

6

Jamshedpur, Friday, December 23, 2016

Jharkhand to develop disaster risk reduction roadmap to reduce economic losses

In the light of the Sendai Framework for Action (SFA), Jharkhand state Disaster Management Department in partnership with UNICEF, Inter Agency Group and The Janaki Foundation is moving forward to develop a Disaster Risk Reduction (DRR) Roadmap to reduce economic losses caused by

Women Centric Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA) planning in the state of Jharkhand. The Janaki Foundation and Inter Agency Group has been an active partner in the planning process on DRR, draft the DRR Roadmap, conduct individual and multi-stakeholder



Louis Marandi served as the chief guest and inaugurated the consultation. He was accompanied by the State Level Disaster Risk Reduction, Women and Child Welfare, Social Welfare and Revenue and Sports and Youth Affairs, Govt. of Jharkhand, Amar Kumar Bauri was the Guest of Honour and chair to the session on Vulnerability and Gender in Disaster.

"The roadmap would ensure that all the safety norms stipulated therein are adhered to by people as well as the government machinery," Marandi said. She added that all buildings of public gather such as schools, hospitals, offices and government buildings should be built to be

UNDP briefed the officials and the policy makers on Sandai Framework of DRR. Mr. Subir Kumar, Convenor IAG informed that Disaster Risk Reduction (DRR) and Climate Change Adaptations (CCA) continues to be an evolving field. As disaster risks evolve, and DRR practitioners undergo cycles of learning and reflection, different concepts take prominence to understand and act on disaster risk reduction.

anticipating future disaster risk, reducing existing exposure, vulnerability or hazard, and strengthening resilience. Dr. Experts from UNICEF highlighted the 04 Priority Areas that need to be taken care off while working on Disaster Plans; and they include - Understanding Disaster Risks, Strengthening Disaster Risk Governance to Manage Disaster Risks, Investing in Disaster Risk Reduction for Resilience and Enhancing Disaster

‘आपदा प्रबंधन की जानकारी जरूरी’



आपदा प्रबंधन को लेकर उत्तरी छोटो-छोटो प्रबंधन के कार्यक्रम दिनांक 23 दिसंबर को अखिल भारतीय प्रबंधन की जानकारी जरूरी।

आपदा प्रबंधन को लेकर उत्तरी छोटो-छोटो प्रबंधन के कार्यक्रम दिनांक 23 दिसंबर को अखिल भारतीय प्रबंधन की जानकारी जरूरी।

आपदा आने के पूर्व उससे बचाव के उपायों की जानकारी होनी चाहिए



आपदा आने के पूर्व उससे बचाव के उपायों की जानकारी होनी चाहिए।

आपदा आने के पूर्व उससे बचाव के उपायों की जानकारी होनी चाहिए।

जागरूकता से होगा आपदा नियंत्रण



जागरूकता से होगा आपदा नियंत्रण।

जागरूकता से होगा आपदा नियंत्रण।

फोटो सेल का मुद्दा खनन पदाधिकारी ने दूर करवाया मामला सीओ निपटाएं लंबे

Moving Forward....

PHASE – II : DISASTER RISK REDUCTION AND CLIMATE CHANGE INITIATIVE

Improving Planning on Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA) in Jharkhand

PERIOD : OCTOBER 2017 – DECEMBER 2017

- Sharing of the recommendations and overall outcome of Divisional level consultations on child & women centric Disaster Risk Reduction and Climate Change Adaptation with more than 40 core officials of dept of Health, WCD, DWS, Education at the state level dissemination.
- Capacity Building of the IAG Network Partners on working modalities of DRR/CCA and strengthening network on Emergency Preparedness
- Policy Analysis of the Disaster Management Act and other relevant Govt. directives made in consultation with a CORE GROUP and theme-wise booklets developed for sectors like; Health, Nutrition, Education, WASH and Child Protection.

Thank You