

Capacity Building Programme for Climate Smart Governance (2024-2027)

Introduction:

Climate Change has emerged as one of the biggest threats to national development in the current times. From fatal heat waves and unprecedented precipitation to massive crop failures and loss and degradation of ecosystems; Climate Change acts as a catalyst in the process of livelihood disruption snatching away the hope to a fulfilled and quality life.

With results so clear and obvious, Governance for climate change is increasingly non optional. Since Assessment Report 5 of IPCC, climate action has grown at all levels of governance as well as among non-governmental organisations, small and large enterprises, and citizens. Two international agreements—the United Nations Framework Convention on Climate Change (UNFCCC) Paris Agreement and the 2030 Agenda for Sustainable Development—jointly provide overarching goals for climate action. IPCC synthesis report, 2023 also scientifically re-enforces India's responsibility of developed countries for usurping the Carbon Budget and excessive emissions. The report also echoes Prime Minister's vision for LiFE (Lifestyle for Environment) a global mass movement to preserve environment.

India with its diverse geographical and climatic zones is capable of implementing climate mitigation strategies via multi-stakeholder and multi-sectoral approaches through its effective state and federal capacities. Effective execution of the mitigation strategies is still a challenge necessitating institutional strengthening. Adaptive capacity building helps tackle multiple climate risks and improves the level and pace of climate change adaptation at local levels.

The Department of Science and Technology with focus area as climate change has entrusted Indian Institute of Public Administration (IIPA) with a project titled “**Capacity building programme for Climate Smart Governance**” adopting the approach to facilitate execution of environmental and climate policies for adapting and mitigating the climate risks.

Objectives

The goal is to enhance the capacity of different stakeholders with three prime objectives –

- a) Capacitate and sensitize central and state officials, academic institutes in climate smart governance
- b) development of state specific training modules for institutional strengthening
- c) development of a toolkit and knowledge products for climate change aspects

Project Description:

The project focuses on building long-term Climate Resilience and will be incorporating the areas such as Climate Change Science, Climate change mitigation and Climate change adaptation.

For this study, different geographical zones have been considered to assess the vulnerability index. Gujarat as coastal zone, Madhya Pradesh as plains and Sikkim as hilly area have been identified as

project sites. The aim is to understand the impact of Climate Change on various sectors in these states at environmental, social and economic levels. It will involve analysis of policy initiatives, mitigation strategies, and adaptation measures taken at national, state and regional levels to combat the adverse effects of Climate Change.

The core of the project revolves around identifying gaps in research, policy implementation, state capacity and infrastructure building to initiate, advise, and promote interventions in existing governance.

For the aforementioned outputs, an **inception workshop** will be conducted with varied stakeholders of the state working in different departments. Collaboration with stakeholders from government agencies, academic institutions, government bodies, and local communities via face-to-face communication, surveys, video conferencing, etc will be accomplished. The objective of the inception workshop is to identify and understand capacity gaps, financial challenges, awareness levels, challenges in designing the policy, and ground-level challenges from the support of stakeholders. Experts' input will be taken to prioritize different interventions and the degree of effectiveness of different policies to achieve the defined targets. The workshop will act as the foundation of this project and lay down the pathway for further actions taken toward fulfilling the objectives of the project.

Following the inception workshop, climatic variables that affect a state majorly will be examined and studies to filter the adversely affected regions and case studies will be documented. The best practices behind successful mitigation and adaptation to climate change will also be documented.

Deliverables:

- Wider dissemination of knowledge
- Customize training manuals depending on geographical zones
- Develop an understanding of climate change, and assess vulnerability based on a common methodological framework. Enhance adaptive capacity and resilience to climate change.
- Climate Resilience toolkit, knowledge products, and training modules will be developed with customized solutions specific to the region/ state.

Stakeholders:

- State and central government officials involved in climate change and environmental management.
- Stakeholders from public and private sectors
- Academic and Research Institutions
- International Organizations, Think Tanks and NGO's working for climate change mitigation and mitigation