

State Level Online Training Program on Forest Fire Management for Nodal Departments, LSGs and other Stakeholders



Kerala State Disaster Management Authority

17th March 2022

11AM – 01 PM

**State Level Online Training Program on Forest Fire Management for Nodal
Departments, LSGs and other Stakeholders**
Training Report

Introduction

The proposal to conduct an awareness program on Forest fire was put forward by Hazard Analyst (Forestry) of KSDMA during the summer of 2022. The idea was discussed in house and it was decided to concentrate on areas with high risk of forest fire and having historical recurrence of forest fire. As LSG wise data on forest fire history was not available with the Kerala Forest Department, archives of NASA were explored to obtain the historical data on forest fires of the country. The data in geo database was cleaned with the help of GIS tools to find out the LSGs with the greatest number of forest fire incidents over the past 12 years. The data was cleaned again to remove false incidents by super imposing with the forest area shape file in GIS interface. The LSGs were ranked in the order of number of forest fire incidents in the last 12 years and top 20 ranked LSGs were selected for conducting the awareness and training program.

Schedule of training

SL No	Topic	Resource Person	Date and Time	
1	Introduction and Objectives	Mr. Nikhil S Hazard Analyst (Forestry), KSDMA	17-03-22	11.00 AM- 11.15 AM
2	Direct and indirect effects of Forest fire in Climate change and disasters	Mr. Muhammed Iqbal A Assistant Professor, Department of Natural Resource Management, College of Forestry, Kerala Agricultural University	17-03-22	11.15 AM – 12.00 PM
3	Practical Management of Forest fire	Mr. S V Vinod Wildlife Warden, Munnar Wildlife Division	17-03-22	12.00 PM – 12.45 PM
4	Discussion	-	17-03-22	12.45 PM – 1.00 PM

The program began by 11 AM on March 17, 2022. Mr. Nikhil S, Hazard Analyst (Forestry) welcomed the participants and resource persons in to the program. He explained the objectives and importance of the session and the process of selecting the participants.

LSGs with the greatest number of fire incidents post 2010			
Sl. No	District	LSG	No. of fire incidents
1	Palakkad	Pudur	1045
2	Idukki	Kumily	722
3	Pathanamthitta	Aruvappulam	587
4	Kollam	Thenmala	454
5	Idukki	Vazhathope	435
6	Thrissur	Pazhayannur	389
7	Kollam	Piravanthoor	385
8	Ernakulam	Kuttampuzha	369
9	Thrissur	Pananchery	342
10	Malappuram	Karulai	313
11	Idukki	Devikulam	304
12	Thrissur	Mattathur	303
13	Idukki	Munnar	292
14	Wayanad	Noolpuzha	291
15	Idukki	Udumbanoor	267
16	Pathanamthitta	Thannithodu	260
17	Idukki	Adimaly	248
18	Idukki	Vattavada	243
19	Kollam	Aryankavu	231
20	Palakkad	Puduppariyaram	222
Total			7702
Source: NASA Archives			

Table.1: LSGs with the greatest number of fire incidents post 2010

Districts with the greatest number of fire prone LSGs		
Sl. No.	District	No. of LSGs
1	Idukki	7
2	Kollam	3
3	Thrissur	3
4	Palakkad	2
5	Pathanamthitta	2
6	Ernakulam	1
7	Malappuram	1
8	Wayanad	1

