

Mainstreaming DRR in key development sectors

Development-Disaster Interaction

- Development activities are exposed to certain risks (Building / bridge collapses; dam failures, etc.);
- Socio-economic processes exacerbate or mitigate risks;
- Neglect of risks; poor land-use planning, environmental mismanagement, lack of regulatory mechanisms etc. often lead to increased disaster risks;
- Assessing risks and reducing them to acceptable levels have become critical to preserving the development gains.



- An increasing trend of disaster events has been observed due to climate change.
- As per the Global Assessment Report (GAR) 2015, India's annual economic loss due to disasters is \$9.8 billion. This includes more than \$7 billion loss is on account of floods.
- Over 40 million hectares (12 per cent of land) is prone to floods. Floods account for 44.8 per cent of the people affected by disasters. 68 per cent of the cultivable area is vulnerable to droughts. Drought accounts for nearly 49.4 per cent of the total number of persons affected.
- India is identified as one of the six major cyclone prone countries in the world. Of the 7516 km long coastline, close to 5700 km is prone to cyclones and tsunamis. cyclonic storms account for 3.8 per cent affected by disasters.

Post 2015 Frameworks

Sendai Framework (2015-2030) and Sustainable Development Goals

1. Understanding disaster risk
2. Strengthening disaster risk governance to manage disaster risk
3. Investing in disaster risk reduction for resilience
4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery
5. **SDG Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable**

SFDRR - SDGs Linkages

SFDRR	SDGs
<p>Priority 1: Global and Regional Levels</p> <p>(b) Strengthen disaster risk modeling, assessment, mapping, monitoring and multi-hazard early warning systems; promote the conduct of comprehensive surveys on multi-hazard disaster risks and the development of regional disaster risk assessments and maps, including climate change scenarios; and remotely sensed earth and climate observation.</p> <p>Priority 3: National & Local Levels</p> <p>(n) Strengthen the sustainable use and management of ecosystems and implement integrated environmental and natural resource management approaches that incorporate disaster risk reduction</p>	<p>Goal 13: climate action & 15:life on land (Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss)</p>
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<p>Priority 3: Global and Regional Levels and National & Local Levels</p> <p>(p) Strengthening productive assets such as livestock, working animals, tools and seeds are required to achieve this goal and targets.</p> <p>Agricultural practices to be modified in order to adapt to the projected changes in climate conditions as well as the increasing disaster risk.</p>	<p>Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</p> <p>Goal 12: Ensure sustainable consumption and production patterns</p>
<p>Priority 3: National & Local Levels</p> <p>(j) Strengthening the design and implementation of inclusive policies and social safety-net mechanisms through community involvement.</p> <p>Priority 3: Global and Regional Levels</p> <p>(g) Promotion and development of social safety nets linked with livelihood enhancement programmes in order to ensure resilience of household and communities to disasters.</p> <p>(h) broaden international efforts aimed at eradicating hunger & poverty through DRR</p>	<p>Goal 1: End poverty in all its forms everywhere</p> <p>Goal 17: Revitalize the global partnership for sustainable development</p>
<p>Priority 3: National & Local Levels</p> <p>(o) to increase business resilience and protection of livelihoods and productive assets throughout the supply chains, ensure continuity of services and integrate disaster risk management into business models and practices</p> <p>Priority 3: Global and Regional Levels</p> <p>(g) Promotion and development of social safety nets linked with livelihood enhancement programmes in order to ensure resilience of household and communities to disasters.</p> <p>(h) broaden international efforts aimed at eradicating hunger & poverty through DRR</p>	<p>Goal 8: Decent work and economic growth (Promote inclusive and sustainable economic growth, employment and decent work for all)</p> <p>Goal 17: Revitalize the global partnership for sustainable development</p>

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<p>Priority 3: National & Local Levels</p> <p><i>To promote mechanisms for disaster risk transfer and insurance, risk sharing retention and financial protection as appropriate for both public & private investments</i></p> <p>Priority 4: National & Local Levels</p> <p><i>Promote the resilience of new and existing critical infrastructure, including water, transportation and telecommunications infrastructure, educational facilities and hospitals</i></p> <p>Priority 3: National</p> <p><i>(d) To promote the disaster risk resilience of workplaces through structural and non-structural measures</i></p> <p><i>(j) to strengthen the design and protection of inclusive policies resilience and social safety net mechanism.</i></p>	<p>Goal 8: Decent work and economic growth (Promote inclusive and sustainable economic growth, employment and decent work for all)</p> <p>Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation</p> <p>Goal 4: Ensure inclusive and quality education for all and promote lifelong learning</p> <p>Goal 13: Climate Action (Take urgent action to combat climate change and its impacts)</p> <p>Goal 17: Revitalize the global partnership for sustainable development</p>

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<p>Priority 4: National</p> <p><i>(K) to develop guidance for preparedness for disaster reconstruction such as on land use planning</i></p>	<p>Goal 8: Decent work and economic growth (Promote inclusive and sustainable economic growth, employment and decent work for all)</p>

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