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## Background

From cyclones causing flooding and earthquakes causing loss of property, fire causing loss of resources to explosions causing damage and other extreme events, disasters both natural and industrial are creating their impact around the world. Counting from FANI in Orissa, floods in Kerala, Hurricane Dorian, Indonesia forest fire, Vayu in Gujarat and more there was loss of life and property. The need is for comprehensive understanding of these probable incidences, preparedness mechanisms and damages caused by them to communities, public sector enterprises and industries. In this context, iCONEX Exhibitions Pvt Ltd which is an international event organization, promoting Health, Environmental, Safety and Sustainability Initiatives globally, has taken a step ahead towards disaster management and building a sustainable future. Understanding the need of global platform to discuss the preparedness of our government, public sector, industries and other stakeholders against the destruction caused by natural and industrial disasters, Global Inclusive Disaster Management Conference (GiDMC) has been planned. Now the two successful editions have been completed creating awareness and knowledge sharing between stakeholders.

## Snapshots

### 1<sup>st</sup> Edition

3 Plenary Sessions

8 Technical Sessions

8 Countries

15 Exhibitors

25 Partners

60+ Speakers

10 Sponsors



### 2<sup>nd</sup> Edition

4 Plenary Sessions

12 Technical Sessions

10 Countries

18 Exhibitors

70+ Partners

80+ Speakers

15 Sponsors

The 1<sup>st</sup> edition of Global Inclusive Disaster Management Conference (GiDMC) was held in 2018 with the theme: **“Managing Disaster Risks for Resilient Future”**. The conference focused on the broader concept of disaster management. It was mainly concentrated on mainstream Disaster Risk Reduction in different sectors of industries, household, corporates, government etc.

The 2<sup>nd</sup> edition on 1<sup>st</sup> and 2<sup>nd</sup> July with theme of **“Towards Resilient Future: Preparedness, Response, Recovery and Mitigation”** came with the idea of analysing disaster management with all perspective and having a deep understanding of every phase of the disaster. The conference went into talking about how every individual, sector and every organisation has something to contribute in every step of the disaster and an inclusive thinking can help us attaining our goal of a resilient future.





## Discussions

- Humans are responsible for the increased frequency and intensity of the disasters and as it affects every individual, it is everyone's responsibility of managing it.
- Locals are the first line of action, so there is a requirement for strengthening of local capacities and local leadership. There is a need for multi stakeholder approach with everyone to have a common agenda, mutual trust and confidence.
- Talking about Nepal Earthquake, 2015 which also affected a large part of North India, It was conferred how North India is vulnerable to earthquakes and rapid urbanisation is only going to increase the effect of any disaster like earthquake.
- Building Better Before is better than Building Back Better highlighting urbanisation has been increasing rapidly over the years and it becomes important to have a structure for resilient cities and including the preservation of natural habitat as the part of resilient future.
- Laws need to be made and old ones need to be re-evaluated for a sustainable future but also enforcement of these laws is important.
- It was mulled over about women and children playing a major role in the disaster management and how it is important to empower them.
- Volunteers have contributed in disaster management for a long time, it was conversed about how there is a need for trained locals who can act as the first line of action.
- Separate discussions around recent disasters like FANI Cyclone 2019 talked about how the collaboration of different global communities reduced the impact of the cyclone on people. Though there was a decrease in the loss of the lives of people during the recent Fani cyclone as compared to the cyclone of 1999 but the loss of livelihood of people have been devastating, which needs to be looked into.
- Technology plays a major role in disaster management. Some of them like the early warning systems, drones, ground sensors, apps, GIS, AI are just a few examples of it and how they help in collecting data for making a plan for mitigation, relief and recovery.
- Major global agreements like Sendai Framework, Paris agreement, Sustainable Goals are there to combat climate change, it was talked about how it is important to put these agreements in action.
- It was talked about how with the increase in the collapse of large concrete structures due to both man-made and natural disasters Urban Search and Rescue (USAR) becomes an important phenomenon and survival depends on time between disaster and rescue and the deeper you go the more specialisation is required, so USAR comes into effect as it is a highly technical activity.
- Effective disaster management is required in preventing and mitigating the damage caused by the industrial disasters.





## Conclusions

- It is important to strengthen the community for every phase which will help in reducing the impact of the disaster in lives.
- Disaster should be looked as an emergency and it is necessary to be ready to combat the destruction it brings.
- Climate change has become an important aspect of life and there is a need to adapt to the changes it brings and work towards a sustainable future.
- Even before looking into the relief and recovery, it is essential to focus on prevention and preparedness for the disaster as it will reduce efforts for the later stages of disaster and will help build a strong infrastructure for when the disaster occurs.
- In the last few years, the rapid development of technology has given a base for preparing for the disaster before it strikes.
- All the sectors of the society have to work together in order to have an effective Disaster Management Plan and implementation of the same. There may be improvement in disaster management, but there is a long way ahead to reach to point of counting every single life and saving the entire economy and livelihood of the people.

