



Webinar Report

On

**EROSION LED DISPLACEMENT: UNFOLDING CHALLENGES &
SOLUTIONS.**

Date: 12th February 2021

Time: 3:00 pm – 5:00 pm



NATIONAL INSTITUTE OF DISASTER MANAGEMENT

MINISTRY OF HOME AFFAIRS.

GOVERNMENT OF INDIA

CONTENTS

BACKGROUND	3
About NIDM	6
Objectives	7
PROGRAMME DETAILS	7
LEARNING METHODS	7
CERTIFICATE	8
Programme Team	8
Programme schedule.....	9
Speakers Profile.....	10
Key Takeaway by Speakers	11
List of Participant.....	13
Poster.....	23

Gradual and long-lasting hazards like drought or processes of environmental degradation such as soil erosion tend to act indirectly as stressors on living conditions. Studies on environmental degradation and climate change show a vicious cycle of human insecurity generating vulnerability to environmental change and hazard; the impacts of which undermine livelihoods and capacity to adapt and survive future threats (Blaikie et.al. 2003). Internal migration and displacement are the direct consequences of this vulnerability. The communities displaced within the borders of their country are technically, internally displaced persons [IDPs] and therefore are to be protected and assisted in accordance with the UN's Guiding Principles on Internal Displacement, the prevailing normative framework globally.

The UN Guiding Principles for Internal Displacement, 1998 provides a functioning definition. As per the guiding principles, internally displaced persons or IDPs are: "Persons or groups of persons who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of or in order to avoid the effects of armed conflict, situations of generalized violence, violations of human rights or natural or human-made disasters, and who have not crossed an internationally recognized State border"

As per the Global Report on Internal Displacement [GRID] for 2018 of Internal Displacement Monitoring Centre [IDMC], 18.8 million new displacements associated with disasters in 135 countries were recorded in the year 2017; and as in previous years, those with high disaster risk in South Asia, East Asia and Pacific and the Americas were disproportionately affected. Weather-related hazards triggered majority of the new displacements, with floods accounting for 8.6 million, and storms, mainly tropical cyclones, 7.5 million. 31,000 people a day were recorded to be internally displaced by disasters across Asia in 2017. Hazards such as storms and floods displaced 11.4 million people during the year in total.

Though displacement is always found to have been triggered by sudden onset disasters, economic and social factors like the availability of resource base, social networks and scope of livelihoods earning have been the deciding factors for migration. Chronic and long-term adverse effects of extreme weather event also force people to migrate, especially during the post disaster response and recovery, broadly that of the governance mechanism, fail to respond to the situation.

In South Asia, the worst-affected countries were India, Bangladesh and Nepal respectively, all of them associated with hazards such as floods and landslides triggered by the monsoon season in the region¹. The number of newly displaced people in India exceeded 600,000 in 2007². A decade later, as per GRID 2017 (based on data of 2016), India occupied the third position in this list with 2,400,000 new IDPs. Most of these displacements were associated with monsoon floods in Bihar—the fourth largest disaster displacement in the world last year; with more than 1.6 million displacements between mid- July and October³. In 2018, new displacements in the country due to disasters stand at 1,346,000⁴ out of 1,424,000 new displacements for the year 2017. 2018 is the twentieth year of the UN Guiding Principles on Internal Displacement. However, even as of this date, India is not a signatory to this international framework addressing concerns of IDPs from human rights framework.

In Assam, a North eastern state of India, the Brahmaputra river's bank erosion has wiped out, and continues to wipe out, large areas including human settlements, productive crop land and reserve forest area. Riverbank erosion destroys an annual average of about 8,000 hectares of riparian land along the Brahmaputra (Water Resources Dept.,GoA). In 2014, for example, the northern and eastern parts of India suffered a number of large- scale disasters caused by exceptionally heavy rains, riverine floods and soil erosion. 367,000 people were displaced primarily due to river-bank erosion in 2014 (IDMC, 2015) in Assam. As per the official website of the Assam State Disaster Management Authority [ASDMA], a total landmass eroded since 1954 is approximately 38, 6476 Hectares; which means approximately 7% of the land in the state's 17 riverine districts has been lost due to river erosion in the last 50 years.

Regarding internal displacement and disasters, the Indian state has two regulations that addresses different aspects of the problem – The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act [LARR] 2013 outlines the process to be followed when land is acquired for a public purpose. This act and its provisions are intended to ensure a participative, informative and transparent process for land acquisition for industrialization, infrastructural development and urbanization⁵. Second is the Disaster Management Act [DM Act] of 2005. This act is to provide for the effective management of disasters and for matters connected therewith or incidental thereto; provide rehabilitation and reconstruction assistance to the victims of any disaster. This act does not specify the types of disasters it covers nor does it speak explicitly about the effects and situations brought by the

disasters, to which the act shall extend⁶. River-bank erosion, as per this Act is not an officially designated disaster.

