



Departmental Consultation to finalise the draft report of Living Lab approach for enhancing the disaster resilience of Kanichar Panchayat, Kannur.

Date: 25th April 2023

Venue: IMG, Thiruvananthapuram

Kerala State Disaster Management Authority & Kerala State Emergency Operation Centre

Government of Kerala

Background

Multiple landslides in the panchayat of Kanichar in 2022 resulted in the loss of lives and wreaked havoc on houses, properties, infrastructure, and livelihoods. More than 20 landslides have been recorded within the panchayat. As per the request from the panchayat, Kerala State Disaster Management Authority conducted investigations to study the causes and triggers of landslides, and the report was submitted to Government. After verifying the report, the Government directed KSDMA to prepare a Living Lab approach to make it a resilient panchayat. The draft report was shared with all departments for review, and a consultation meeting was conducted on 25/04/2023 at IMG, Thiruvananthapuram.

Objectives of the consultation meeting

- To familiarise the Living Lab approach
- To gain inputs from different departments on the proposed draft plan.
- The Living Lab – Kanichar draft report finalisation

The consultation meeting started at 11.00 am. Dr. Sekhar L Kuriakose, Member Secretary, Kerala State Disaster Management Authority, welcomed all the officials and explained the objectives of the meeting. Mr. Antony Sebastian, President Kanichar Panchayat, shared his experience of survival, rescue, and relief and the activities done so far in the panchayat for recovery. He added the changes in the livelihoods pattern of the people after the disastrous events and changes in the agriculture pattern also.



Dr. Sekhar L Kuriakose, Member Secretary, KSDMA



Mr. Antony Sebastian, President, Kanichar Panchayat

Mr. Pradeep. G S, Hazard and Risk Analyst, KSDMA, gave an overview of the landslide events that happened in Kanichar in the month of August 2022. The team investigated 18 landslide spots and two quarries, and they studied the triggers and reasons for the landslides. Most of the landslides were reported in the forest areas; the rocks seem to be weathered, and soil thickness is very less a lack of vegetation is evident. He added that the two quarries operating in this area created negative impacts on the soil, water, environment, and public health. The report prepared by the team was submitted to Government for further action.

Mrs. Amrutha and Ms. Chandini, both Hazard Analysts at KSDMA, gave a detailed presentation on the Living Lab concept. They have explained the projects and schemes proposed in the report and the implementation strategies to be adopted for increasing resilience. They came up with the idea of creating a Resilient Centre in the panchayat for the successful implementation of the proposal.



Mr. Pradeep GS, Hazard and Risk Analyst, KSDMA



Ms. Amrutha, Hazard Analyst, KSDMA



Ms. Chandini, Hazard Analyst, KSDMA

In the afternoon session, the officials pointed out their suggestions and recommendations on the report. Most of them appreciated the new idea of the Living Lab concept introduced by KSDMA and the efforts taken to complete the idea.

Suggestions of the Officials

Sri. Prasanth M J, Tech Expert (Agri), State Mission, MGNREGA, proposed that use of the MGNREGA programme cannot be for debris cleaning mentioned in the report for employment opportunity. The program's benefits can be natural resource conservation, land alteration, stream rejuvenation, common land betterment, individual households, etc. Individual-oriented work can be undertaken with an amount of Rs 4 lakh per person and Rs 5 lakh per person for the SC/ST population. Thus, NbS measures suggested in the report can be undertaken using this programme. Additional measures that can be conducted using this programme are suggested:

- Hamlet schemes under infrastructure for SC/ST

- Waste Management in campaigning mode
- Community shelter
- Kitchen shelter.
- Nursery maintenance

Dr. Sekhar L Kuriakose and Panchayat President were of the opinion of conducting a meeting in the panchayat to understand the significance and programmes that can be applied using the MGNREGA.

Sri. Shajikumar T, Geologist from the Directorate of Mining & Geology, mentioned that clearing debris from the panchayat might have some legal problems, mainly on the measure of debris quantity and royalty.

Sri. Viju Kumar V N, Asst Executive Engineer, Operators, KWA, Jalabhavan, suggested that the NABARD and JJM programme are currently doing asset conservation. The measures are water source treatment and storage and road damage repair. The Irrigation Department should be included as a stakeholder as they mostly deal with this type of work.

Dr. Manoj P Samuel, Executive Director, CWRDM, advocated that many of the projects in the report concerning water source conservation and rejuvenation are to be undertaken by the Irrigation Department rather than the KWA. The timeline of each programme should be specifically mentioned. Location-based study and research should be undertaken in the panchayat before applying some of the projects mentioned in the report. Water auditing and water budgeting of the panchayat should be undertaken. Schemes for overcoming the problem of water pollution should be made.