Table.2. Districts with the greatest number of fire prone LSGs

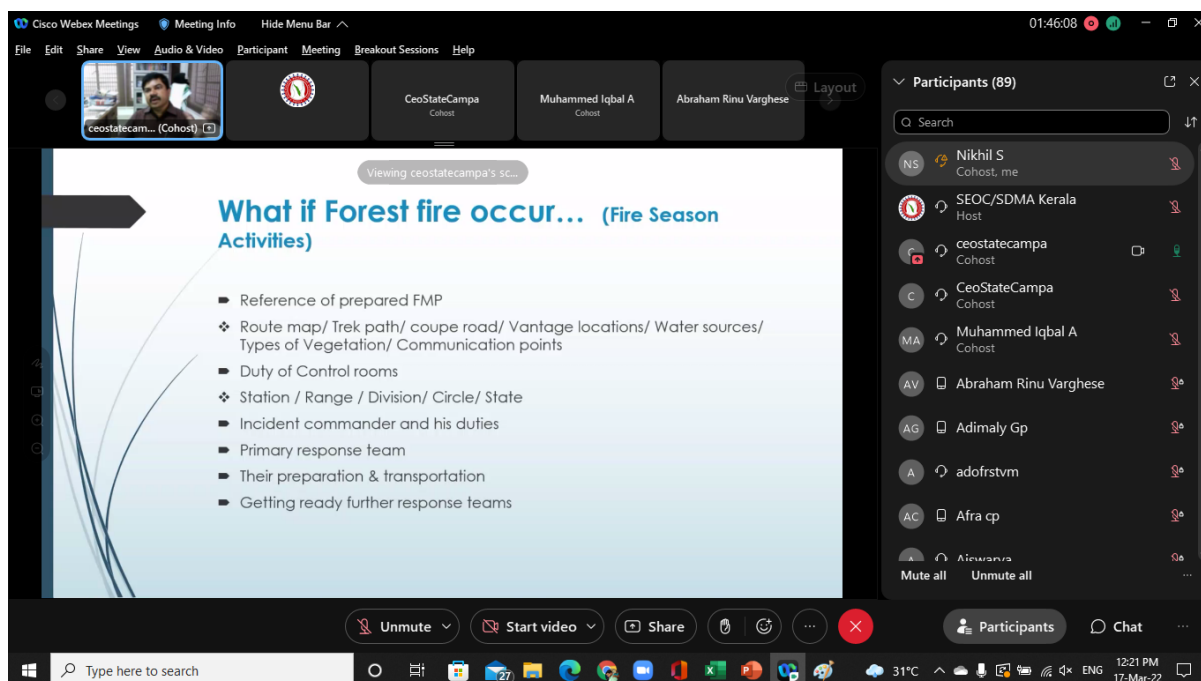


Fig. 1. Online session of practical forest management by Mr. S V Vinod, Wildlife Warden, Munnar Wildlife Division

The first session was carried out by Mr. Muhammed Iqbal A, Assistant Professor, Department of Natural Resource Management, College of Forestry, Kerala Agricultural University on the direct and indirect effects of Forest fire on Climate change. He emphasized on the scientific aspects of forest fire management. The causes, remedies and way forward were discussed in this session. Different case studies of major forest fire were presented to the participants. The session was engaging as well as informative. The second session was handled by Mr. S V Vinod, Wildlife Warden, Munnar Wildlife Division on the practical management of forest fire. As a representative of the Kerala Forest department, Mr. Vinod talked his experiences as a prime respondent in forest fire management. He described how the forest department prepares for a forest fire season and explained different stages in preparation and execution of a forest management plan. Further he emphasized on the involvement of nodal departments and concerned LSG in the management of forest fire. Citizen participation is seen as the future of forest fire management. The session was followed by a discussion from the participants. Participants expressed their gratitude towards KSDMA in organizing such an interesting and informative session. The representative of Kerala Fire and Rescue Services talked about their experiences in firefighting and pointed out the shortcomings such as lack of water availability during firefighting. They proposed the installation of water points at accessible points which has to be the responsibility of LSG and forest department. The elected

representatives of LSGs also expressed their concern in increasing frequency of forest fire and pledged their cooperation in effective management of forest fire.

Mr. Nikhil consolidated the feedbacks and expressed gratitude to all the participants and resource person who made the event a success. The program ended by 1 PM

Annexure -1

Consolidated feedback and rating of sessions and facilities from participants

Sl.No.	Name of Participant	Designation	Session 1 rating (Out of 5)	Session 2 rating (Out of 5)
1	Renjith M.S	Assistant Secretary	4	3
2	Abilash T G	Clerk	5	5
3	Rahul Das S	Clerk	4	5
4	Abdul Khader KA	SGT	4	3
5	Babulal L	Assistant Secretary	4	NA
6	Meherabhanu.K	SCPO 4447	5	5
7	Ashhar Jabbar	LSG DM Plan Coordinator	4	4
8	MuhamedHaries A S	GASI	4	NA
9	sudheesh	clerk	5	5
10	Shaji P Mathew	Sr. Clerk	5	5
11	Abilash T G	Clerk	5	5
12	SARATH K S	CLERK	5	
13	Aswathi P	Hazard Analyst	5	5
14	Rajesh KB	Clerk/Typist	NA	NA
15	SUDHEESH M	CLERK	5	NA
16	Rajesh K R	Junior superintendent	5	5
17	Aswathi P	Hazard Analyst	5	5
18	Sreenidhy Ramachandran	LSG DM PLAN COORDINATOR	4	4
19	Sunilkumar N.C.	Asst.Secretary	4	4
20	Sajeev s	Junior superintendent	4	3
21	PREM G PRAKASH	Hazard Analyst	5	5
22	MuhamedHaries A S	GASI	4	NA
23	Binesh T T	Fire&rescue officer	5	5
24	Ashhar Jabbar	LSG DM Plan Coordinator	4	4
25	Renees Rehman	Clerk	5	5
26	Binoj babu	Selection grade typist	5	5
27	Rajesh KR	Junior superintendent	5	5
28	Rajeev T R	Hazard Analyst	1	1
29	Ashok kumar V M	ERT Cordinater and prerak	2	2
30	Roy M John	Fire Officer	5	5
31	Manchukuttan. P. K	Civil police officer	5	5