Third wave of floods in the year in Assam; and as of 19th August 2017, the number of where 54,982 people had taken shelter and another 1,200 people were evacuated to safer places. This was caused by the affected people was 2.2 million in 16 districts of the state of Assam. The LARR Act 2013, hence, does not consider internal displacement in relation to disasters; whereas the DM Act 2005 does not include internal displacement and provisions to be made available for the internally displaced people due to disasters.

However, as stated by the figures above, internal displacement is a reality in the context of disasters in India. Riverbank erosion is not a disaster as per the Act. However as per the Assam State DM Policy (2010), it is a local disaster to the state of Assam. Nonetheless, the State government uses the national DM Act's lack of recognition of RBE as a disaster to not provide RBE effected people with relief and rehabilitation (Baruah 2016). The people displaced in the context of riverbank erosion or 'disaster-displaced citizens' are therefore not identified as 'especially affected groups' or IDPs. This essentially bars these people from accessing any associated entitlements and rights; provided by the state as well as various actors which otherwise would aid in building their resilience level.

According to Intergovernmental Panel on Climate Change (IPCC) 1990 reported that climate change has greatest impact on human migration causing displacement millions of people by shoreline erosion, coastal flooding and agricultural disruption.

Several cases of displacement due to climate change have been reported in recent years. For example, The Telegraph (2006) reported that submergence of the Lohachara Island in India's Sundarbans has led people to move to the nearby Sagar Island. Recently in the Mahanadi delta, the state government of Odisha is resettling 571 families due to severe coastal erosion in the Kendrapada district. Over the years many villages have lost their land to the sea. Approximately 32% of India's coastal area will be at risk of inundation with sea level rise and intensified storm surges along with an additional 76,40,416 people at risk of storm surge and sea level rise.

Children are a particularly vulnerable group of migrant and displaced populations, especially under irregular conditions. (UNICEF) Nearly 160 million children are living in areas of high or extremely high drought severity, most of whom live in Africa and Asia. The extreme weather

events – flooding, building collapse, and more – pose unique threats to young bodies and minds and climate change worsens each of these risks, it is children who will suffer most. Children will also feel these effects longer than adults.

Although, internal displacement is an emerging issue in the context of Climate change, Indian polices have hardly moved beyond disaster management and relief activities. The State Action Plan on Adaptation in various states have hardly addressed the issue of internal displacement in India, nor there is any comprehensive laws at national level to consider the safety and rights of internally displaced people due to climate related disasters.⁷

ABOUT NIDM

National Institute of Disaster Management (NIDM) was constituted under an act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. The efforts in this direction that began with the formation of the National Centre for Disaster Management (NCDM) in 1995 gained impetus with its re-designation as the National Institute of Disaster Management (NIDM) for training and capacity development. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management. Both as a National Centre and then as the National Institute, NIDM has performed a crucial role in bringing disaster risk reduction to the forefront of the national agenda. The Institute believes that disaster risk reduction is possible only through promotion of a "Culture of Prevention" involving all stakeholders. The Institute works through strategic partnerships with various ministries and departments of the central, state and local governments, academic, research and technical organizations in India and abroad and other bi-lateral and multi-lateral international agencies. NIDM is proud to have a multi-disciplinary core team of professionals working in various aspects of disaster management. In its endeavour to facilitate training and capacity development, the Institute has state-of-the-art facilities like class rooms, seminar hall and video-conferencing facilities etc. The Institute has a well-stocked library exclusively on the theme of disaster management and mitigation. The Institute provides training in face-to-face, on-line and self-learning mode as well as satellite based training. In-house and off-campus facet-face training to the officials of the state governments is provided free of charge including modest boarding and lodging

facilities. NIDM provides Capacity Building support to various National and State level agencies in the field of Disaster Management & Disaster Risk Reduction. The Institute's vision is to create a Disaster Resilient India by building the capacity at all levels for disaster prevention and preparedness.

OBJECTIVES

This Erosion Led Displacement: Unfolding Challenges of Recovery & Solutions is intended for officials of State level sectoral departments, Administrative Training Institutions and civil society practitioners, Disaster Management leaders and officer and stakeholders of migrant labours to understand the Covid-19 Impact on migrant labours and their family members.

- To understand the impact of erosion led displacement and human safety and livelihood
- To reveal the challenges of recovery in flood and Cyclone prone areas
- To discuss the strategy and recommendations for rehabilitation for families in flood and Cyclone prone areas

PROGRAMME DETAILS

This webinar is scheduled to be conducted on Friday, 12th February 2021 at 3.00 pm to 5.00 pm. registered participants only will be allowed to participate in the programme. It is requested to all the participants to be online till completion of programme.

LEARNING METHODS

Cisco Webex Meeting platform will be used for this programme. All the participants are requested to install “Cisco Webex Meeting application in your mobile or desktop.

CERTIFICATE

Since it's a two hours programme Certificate will be provided to the participants by NIDM. Minimum 80 % attendance is required to secure the certificate.

