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## Two Day Seminar-cum-Exhibition on Disaster Risk Reduction for Nava Keralam

3rd & 4th DECEMBER 2018

## Two Day Seminar-cum-Exhibition on Disaster Risk Reduction for Naya Keralam



*Jointly organized by the Kerala State Disaster Management Authority (KSDMA), the United Nations Development Programme (UNDP) and Sphere India*



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## BACKGROUND

Beginning 15 August 2018, the worst floods in the century devastated the southern Indian state of Kerala, killing 483 people and 15 missing<sup>1</sup> forcing over a million<sup>2</sup> to be evacuated into relief camps. The Government of India declared it a Level-3 Calamity, or "calamity of a severe nature". Heavy rains in Wayanad and Idukki districts also caused severe landslides and left the hilly districts cut-off. In the aftermath of the flood relief phase, Government of Kerala through the Department of the Revenue and Disaster Management have worked pro-actively to build back better Kerala. Thus it was prudent to bring together professionals from across the country working on humanitarian assistance and Disaster Risk Reduction to rebuild Nava Keralam

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<sup>1</sup> ["483 dead in Kerala floods and landslides, losses more than annual plan outlay: Pinarayi Vijayan"](#). 30 August 2018. Retrieved 2 September 2018.

<sup>2</sup> ["National Disaster Management Authority on Twitter"](#). Retrieved 22 August 2018.

**Jump up** <sup>^</sup> Babu, Gireesh (17 August 2018). ["Monsoon havoc in Kerala: 324 lives lost since May 29, says CM Vijayan"](#). Business Standard India. [Archived](#) from the original on 17 August 2018. Retrieved 18 August 2018.



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## INAUGURAL SESSION



Figure 1 Prof. NVC Menon presenting Chekutty to Hon'ble Chief Minister, Shri. Pinarayi Vijayan

The two-day seminar-cum-exhibition on Disaster Risk Reduction for Nava Keralam, jointly organized by the Kerala State Disaster Management Authority (KSDMA), the United Nations Development Programme (UNDP) and Sphere India, was inaugurated by the Honorable Chief Minister of Kerala, Shri Pinarayi Vijayan in Thiruvananthapuram. The function

was presided over by the Honorable Minister for Revenue & Disaster Management, Shri E. Chandrasekharan. The Chief Secretary, Shri Tom Jose, the Additional Chief Secretary (Revenue and Disaster Management), Shri P. H. Kurian, the Secretary, Planning and Economic Affairs, Dr. Viswas Mehta, the State Coordinator UNDP, Ms. Annie George, the Member Secretary, KSDMA, Dr. Sekhar L. Kuriakose and the Senior Advisor, Sphere India, Shri Vinod Chandra Menon, along with



Figure 2 Shri. E Chandrasekharan, Hon'ble Minister Revenue & Disaster Management- delivering keynote address

over 220<sup>3</sup> delegates including 45 delegates as Chair, Co-Chair, and Moderators from

<sup>3</sup> List of participants of the Seminar & Exhibition given as **Annex-1**

Government and the civil society organizations working on disaster risk reduction, attended the event as per the seminar schedule<sup>4</sup>.



Figure 3 Additional Chief Secretary (Revenue and Disaster Management) Shri P. H. Kurian, welcoming the delegates.

The Additional Chief Secretary (Revenue and Disaster Management) Shri P. H. Kurian, welcomed the delegates. The hon'ble Minister for Revenue & Disaster Management, presiding over the function, stated that what Kerala faced was one of the worst disasters in the world. Thirty-four lakhs people were evacuated and

1200 relief camps had to be set up. The damages that occurred to the public and private properties were so massive that it will take years to restore normalcy. The Minister lauded the efforts of the Army, the Navy, the Air Force, NDRF, SDRF, the Police and Fire Force, the fishermen and the general public in the relief and rescue operations. As far as rehabilitation and rebuilding are concerned, places where houses cannot be built have to be identified to ensure that the rebuilding process will be disaster-resilient. He hoped that the state would get the support from all corners for mobilization of resources for rebuilding a new Kerala.