32	Prakash k b	Office attendant	5	5
33	Rajeev T R	Hazard Analyst	5	5
34	K R Savithri	Asst.Secretary	4	4
35	Cinil T Alex	Senior Clerk	NA	NA
36	Abilash T G	Clerk	5	5
37	Arun Raj	Special Village Officer	4	5
38	Jayamol K Rajappan	Deputy Tahsildar (H Q)	4	4
39	Shrikumar v	J S	3	3
40	Sajumon N P	Head Clerk, Veliyanloor LSG	4	4
41	MANIKANTAN.S	VILLAGE OFFICER BEEMANADI	1	1
42	Afra cp	LSGDMPC, Malappuram	5	5
43	sudheesh	clerk	5	5
44	Arun Raj	Special Village Officer	4	5
45	Ragi.K.R	Senior civil police officer	5	5
46	Renees Rehman	Clerk	5	5
47	Syam K S	SVO MALOTH	3	3
48	Athira N	Hazard Analyst	4	5
49	Ashhar Jabbar	LSG DM Plan Coordinator	5	5
50	Sam chacko	OA	4	NA
51	Binesh T T	Fire & Rescue officer	5	5
52	Sunny K	Police	4	NA
53	á'€á'>Êœá'œËŸ á'©	CPO 4912	5	5
54	P V Murali	Tahsildar	4	NA
55	ABHILASH C N	Village Officer	4	4
56	Sajumon N P	Head Clerk	4	4
57	Suma ER	Clerk	4	5
58	ATHULYA THOMAS	Hazard Analyst, Kottayam	5	5
59	Dr. Sreeja M U	Hazard Analyst	5	5
60	Deepa R	Clerk	4	4
61	Anna Dayana Joseph	Clerk	4	4
62	Suresh T	Special village officer	NA	NA
63	Shajan Lukose	Fire force	4	NA
64	MANU.K.K	JUNIOUR SUPERINTENDENT	3	3
65	Bini K K	Tahsildar	5	5
66	Arun Peter	Hazard Analyst	5	5
67	KISHORE KHAN M A	DEPUTY TAHSILDAR	4	4
68	Abhilash AC	Village Officer	2	2
69	Shaji	ASI	5	5
70	SUDARSAN K	Village Assistant	5	5
71	Rafeena I P	Office Attendant	4	4
72	Suma ER	Clerk	4	5
73	Asha. M. Kumar	Assistant secretary	4	NA

74	Babu T V	Head Clerk	4	4
75	Bini K K	Tahsildar	5	5
76	Suja mathew	Secretary	3	NA
77	Shine. S	JHI gr 1	4	4
78	Reji s	Civil police officer	5	5
79	Abhilash. R. S.	DEOC Tvm	4	4
80	Aji kr	Fire and Rescue HG	4	4
81	Sreenathan K M	Station officer	5	5
82	Musthafa K M	Senior Clerk	4	3
83	Sheejamol K	Assistant Secretary	5	5
84	KISHORE KHAN M A	Deputy Tahsildar	4	4
85	Rarichan N C	Fire and Rescue	5	5
86	Suma ER	Clerk	4	5
87	Arun C	Village Officer	5	5
88	Joy Thomas	Js- DM section	5	5
89	Jibi Joseph	HG	5	5
90	Satheesan TS	Head clerk	4	4
91	Vasudevan pv	Scpo	5	5
92	KISHORE KHAN M A	Deputy Tahsildar	4	4
93	Dr. Sreeja M U	Hazard Analyst	5	5
94	Unnikrishnan.K.S	VillageAssistant	4	3
95	Vinod CN	Deputy Tahsildar	4	5
96	Anil c phili	Village officer chittarickal	4	NA
97	Rajanish P. R	VFA	5	NA
98	Vasudevan pv	Scpo	5	5
99	Biju k v	Village officer	5	5
100	RADHIKA K	SPECIAL VILLAGE OFFICER	5	5
101	Binesh T T	Fire&Rescue officer	5	5
102	John Richard Thomas	Hazard Analyst	4	4
103	Vishnu vijayakumar	Clerk	5	5
104	Jayesh Kumar	Senior clerk	5	NA
105	Anitha. V. S	Head clerk	4	NA
106	Suja Varghese	Deputy tahasildaar	5	5
107	Ramesan TP	Village officer	4	4
108	Jameskutty Thomas	GSI	5	NA
109	Princy P P	Head Clerk	4	4
110	Sajeendran Puthiya purayil	JS	4	4
111	Ram Mohan B	Senior Clerk	4	4
112	Suresh.O.T	Selection Grade Typist	5	5
113	Santhosh kumar T B	Fire and Rescue	5	5
114	Anil Kumar PG	Fire and Rescue	4	NA

Annexure -2
List of participants

Sl. No.	Name of Participant	Email
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