



Kerala State Disaster Management Authority

Virtual Cadre Training Programme

DRR Training for Groundwater Department, Government of Kerala

Training Report

July 2021

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ALL INDIA
DISASTER MITIGATION INSTITUTE

A. About the Virtual Cadre Training Programme

The State Disaster Management plan 2016 of Kerala envisages setting up a virtual cadre for all departments in which officials from different departments will be trained to act as respondents to disaster management related issues. Hence, the idea of creating human resources groups within the departments becomes a necessity. **Govt. of Kerala vide GO Rt no. 56/2017/DMD dated 25th November 2017 and vide GO Rt No. 111/2018/DMD dated 28th February 2018** issued under the section 16 of DM act 2005, had formalized the virtual cadre for officials from 26 departments.

The virtual cadre will support the departments in carrying out the following activities

1. Support to District Disaster Management Authority (DDMA) in preparation of District Disaster Management Plan (DDMP)
2. During emergency, support DDMA and work with the departments
3. During emergency inform the directions and decisions taken by the SEC and coordinate with district level line departments
4. Develop and update departmental disaster management plans as envisaged in the National Disaster Management Act (2005).
5. Prepare training calendar for district and assure necessary arrangements for training
6. Provide necessary support and advice to departmental heads and make sure that the activities under the departmental plan are not resulting in increase of disaster risk and
7. Implement projects of the DDMA pertaining to the concerned departments.

As part of this ongoing engagement, officials from eight departments were trained in the year 2019-2020 by Kerala State Disaster Management Authority. For 2020-2021 this engagement focuses on the virtual cadre training for officials on disaster risk reduction (DRR) from 7 departments of Kerala government. These departments include:

- Fisheries
- Groundwater
- Panchayat
- Education
- Civil Supplies
- Tourism
- Local Self Government (Planning)

As the first step towards executing this programme, an inception meeting was conducted on 24th November 2020 from 3pm to 4.20 pm for six departments namely panchayath, civil supplies, education, tourism, ground water and fisheries. In the inception meeting the relevance of virtual cadre for DM and the Training needs assessment format were explained. As a follow up, the meeting report along with the training needs questionnaire was send to heads of all departments as well as the virtual cadre members to respond. As per the request from LSG planning department for training in DM and risk informed planning, it was decided to include officials from these departments also for the training session. An inception meeting and training needs assessment was done for this department on 7th April 2021 from 11am to 1pm. In the mean time modules for training the departments and equipping them for the formulation of departmental DM plans were designed and reviewed with the help of AIDMI and experts from KSDMA team.

A Training Needs Assessment (TNA) dissemination meeting was conducted online on 23rd June 2021 in order to inform the virtual cadre members about the findings of the TNA. Further, main online training session is being planned for 5 days with two hours online sessions each day.

B. Five Day Training for Groundwater Department

As mentioned above, a 5-day training on Disaster Risk Reduction (DRR) was conducted for the virtual cadre officials of the Groundwater Department. The first 3 days of this training were held from 5th July-7th July 2021 (14:30-16:30 hrs) and focused on general and basic training on DRR. Basic concepts, legal and institutional mechanism, Kerala profile – Disaster Management, case studies and best-case scenarios etc. The last 2 days of this training were held on 22nd July-23rd July 2021 (11:00-13:00 hrs) and focused on department specific actions related with DRR.

The following were the resource persons of the 3-day general training session:

Sl. No.	Name of Resource Person	Thematic Sessions
1.	Ms. Annie George- Former UNDP, Consultant - Capacity Building	<ul style="list-style-type: none"> Basics of Disaster management; Phases in Disaster Management: Case Studies, Best Practices
2.	Mr. G Padmanabhan, Former Emergency Analyst, UNDP; DRR expert	<ul style="list-style-type: none"> Institutional & legislative framework of DM Mainstreaming DRR
3.	Pradeep G S, Hazard & Risk Analyst, KSDMA	<ul style="list-style-type: none"> Overview of Disaster Management Mechanism In Kerala

Mr. Joe George (SPO KSDMA) and Dr Pratheesh C Mammen, UNICEF-KSDMA were the facilitators of the training along with Mr. Vishal Pathak, Senior Coordinator, AIDMI and Mr. Kshitij Gupta, Project Coordinator, AIDMI.

Dr. Sekhar Lukose Kuriakose, Member Secretary, KSDMA and Mr. Mihir Bhatt, Director, All India Disaster Mitigation Institute (AIDMI) opened the training with their welcome remarks to the participants and then invited the resource persons to conduct the training.

The following were the resource persons for the 2-day department specific training:

Sl. No.	Name of Resource Person	Thematic Session
1.	Prof. E. Shaji, HoD - Geology Dept, Kerala University	Impacts of Hazards on Groundwater Resources and Good Practices
2.	Vijeesh P, State coordinator, Sphere	Orientation on Dept DM Plan

During these training sessions, the participants were given orientation on various aspects of disaster risk reduction and also on how to mainstream disaster risk reduction in their departmental level activities. Throughout the training sessions, there was a high degree of engagement between the participants and the resource persons.