The Chief Secretary, in his keynote address, said that a lot of appreciation has been received from various agencies for the crisis management and the way in which Kerala dealt with the floods which happened once in a hundred years. We could manage the situation very well and it could be a model for



Figure 4 The Chief Secretary, Shri Tom Jose delivering the key note address

<sup>4</sup> Schedule of the 2-Day Seminar & Exhibition on Disaster Risk Reduction for NavaKeralam. **Annex-2**



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other countries in dealing with such situations, he said. Now, as the relief phase is over, the question is whether we can maintain the same energy level which existed during the crisis in the rebuilding phase as well. “Build back better” is another challenge as we should enhance the quality levels to a great extent, especially in the building of roads to international standards.

A functional legal framework is needed for the reconstruction of 17,000 houses which were completely destroyed and more than 2 lakh houses that were partially damaged. There is also the question of how to enhance standards. For construction in vulnerable areas, building laws need to be amended. The Chief Secretary also stated that the waste management situation is precarious for which scientific solutions have to be found out to meet future challenges.

The Chief Secretary shared that the natural flow of rivers is often prevented by construction activities in river basins. Citing the example of the construction of a bus station in Vazhathoppu, in Idukki District, the Chief Secretary stressed the need for a River Basin Authority. With regard to the rebuilding activities under Nava Keralam, rebuilding cannot be done via a top-down formula, he added. Since the real sufferers



Figure 5 The Hon. Chief Minister, Kerala Shri Pinarayi Vijayan delivering the inaugural address



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are the people, their perception is very important. He hoped that voluntary agencies would help in finding out solutions.

The Chief Minister appreciated the grit and valour shown by the people of Kerala in facing the disaster and in conducting the rescue and relief operations. The commitment and sincere efforts shown by the government agencies and other voluntary organizations, fishermen and the general public were admiring.

The culture of volunteerism displayed by Kerala society surprised the rest of the world. The Chief Minister attributed the success of the rescue and relief operations to the strong secular mind of the people of Kerala. He also stressed the need for the rehabilitation of the displaced people. Delay in official action should also be avoided, he said. Non-resident Keralites and many other organizations have come forward to offer support in rebuilding Kerala, he added. Those who returned to their homes needed support for cleaning which was done with the mass support of volunteers of various organizations. Financial and technical assistance are needed for displaced people for reconstruction of the completely destroyed houses and the houses which need major repairs. The assistance will be given in two instalments, the Chief Minister said. He added that quick decisions are necessary to rehabilitate the homeless.

The co-operative sector has agreed to build 2000 houses with funds from their Pothu Nanma Fund. The humanitarian intervention of the cooperative sector has been misconstrued by certain quarters. Instead of distributing their profits to their shareholders, they are using the funds for building houses. The rebuilding processes has to be completed within a few months. The Chief Minister appreciated the role of voluntary organizations in the relief phase and in the rebuilding efforts.

The Secretary, Planning and Economic Affairs, Shri Viswas Mehta, who addressed



Figure 6 Secretary, Planning and Economic Affairs, Shri Viswas Mehta addressing the delegates

the gathering, stated that there is no documentation of relief operations. People of Kerala never expected a flood of this size. Eleven districts were affected. This was unlike the floods in Srinagar and Chennai where water receded within one or two days. The State witnessed the



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largest movement of people to the relief camps. The challenges are many, considering the density of the people and the unique climatic conditions due to the presence of 44 rivers crisscrossing the state.

Prof. N. Vinod Chandra Menon, founder member of the National Disaster Management Authority and Senior Advisor to Sphere India, said that 1260 villages in the state were severely affected by the floods and out of 941 Gram Panchayats, 488 were affected. He suggested that



Figure 7 Prof. N. Vinod Chandra Menon, Founder member of the National Disaster Management Authority and Senior Advisor to Sphere India addressing the delegates

efforts should be expedited for the deployment of NDRF in Idukki, Wayanad and Alappuzha districts. Building helipads in these districts may also be considered. A platform for local self-government institutions and NGOs should be created and also measures put in place for ensuring people’s participation, he added. He also mooted the idea of providing early warning systems and setting up of a Community-based Disaster Risk Reduction Task Force. In his concluding remarks, Prof. Menon said that the cultural heritage of the state also needs to be taken into account in all the new

constructions, especially of schools, and they should be compatible for the differently abled.