From LSGD Principal Directorate, Sri. Gopakumar M, Senior Supdt, suggested using Kudumbhashree for some of the resilient programs. A total of 157 Kudumbhashree organizations are presently available in the panchayat. As per the 14th Local Self Government Finance Commission, the fund allocation to the panchayat in different sectors was mentioned. The MGNREGA can be used for the soil conservation programme.

Dr. Jacquilin K Joseph, Asst Professor, Govt College of Engineering, Kannur, suggested that they will go through the report in detail and will suggest relevant measures for the resilience of the panchayat and ensure full support.

Smt. Abhaya R J, SCO, Directorate of SS & SC, also mentioned that they would go through the report and give their suggestion after reviewing the panchayat.

Dr. Jude Emmanuel, Environmental Scientist, DoECC, recommended incorporating some programmes under Parasthikkam and climate change.

Sri. Sindhu J, DDE, Directorate of General Education, propounded that psychological training and other programmes recommended in the report can be taken up.

Sri. Semeer C, Junior Supdt, District Social Justice Office, proposed to incorporate programmes and schemes for disabled people, the transgender community and prisoners.

Way forward

The suggestions proposed by the officials will be incorporated into the report and will be shared with the departments for final vetting.

The final report will be submitted to Government for approval before May 2023.

Encl: Annexures

Agenda of the consultation meeting



**KANICHAR PANCHAYAT- LIVING
LAB**
(25-04-2023)

Session I

11:00 am to 01:00 pm

എന്തുകൊണ്ട് കണിച്ചാർ പഞ്ചായത്ത്?

(Why Kanichar Panchayat?)

Panchayat President

കണിച്ചാർ പഞ്ചായത്തിലെ ഉരുൾപൊട്ടലുകളും

മലവെള്ളപ്പാച്ചിലും: വസ്തുതകൾ

Pradeep G S, Hazard and Risk Analyst, KSDMA

എന്താണ് ലിവിംഗ് ലാബ്

Dr Sekhar L Kuriakose, Member Secretary, KSDMA

കണ്ണൂർ കണിച്ചാർ പഞ്ചായത്തിന്റെ ദുരന്ത നിവാരണ ശേഷി

വർദ്ധിപ്പിക്കുക - ലിവിംഗ് ലാബ് സമീപനം

Mrs. Amrutha.K & Ms. Chandini. P C Senan, Hazard Analyst, KSDMA

LUNCH BREAK

Session II

2:00 pm to 4:00 pm

പൊതു ചർച്ച (General Discussion)

Venue: Institute of Management in Government (IMG)
Law College Rd, Near Law College Junction, Palayam,
Thiruvananthapuram, Kerala 695033

Annexure 2: Participants list

1. Sri. Antony Sebastian, President, Kanichar Panchayth
2. Sri. Balakrishnan, Secretary i/c, Kanichar Panchayth
3. Dr. Manoj P Samuel, Executive Director, CWRDM
4. Smt. Sruthi K V, DM, Dy Collector, Kannur
5. Sri. Prasanth M J, Tech Expert (Agri), State Mission, MGNREGS
6. Sri. Viju Kumar V N, Asst Executive Engineer, Operators, KWA, Jalabhavan
7. Sri. Shajikumar T, Geologist, Directorate of Mining & Geology
8. Sri. Sindhu J, DDE, Directorate of General Education
9. Dr, Jude Emmanuel, Environmental Scientist, DoECC
10. Dr, Jacquilin K Joseph, Asst Professor, Govt College of Engineering, Kannur
11. Sri. Gopakumar M, Senior Supdt, LSGD Principal Directorate
12. Smt. Abhaya R J, SCO, Directorate of SS & SC, Trivandrum
13. Sri. Semeer C, Junior Supdt, District Social Justice Office, Trivandrum
14. Sri. Sajikumar B, AE, CE, I & A, Trivandrum
15. Dr. Raveendran S, GIS Specialist, KSDMA
16. Dr. Vijith H, Sr Consultant, KSDMA
17. Sri. Pradeep G S, Hazard & Risk Analyst, KSDMA
18. Smt. Amruth K, Hazard Analyst (Environment Specialist), KSDMA
19. Smt. Chandini P C Senan, Hazard Analyst (Econometrics), KSDMA
20. Smt. Ashna Panicker, Multi-Tasking Officer, KSDMA
21. Dr. Sekhar L Kuriakose, Member Secretary & Head SEOC, KSDMA