Most importantly, the participants were trained on how to draft a 'Departmental Disaster Management Plan'. Preparation of Departmental DM plan is an important outcome of this training

as it is aligned with the mandate of the National Disaster Management Act (2005). Section 41 of National Disaster Management Act (2005) envisages the formulation of departmental DM plan by the virtual cadre officers of each department. After the completion of this training, the participants are now expected to draft their respective department's DM plan and submit it to KSDMA for review.

C. Training Schedule of 3 day General DRR Training



Virtual Cadre Training Programme for the officials from seven departments on Disaster Management (Initiative of KSDMA under KSDMA – UNICEF Partnership Programme) Government of Kerala

CISCO-WEBEX Online Platform; July 5, 2021, 2.30pm – 4.30pm

Day 1	Session	Resource Persons
02.30pm - 02..35pm	Connecting with online platform & Welcome	Departmental focal point and KSDMA
02.35 pm - 02.45pm	Opening remarks	Dr. Sekhar Lukose Kuriakose, Member Secretary, KSDMA
02.45pm - 02.55pm	Inaugural address	Dr. A Kowsigan IAS Commissioner, Disaster Management
02.55pm – 03.05pm	Special Remarks	Mr. Mihir R. Bhatt Director, AIDMI
03.05pm – 03. 20pm	Introduction to the Programme, Briefing about the project	Mr. Joe John George State Project Officer, KSDMA
03.25pm – 04.10pm	Basics of Disaster management	Ms. Annie George Former UNDP Consultant - Capacity Building
04.20pm - 04.30pm	Conclusion, way ahead and vote of thanks	Vishal Pathak & Kshtij Gupta, AIDMI

Please join by 2.25 pm



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CISCO-WEBEX Online Platform; July 6, 2021, 2.30pm – 4.30pm

Day 2	Session	Resource Persons
02.30pm - 02..35pm	Recall and set the agenda	Vishal Pathak, AIDMI
02.35 pm - 03.25pm	Institutional & legislative framework of DM	Mr. G Padmanabhan Former Emergency Analyst UNDP; DRR expert
03.30pm – 04.20pm	Phases in Disaster Management: Case Studies, Best Practices	Ms. Annie George Former UNDP Consultant - Capacity Building
04.25pm - 04.30pm	Conclusion, way ahead and vote of thanks	Dr. Pratheesh C Mammen UNICEF- KSDMA

Please join by 2.25 pm

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CISCO-WEBEX Online Platform; July 7, 2021, 2.30pm – 4.30pm

Day 3	Session	Resource Persons
02.30pm - 02..35pm	So far progress & today's Agenda	Kshitij Gupta AIDMI
02.35 pm - 03.25pm	Overview of Disaster Management Mechanism In Kerala	Pradeep G S Hazard & Risk Analst, KSDMA
03.30pm – 04.10pm	Mainstreaming DRR	Mr. G Padmanabhan or Vishal Pathak
04.15pm – 04.25pm	Introducing Departmental DM pan	KSDMA-AIDMI team
04.25pm - 04.30pm	Conclusion, way ahead and vote of thanks	Dr Pratheesh C Mammen KSDMA-UNICEF

Please join by 2.25 pm

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D. Schedule for Groundwater Department Specific Training (2 days)



Virtual Cadre Training Programme for the officials from Groundwater Department on Disaster Management

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CISCO-WEBEX Online Platform; July 22-23, 2021, 11:00 am – 01:00 pm

Day 1	Session	Resource Persons
11:00 am –11:15 pm	Connecting with online platform & Progress so far	Dr. Pratheesh C. Mammen, KSDMA - UNICEF
11:15 am -11:30 am	Role of Groundwater in DRM	Mr. Vishal Pathak, AIDMI
11:30 am –12:20 pm	Impacts of hazards on groundwater resources and good practices	Prof. E. Shaji, HoD - Geology Dept, Kerala University
12:20 pm-12:50 pm	Open Discussion	All
12:50 pm- 01:00 pm	Conclusion and next day overview	Mr. Kshitij Gupta, AIDMI



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CISCO-WEBEX Online Platform; July 22-23, 2021, 11:00 am – 01:00 pm