Figure 8 Ms. Annie George, State Coordinator, UNDP

Annie George, State Coordinator, UNDP, stated that building a resilient Kerala is not an easy task. Construction of completely destroyed houses,

roads, bridges, schools and public buildings have to be taken up. Financial and human support is needed for Kerala’s reconstruction. Use of latest technology is also needed for the materialization of the dream of a better, disaster-resilient Kerala. UNDP has





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taken up many projects for livelihood and shelter in the flood-affected areas, as a first step.

The Member Secretary, KSDMA, proposed a vote of thanks.



*Figure 9 Dr. Sekhar L. Kuriakose, Member Secretary KSDMA proposing the vote of thanks*

## TECHNICAL SESSIONS

Four key technical sessions were held in the 2-Day Seminar-cum-Exhibition on Disaster Risk Reduction for Nava Keralam.

The **technical sessions** in the Seminar were on the following four aspects:

- I. **Volunteer Mobilization**
- II. **Health**
- III. **Livelihoods**
- IV. **Inclusion**

The key discussions and recommendations in the Technical sessions can be mentioned as below.

### **Session 1: Volunteer mobilization**



Speaker - KG Mathaikutty, Executive Secretary, URI South India Regional Office, Kottarakara, Kollam.

Session chaired by Dr. Sekhar L. Kuriakose, Member Secretary, KSDMA. On the dais are Mr. Paniyadima Mathias, Fisherman, Vizhinjam, and Mr. Sarbjit Sahota, Emergency Analyst, UNICEF India Country Office, New Delhi.



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## Key suggestions / issues:

- Volunteer system should be dovetailed with humanitarian values to produce sustained results.
- Leadership quality is to be developed among vulnerable and marginalized.
- Acquiring critical survival skills is extremely important and will prove valuable at times of disaster.
- Community level preparedness should be ensured after proper assessment and mapping of vulnerabilities, hazards and resources.
- Science, experience and planning is our collective strength.

## Recommendations:

- Community based disaster preparedness to be initiated in the state.
- Mapping of the vulnerabilities have to be done for the state.
- Community Based Volunteer Task forces created and capacity built for Disaster Preparedness and Management.

## Session 2: Health



Speaker - Mr. Ravi Ranganathan, Programme Manager, CBM.

Session chaired by Dr. Sarita R.L, Director, Directorate of Health Services, Govt. of Kerala. On the dais are Dr. M R Rajagopal, Pallium India, Dr. Santosh Kumar SS,

Dy. Superintendent, Medical College Hospital, Thiruvananthapuram and  
Dr. Ravikant Singh, Founder Director, Doctors For You.

### Key Suggestions/ issues

- Palliative care to all those who are in need of it can be ensured if a system utilizing the local knowledge of ASHA workers is in place.
- A decentralized system to work in the health sector at least in taluk level should be implemented.
- Proper mapping of possible camp sites and planning would have made the management of camps better. While identifying a camp site, the health workers need to ensure the availability of water, sanitation and other facilities.

### Recommendations:

- Disaster Risk Reduction Planning exercise to be taken up during normal times.
- Mechanism for Inter-departmental coordination for disaster risk reduction has to be put in place.
- Government – NGO – Local civil society collaboration for health care before, during and after any disaster.

### Session 3: Livelihood



Speaker - Mr. Ajith Chacko, Chief Operating Officer (Livelihood), Kudumbashree.



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Session chaired by Mr. N Padmakumar IAS, Rural Development Commissioner and Principal Director, Local Self Government, Kerala. On the dais are Mr. Rajeev V.R, Assistant Rural Development Commissioner, Mr. Chandran Puthiyottil, Swayam Shikshan Prayog (SSP) and Mr. Roy Alex, DRR Advisor, ESAF.

