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Disaster Risk Reduction for Sustainable Livelihood Security



Disaster risk reduction is the concept and practice of reducing disaster risks through systematic efforts to analyze and reduce the causal factors of disasters. Current study estimates that by 2030, the world could experience more than 500 disasters per year. About 75% of extreme weather events are caused by climate change. In particular it is fueled by carbon emissions. The 2011 earthquake in eastern Japan killed many disabled people. A UN estimate found that 90% of deaths in developing countries were caused by weather and water

hazards from 1970 to 2019. Sudden disasters displace millions of people every year. Development activities may increase industrial hazards, leading to environmental emergencies and severe pollution events. Creating a map for disaster risk reduction can help identify other global agendas and unattainable goals, including the Sustainable Development Goals, the Paris Climate Agreement, the New Urban Agenda, and the Biodiversity Agenda. Every year 13th October is observed as International Day for Disaster Risk Reduction. The day was launched in 1989 at the call of the United Nations General Assembly to promote a global culture of risk-awareness and disaster reduction. In 2015, the Third UN world Conference on Disaster Risk Reduction in Sendai, Japan called for urgent strengthening of capacities at the local level to deal with disaster. The main objective of the Disaster Reduction Day is to raise awareness about how people and communities around the world can cope with disasters and the importance of managing those risks. Raise awareness of environmental risks, support and strengthen environmental mainstreaming in development and risk reduction policies and action. Improve coordination between civil society and government agencies in implementing DRR programs and government policies. Develop ecofriendly technologies it is essential for environmental sustainability. Collect detailed information on disaster events and use them to develop study plan methods. In particular, it is necessary to prioritize studies that have the potential to improve the tools necessary for early detection of disaster events. Universities, research institutes, colleges and other relevant centers should be involved in this. In the event of a hazard or disaster, it is essential that the community be provided with a process of establishing advance arrangements, technical support, tools and training to implement a timely, effective and appropriate plan. Disaster risk management mechanisms need to be strengthened by first understanding the existing or impending disaster risks. Among South Asian countries, India is the most vulnerable country to disasters due to its diverse and vulnerable geo-climatic nature. It is imperative to learn lessons from the impacts of past disasters. As a common but determined citizen of India, we can start today to contribute our little bit by whatever means/instruments we may be in whatever position we are in. It is the duty of each and every one of us to create enough awareness among our people to repair and preserve the damage caused during times of calamity especially economic mental and physical damage.

Editor, IJONS

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