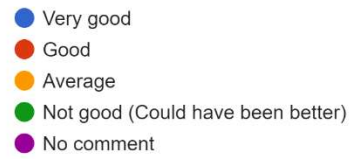
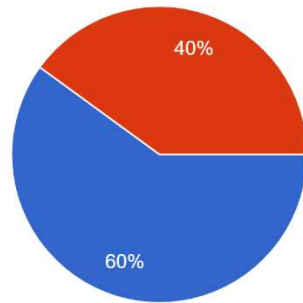
Day 2	Session	Resource Persons
11:00am – 11:15am	Recall, poll and set the agenda	Mr. Kshitij Gupta, AIDMI
11:15am - 12:10 am	Orientation on Dept DM Plan	Vijeesh P, State coordinator, Sphere India & Kshitij Gupta, AIDMI
12:10am – 12:20pm	Key Resources on DRR and Groundwater	Mr. Vishal Pathak, AIDMI
12:20pm - 12:45 pm	Open Discussion	All
12:45 pm- 01:00 pm	Way ahead and Vote of Thanks	Dr. Pratheesh C. Mammen, KSDMA – UNICEF

E. Training Feedback

Day 1 (22nd July, 2021)

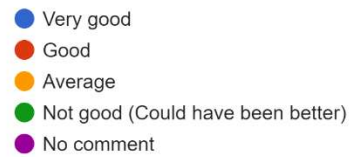
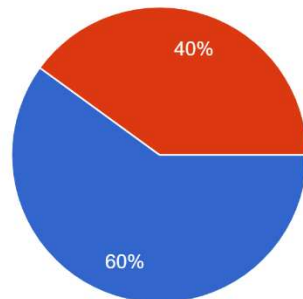
1. How was today's training session?

10 responses

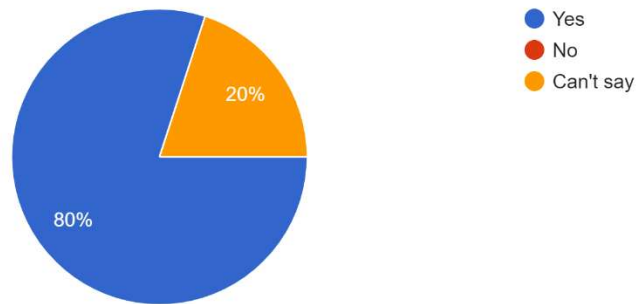


2. How were trainers of this training session?

10 responses

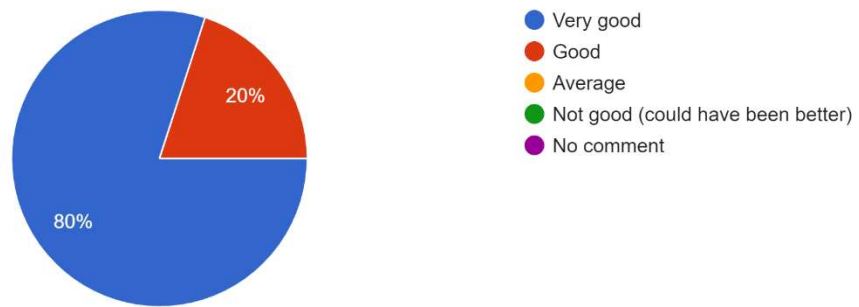


3. Did you understand the importance of disaster management for the groundwater department?
10 responses

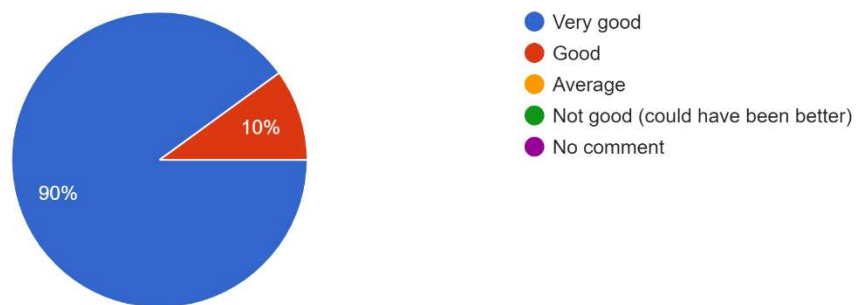


Day 2 (23rd July, 2021)

1. How was today's training session?
10 responses

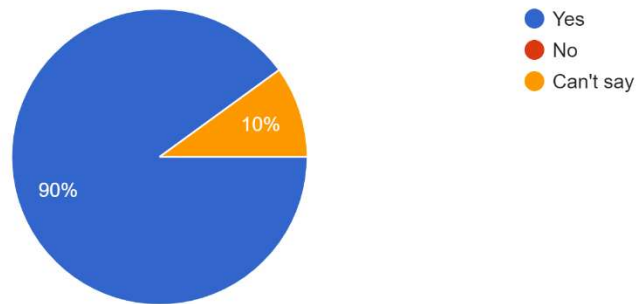


2. How were the trainers for today's sessions?
10 responses



3. Did you understand how to draft a departmental DM plan?

10 responses



F. List of Participants

Sl. No.	Name	Email
1	Ancy Joseph	shgwdkerala@gmail.com
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18	Varun Nediyrappil	varunnj001@gmail.com
19	Vignesh K R (KSDMA)	vigneshkr85@gmail.com

G. Training Photo with Groundwater Department