## Key Suggestions

- Three-fold strategy to revise/reinstate the livelihood sector:
  - Address increased poverty levels that have emerged due to disaster through a range of short/medium interventions.
  - Addressing and tapping new economic opportunities.
  - Enhancing capacities of poor people through livelihood promotion and livelihood layers to reduce risk and impact.
- Ensure community and CBO participation in planning livelihood programs and devise a proper coordination mechanism for efficient and sustainable functioning of the system.
- Due emphasis should be laid on aligning livelihood programs according to the strengths of the community and need of the hour.
- Also, we could focus more on empowerment of grassroots women's collectives to move from 'Margin to Mainstream'.



Joe John George, KSDMA

## Recommendation:

- Actions initiated as per the Livelihood Restoration Strategy of Govt. of Kerala.
- Ensure community participation in planning.
- Active participation of community-based organizations for implementing the projects.
- Public private partnership for long term sustainable development
- Proper coordination mechanism.
- Use of local resources for rebuilding Navakeralam.
- Promote skill development and entrepreneurship development programme.
- Ensure sustainable marketing and quality of products.

## Session 4: Inclusion



Speaker: Ms. Ipsita Das, Save the Children India, Response Team Leader.

Session chaired by Dr. K Ravi Raman, Member, Kerala State Planning Board, Govt. of Kerala. On the dais are Smt. N K Jaya, Former Director, Kudumbasree, Mr. Ajay Kumar from RIGHTS – NCDHR, Mr. Biju Mathew Director & State Head (Kerala), Help Age India and Mr. Sabith Umer, Secretary from Thanal.

### **Key suggestions/ issues:**

- Attempts should be made to revise and update the statistical data pertaining to the number of People with Disabilities and other vulnerable groups in our state since that forms the basis of the programmes and schemes that are rolled out for their benefit.
- Humanitarian actors should diversify emergency response workforces at the regional and local levels to reflect the diversity in local population.
- Existing public places which are accessible to People with Disabilities and other vulnerable sections should be identified and mapped. Further, the improvements in this direction should be promoted.



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- Programmes focusing children’s rights, learning, protection and well-being should be implemented.
- Rather than working for elders, working with elders will ensure better inclusion and outcomes.
- Issuing disaster warnings in sign language will ensure that it reaches the deaf people as well.

### **Recommendations:**

- Early warnings for disaster in electronic media should also be in sign language.
- Vulnerable, marginalized and People with Disability are to be mapped in each ward/division to ensure that they are not missed out.
- R&D for the search and rescue of PWDs; Accessible public places and Mechanisms to find the abandoned people.
- Government agencies to collect and use disaggregated data including information on marginalized groups defined by gender, caste, ethnicity, age and disability.
- Establishing of village level information systems to enable the timely flow of information on Government schemes to vulnerable and excluded populations, and the articulation of the needs of vulnerable groups to the district administrators.
- Establishing complaint mechanism through Help Desks or complaint boxes placed in intervention areas to allow beneficiaries to report or complain of discrimination or any other issues.
- Provision of legal aid to victims of human rights violations based on caste, ethnicity or gender.
- Child rights focused informed and Child Led Emergency Preparedness.





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- Age Friendly Kerala through Local Self Governments (LSGs)
- Vayojana Sevana Kendram as “Service Delivery Model”
- Elders Self Help Groups (ESHG) as “Mobilization Model”

## **Session 5: Water and sanitation**



Speaker: Mr. Vikrant Mahajan, CEO, Sphere India.

Session chaired by Smt. Tinku Biswal IAS, Secretary, Water Resources and CSIN, Govt. of Kerala. On the dais are Ms. Neha from Oxfam India, Mr. Paul, RedR India, and Dr. Jacob Arikkupuram, Director, Doctors For You (DFY).

### **Key suggestions/issues**

- Absence of a comprehensive water quality surveillance system needs to be addressed. Since it is an institutional gap as of now.
- Community resilience was observed to be the greatest contributor to mitigating WASH risks post flood.
- In the tentative plan of action of IWRM, setting up of a River basin authority is in the planning stage.
- Revision of existing IWRM legislations is also recommended.
- Capacity building of communities on emergency water quality and sanitation was found to be important.
- Twin pit model of sanitation facilities over septic tanks are encouraged in waterlogged areas.



