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Climate Change and DRR Integration

A holistic approach to address their impacts

Effective and sustainable disaster management

Enhances resilience at multiple levels

Avoids duplication of efforts and maximizes resource efficiency

Long-term sustainability and minimizes climate-related disasters' economic and social burdens

DRR in India

National Policy and Guiding Principles

- Prime Minister's 10-point Agenda on DRR
- National Policy on Disaster Management (NPDM)
- National Disaster Management Plan (NDMP)
- National Platform for DRR (NPDRR)

International Frameworks and Initiatives taken by India

- Sendai Framework for DRR
- Sustainable Development Goals
- Coalition for Disaster Resilient Infrastructure (CDRI)

How to Combat Climate Change

The theme of India's G20 Presidency is **“Vasudhaiva Kutumbakam”** or **“One Earth - One Family - One Future”**

Some key reasons why collective efforts are necessary:

- Scale and Impact
- Knowledge Sharing and Learning
- Equity and Justice
- Global Policy Frameworks
- Mobilizing Financial Resources

India's Initiatives for Climate Change Action

India was ranked 8th in CCPI-2023 which puts India at best among G-20 countries

India's per capita 2.4 tons CO₂ emission while the global average is 6.3 tons CO₂

An active member of several global and regional climate change forums like **UNFCCC, the Paris Agreement, BASIC Group, ISA, SAARC, IORA, FMC**, etc.

Long-term low-carbon development strategy

Renewable Energy Development

India's Initiatives for Climate Change Action

Climate Policy - National Action Plan on Climate Change - International Solar Alliance

Lifestyle for Environment – LiFE

Promoting Circular Economy - Waste-to-Wealth

National Clean Air Programme (NCAP)

Challenges in CCA technology adoption

Limited Financial Resources


Technological Capacity and Access

Technology Suitability and Adaptation

Conclusion

There is a requirement of **international cooperation, financial support, and technology transfer** from developed nations.

It is essential to **promote capacity building, knowledge sharing, and technology partnerships** to support developing countries in overcoming the obstacles and effectively adopting climate change adaptation technologies.



NIDM's Initiatives in Climate Change

NIDM has been actively engaged in Climate Change integration with DRR at all levels

NIDM has a Centre of Excellence for CCA supported by MoEFCC and DST, Govt. of India

NIDM is the anchoring institute for the developing National Adaptation Communication (DRR) for UNFCCC and also nodal for communication to UNCCD (for drought)

THANK YOU!



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