PROGRAMME TEAM

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Major General Manoj Kumar Bindal VSM, ED, NIDM

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PROGRAMME SCHEDULE

Time	Session	Speaker/Experts
3.00-3.20	Welcome and Opening Remarks	Prof. Santosh Kumar, Head, GiDRR division, NIDM
3.20-3.30	Keynote Address	Major General Manoj Kumar Bindal, VSM Executive Director, NIDM
3.30-4.10	Session -1	Shri Bishnupada Sethi, IAS, Prin Sec, Revenue, Govt of Odisha Shri M.S. Manivannan, IAS, CEO, Assam SDMA Shri I.C.P Keshari, IAS, Add Chief Secretary, MP
4.10-4.50	Session -2	Ms Kusum Athoukorala , Sri Lanka Mr Venkat Rao Bayana, Senior Social Scientist, World Bank
4.50- 4.55	Concluding remarks	Prof. Santosh Kumar, Head, GiDRR division, NIDM
4.50.-5.00	Vote of Thanks	Dr. Anuradha Maurya, NIDM

Major General Manoj Kumar Bindal, VSM Executive Director, NIDM

Major General M. K. Bindal is presently the Executive Director, National Institute of Disaster Management. He was commissioned into the Corps of Army Air Defence in December 1985. An alumnus of the National Defence Academy, Major General M. K. Bindal is a graduate of the Defence Services Staff College and has attended the prestigious Higher Command Course at the Army War College besides excelling in all other career courses in the army. He holds a master's degree in Defence and Strategic Studies as well as Masters of Philosophy in Defence and Management Studies. During his more than three decades of service he has held important command and staff assignments.



Prof Santosh Kumar

Currently the Head of the Governance, Policy Planning & Inclusive DRR division at NIDM. A Disaster Risk Reduction, Policy Planning and Capacity Development expert with 30 years of experience in different positions in the Development Planning and DRR Sector. A PhD. in Economics, he studied Gender & Development in IDS, Sussex, UK and received professional training in Disaster Risk Management from Israel, backed with International work exposure at The World Bank and Intergovernmental body of SAARC. He has also worked at state levels in different capacities in UP Academy of Administration, Nainital and RIPA, Jaipur.



Shri Bishnupada Sethi, IAS (Odisha 1995)

Shri Bishnupada Sethi, IAS (Odisha 1995) presently Principal Secretary to Government, revenue & disaster management department with additional charge of principal secretary to government, Odisha Language, Literature & Culture Department, has been given additional charge as principal secretary to government, information & public relation department.



Shri I C P Keshari, IAS (Madhya Pradesh 1988)

Shri I C P Keshari, IAS (Madhya Pradesh 1988) presently Chairman Professional Examination Board, MP & OSD-Cum Resident Commissioner. New Delhi & Additional Chief secretary- Commercial Tax Department, has been posted as Additional Chief Secretary, Government of MP, and General Admin Department.



Ms Kusum Athoukoralala, Sri Lanka

Ms Kusum Athoukoralala is chair at NetWwater (Network of Women Professionals). Ms Kusum Athoukoralala, Sri Lanka, is experienced in networking and capacity building she has been an innovator and change maker on a national and global level. Her interest in fields of climate change, sustainable development and water management, at both policy and community level permeate most of her professional work. She is very involved in field based research and skilled in documentation including video productions.



KEY TAKEAWAY BY SPEAKERS

- Erosion led displacement is a major critical concern.
- We should avoid disaster following disaster situation.
- We should look at nature-based solutions. Eg: Bunch grass plantation to reduce erosion like being done in Tamil Nadu.
- In displacement or migration, the context of drought also needs to be incorporated.
- When erosion led displacement and migration happens, the preparedness of the city should be the focus.
- There is a policy gap, therefore we require a policy dialogue for which we can have a working group.
- Climate change issues are also intensifying these issues, so they need to be looked at.
- Gender should be mainstreamed as it is part and parcel of half of the population.

- Disaster can also be used as a catalyst and used in pushing our message through. Using disaster as a message.
- Strengthening the coastline to stop erosion. Urban areas also require to stop the floating population from rural areas.
- There could be more community engagement and participation for more involvement.
- In normal times, SDMA's should work in promoting climate change awareness amongst people.
- Mangrove belt intervention in coastal belt.
- Resilience building should be a kind of a continuum exercise by looking into the futuristic challenges that how large number of people can get into disaster resilience.
- Mission to urban areas to rural areas in search of livelihood. The issue of anthropogenic pressure and pressure of land on resources.
- Human beings are in conflict with the nature.
- Cities are not prepared with disaster context and more research and institutional arrangements are required.
- Assessing, identifying the problems and implementation of the action programs.

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Webinar

Erosion Led Displacement Unfolding Challenges & Solutions

PM 10 Point Agenda No.
1 & 8 on DRR

12th FEBRUARY 2021
03:00 PM – 05:00 PM



Patron

Maj Gen M K Bindal, VSM
Executive Director
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EMINENT SPEAKERS



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