## Recommendations:

- Revision of existing IWRM legislations.
- Area specific WASH planning and measures to be adopted.
- Construction of new water filtration systems.
- Rehabilitation of existing water sources (Dewatering and Chlorination with minor repairs)
- Public health promotion (Community and School level)
- Risk Informed Development Planning

## Session 6: Housing and shelter



Speaker: Ms. Eilia Jafar, Board Member, Sphere India.

Session chaired by Prof. Janki Andharia, Centre for Disasters and Development, Jamsetji Tata School of Disaster Studies, Mumbai. On the dais are Dr. Manoj Kini, Associate Professor, Dept. of Urban Design, College of Engineering Thiruvananthapuram & Programme Incharge, Urban Design, Mr. Basheer Usman,



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Vice Chairman, Thanal Vatakara and Mr. Rahul Leslie, Dy. Director, Buildings Design, Office of Chief Engineer (Designs), PWD, Govt. of Kerala.

### **Key suggestions/ issues:**

- Rampant development that happens in ecologically sensitive areas needs to be checked.
- An approach to implement housing projects considering the various hazard risks that the areas are prone to needs to be brought in. Also, the possibility of alternate construction materials needs to explore.
- In houses located in areas prone to disasters, safe construction practices and building elements which enhance the performance of buildings need to be studied and implemented according to the building codes and specifications.
- Change has to begin from the individual when it comes to sustainability of construction. Educating people on alternative housing technologies like prefab structures are worth considering.

### **Recommendations:**

- Preserving the fragile eco-system along with infrastructure development.
- Site specific design codes to be developed.
- Disaster management perspective land use plan
- Region specific carrying capacity identification and settlement distribution.
- Region Specific Development Plans
- No building zones specifically mentioned and reserved. Example of floodplains
- Specific Building Guidelines for Specific disaster zones.
- Sustainable and renewable construction methods.
- New material palette (Example- Prefab)
- Flood Insurance schemes:
- Risk based Development Screening: Screening of Development Projects
- Regulation for activities on floodplains
- Nature based investment rather than infrastructure based: Sponge City
- Appropriate Reinforcements during construction in the seismic zones of the state.



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## EXHIBITION ON DISASTER RISK REDUCTION FOR NAVA KERALAM



An exhibition was also organised during the 2-Day event in Chandrasekharan Nair Stadium, Thiruvananthapuram. This showcased the commendable work of several humanitarian organisations during the Kerala Floods -2018 who came forward and set up their stalls in the Exhibition on Disaster Risk Reduction for Nava Kerala.

[Kerala State Disaster Management Authority - KSDMAUNDP in India](#) and [Sphere India](#). [Oxfam India](#) [Save the Children India](#) [ESAF](#) [#SSP](#) [Doctors For You \(DFY\)](#) [Ravikant Singh](#) [CBM International](#) [Pallium India](#) [GOONJ](#) [#Skymetweather](#) [#StravaTechnologies](#)[#IdealReliefWing](#) [HelpAge India](#) [Caritas India](#) [Thanal Trust](#) [Qkopy](#).