## Recommendations

- Integrated Risk Management & Climate Change adaptation should be included into regular development program of local communities
- The locally led organisations are the primary responders and therefore, should get more Global Humanitarian Assistance than what they receive now
- Traditional Panchayat should have equity and coping mechanism with Early Warning Systems
- A framework for the management of different assistance is required. There is a need for efficient work of regional network with multilateral donors. Quick response is important.
- Inclusion of all the sections of the society including the children, women, disabled in the framework of Disaster Management is important
- The private sector also has started contributing but it needs to also focus on pre disaster phase of prevention, preparedness and mitigation. Private sector needs to step up and invest in innovations for resilient economies and social development
- A resilient city should be compact and dense and should have an efficient transport system. City itself should be able to manage the crisis
- There is a need to look into mending the physical injuries but also make sure to look forward to improve mental health of the disaster victims. It is important to be there for the people during the recovery period
- Laws need to be made according to the different situation of the different areas and they need to be understandable to the general people
- It is important to make use of the advanced technology
- Industries should have an action plan for the secured placement of the hazardous materials and for the response and recovery after a disaster occurs. There are national and international codes that should be followed and laws need to be evaluated with taking industrial disaster as a particular type of disaster
- Need to organise volunteers into groups to facilitate training and deployment scientifically to support affected communities



## Action Items

Global Inclusive Disaster Management Conference 2019 focused on spreading awareness to individuals and the steps that needs to be taken by different organisations including Corporates and Government. It is essential to learn from previous experiences and lay out the changes in our day to day activities to be able to move forward with saving more lives and their livelihoods.

It has continuously been said that only talking about the situation is not going to change anything, to actually make a difference, there is a need to take action upon what all has to be introduced and modified. It is also in the hands of people to enforce the laws and take part in achieving the goals that are being set. GiDMC aimed at sending a message in the society about the importance of Disaster Management and how it is essential to bridge the gap between the advanced technology and its usage and to have an integrated thinking for Preparedness, Response, Recovery and Mitigation. This conference has acted as a platform for all the sections of the society to express their scenarios and views take the new learnings with them and apply them at their level. As actions, GiDMC plans the following with different stakeholders:



Stakeholders	Plan of Action
NGO's	<ul style="list-style-type: none"> <li>Partnering with NGO's for relief and response activities at time of disasters through a roster</li> <li>To spread awareness, information and ensure preparedness about Disaster Preparedness and Mitigation</li> <li>Immediate, intermediate and long term strategic involvement plans on priority concerns</li> </ul>
Public Sector	<ul style="list-style-type: none"> <li>Capacity building and training to the HSE professionals</li> <li>Workshops and seminars for knowledge building, learnings and sharing experiences</li> <li>Helping in the preparedness and safety of the employees for the disasters</li> <li>Investment in community based DRR under CSR support</li> </ul>
Social Groups/ Networks	<ul style="list-style-type: none"> <li>Partnering with social groups / networks to support in the relief &amp; recovery phase after the disaster by providing psychological support, Aid and help in restoring livelihoods</li> </ul>
NDMA	<ul style="list-style-type: none"> <li>Making policies, plans and schemes based on recommendations by experts from the sector</li> </ul>
State Government	<ul style="list-style-type: none"> <li>Involving with states to prepare the state disaster management plans, humanitarian response coordination and supplement the emergency aid</li> </ul>
SDMA	<ul style="list-style-type: none"> <li>Preparing vulnerability index and need assessment reports on different state risk index</li> <li>Preparing plans for resilience building in smart cities process and build back better with infrastructure when the disaster occurs</li> </ul>
Private Sector	<ul style="list-style-type: none"> <li>Promoting technology uptake and adoption among different customers</li> <li>Creating networking opportunities with different government and public sector organisations</li> <li>Facilitation of knowledge based platforms for holistic learnings</li> </ul>
Volunteers	<ul style="list-style-type: none"> <li>Volunteers to be trained on specific responsibility to execute emergency response at ground zero</li> <li>Basic resource support to roster volunteers for real time information's management</li> </ul>
GiDMC	<ul style="list-style-type: none"> <li>Strategy for partnering with Corporate, NGOs and Volunteers for taking up preparedness and humanitarian response</li> </ul>

## Way Forward:

Global Inclusive Disaster Management Conference intends to bring the full report for the 2019 edition in English language. The report will be shared with all the stakeholders and the participants. This is the short version of the report, just highlighting the outcomes of the event.

With the message “Stay Safe and Stay Secured”, GiDMC moves forward to host their 3<sup>rd</sup> Edition in July 2020 in New Delhi. The objective is to take forward the idea of managing disasters and preparing ourselves for disaster risk reduction globally. Understanding the risks and vulnerability of disasters to the nations, we plan to host GiDMC in Middle East and United States of America to study and highlight the issues and advancements in disaster management in different nations.

At the ground level, GiDMC plans to work for response and mitigation for disasters. It includes funds and resource mobilisation, humanitarian aid activities, research and assessment reports and surveys.

The advisory board, steering committee members, technical committee members and organisers of GiDMC come together to encourage and establish this platform as one end solution for the disaster management stakeholders to discuss, network, find solutions, capacity building, discover and implement . It's an appeal to all to join hands with this initiative to effectively address the agenda of safe and secure life from disasters.

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