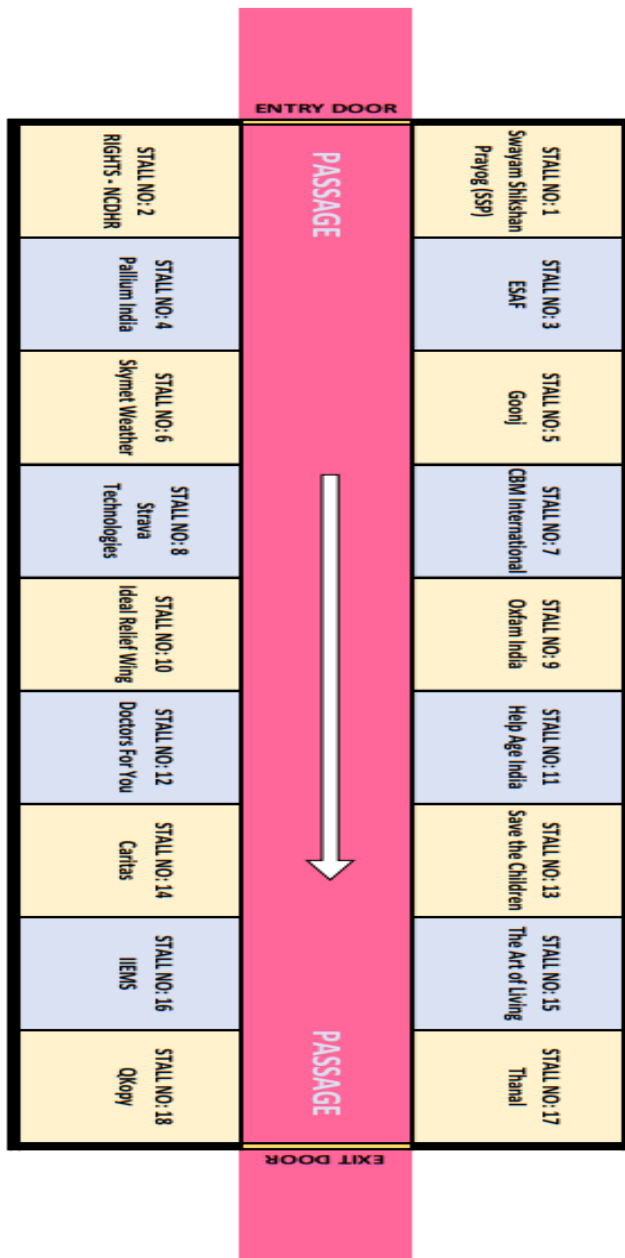


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The Exhibition Lay out is shared below:



Disaster Risk Reduction for Nava Kerala  
Exhibition Stall Layout

# ANNEXURES

1. List of participants of the Seminar & Exhibition. Link:  
<https://drive.google.com/open?id=1dnoH-NCKsaZW24T1TFdKRAGSnlVbXpM0>
2. Schedule of the 2-Day Seminar & Exhibition on Disaster Risk Reduction for Nava Keralam.



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## Schedule

Two day Seminar cum Exhibition on Disaster Risk Reduction for Navakeralam  
Jointly Organized by: KSDMA, UNDP & Sphere India

Venue: 1<sup>st</sup> Floor, Olympia Chambers, Chandrasekharan Nair Stadium, Thiruvananthapuram  
Dates: 3<sup>rd</sup> & 4<sup>th</sup> December 2018

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Inaugural Session – 11:30am, 3<sup>rd</sup> December 2018, Monday

Time	Programme
11:30 – 11:35	Welcome Address  Shri. P. H. Kurian IAS Additional Chief Secretary, Revenue & Disaster Management, Government of Kerala
11:35 – 11:50	Presidential Address  <b>Shri. E Chandrasekharan</b> Hon'ble Minister of Revenue, Housing and Disaster Management, Government of Kerala
11:50 – 12:00	Keynote Address  Shri. Tom Jose IAS Chief Secretary, Government of Kerala
12:00 – 12:15	Inaugural Address & Release of Handbook on Safe Construction Practices  <b>Shri. Pinarayi Vijayan</b> Hon'ble Chief Minister of Kerala
12:15 – 12:25	Address  Dr. Vishwas Mehta IAS Additional Chief Secretary, Planning & Economic Affairs, Govt. of Kerala
12:25 – 12:35	Address  Dr. V Venu IAS CEO, Rebuilding Kerala Initiative, Govt. of Kerala.



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<b>12:35 – 12:45</b>	Felicitation  Prof. N Vinod Chandra Menon Founder Member of National Disaster Management Authority, Government of India (Senior Advisor, Sphere India)
<b>12:45 – 12:55</b>	Felicitation  Smt. Annie George State Project Coordinator, UNDP Kerala
<b>12:55 – 13:00</b>	Vote of Thanks  Dr. Sekhar L. Kuriakose Member Secretary, Kerala State Disaster Management Authority, Government of Kerala
<b>13:00- 14:00</b>	Lunch

## Technical Sessions

<b>Day 1   3<sup>rd</sup> December 2018</b>	
<b>14:00 – 15:30</b>	<b>Session 1   Volunteer Mobilization</b>  Chair Dr. Sekhar L. Kuriakose, Member Secretary, KSDMA Co-Chair Shri Sarbjit Singh Sahota, Emergency Analyst, UNICEF India Country Office, New Delhi  <b>Speakers:</b> 1. Shri Paniyadima Mathias, Fisherman, Vizhinjam 2. Shri Mathaikutty, URI, Kottayam
<b>15:30 - 16:00</b>	Tea
<b>16:00 – 17:00</b>	<b>Session 2   Health</b>  Chair Dr Sarita R.L, Director, Directorate of Health Services, Govt. of Kerala Co-Chair Dr. Ravikant Singh, Founder Director, Doctors For You  <b>Speakers:</b> 1. Dr M R Rajagopal, Pallium India, Thiruvananthapuram (Keynote) 2. Dr Santosh Kumar SS, Dy. Superintendent, Medical College Hospital, Thiruvananthapuram 3. Shri. Ravi Ranganathan, CBM
<b>17:00 - 17:30</b>	Discussion
<b>Day 2   4<sup>th</sup> December 2018, Tuesday</b>	
<b>10:00 – 11:15</b>	<b>Session 3   Livelihoods</b>  Chair Shri N Padmakumar IAS, Commissioner, Rural Development Department & Principal Director, LSGD, Govt. of Kerala Co-Chair Shri Hari Kishore IAS, Executive Director, Kudumbasree, Government of Kerala  <b>Speakers:</b> 1. Shri Rajeev V R, Assistant Development Commissioner, RDD, Govt. of Kerala 2. Shri Ajit Chacko, Chief Operating Officer, Kudumbasree 3. Shri Chandran Puthiyottil, Swayam Shikshan Prayog (SSP), Pune
<b>11:15 – 11:30</b>	Tea



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<b>11:30 – 12:30</b>	<b>Session 4   Inclusion</b>  Chair Dr. K Ravi Raman, Member, Kerala State Planning Board, Govt. of Kerala Co-chair Smt. N K Jaya, Former Director, Kudumbasree  Speakers:  <ol style="list-style-type: none"><li>1. Shri. Sabith Umer, Secretary, Thanal</li><li>2. Shri. Ajay Kumar, RIGHTS and NCDHR</li><li>3. Smt. Ipsita Das, Save the Children India</li><li>4. Shri. Biju Mathew, Help Age India</li></ol>
<b>12:30 – 01:00</b>	Discussion
<b>01:00 – 02:00</b>	Lunch

<b>02:00 – 03:00</b>	<b>Session 5   Water &amp; Sanitation</b>  Chair <b>Smt. Tinku Biswal IAS, Secretary, Water Resources and CSIN</b> Co-Chair <b>Mr. Vikrant Mahajan, CEO, Sphere India</b>  Speakers:  <ol style="list-style-type: none"><li>1. Smt. Domaki &amp; Neha, Oxfam India</li><li>2. Shri Paul, RedR India</li><li>3. Dr. Jacob Arikkupuram, Director, Doctors For You</li></ol>
<b>03:00 – 04:00</b>	<b>Session 6   Housing/Shelter Interventions, Best Practices</b>  Chair Shri M. Sivasankaran IAS, Secretary to Chief Minister, Government of Kerala Co-Chair Ms Eilia Jafar, Board Member, Sphere India  Speakers  <ol style="list-style-type: none"><li>1. Dr Manoj Kini, Associate Professor, Dept. of Urban Design, College of Engineering Thiruvananthapuram &amp; Programme Incharge, Urban Design. (Keynote)</li><li>2. Shri Rahul Leslie, Dy. Director, Buildings Design, Office of Chief Engineer (Designs), PWD, Govt. of Kerala.</li></ol>
<b>04:00 – 04:30</b>	Discussion
<b>04:30 - 05:00</b>	<b>Valedictory Session</b>  Valedictory Address Shri Cherian Philip, Coordinator, Nava Keralam Karma Padhadhi, Govt. of Kerala.  Chair Dr. Sekhar. L. Kuriakose, Member Secretary, KSDMA Vote of Thanks Vikrant Mahajan, CEO, Sphere India

Please send your feedback & suggestions of the programme to [navakeralamdr@gmail.com](mailto:navakeralamdr@gmail.com)