

## What the NFCS will do in India

- ✓ Help set up a formal mechanism that may facilitate mutually agreed responsibilities and commitments covering the five pillars of the GFCS and its priority areas, to enable timely and targeted exchange of relevant information;
- ✓ Promote improved coordination between service providers and user sectors;
- ✓ Create sustainable platforms to enable timely and targeted exchange of climate information leading to significant improvement in the delivery of climate services;
- ✓ Facilitate improved understanding of the roles and responsibilities of different agencies in climate-sensitive decision contexts, which will help further customization of services as needed;
- ✓ Enable India to lead by example in the global arena, in improving climate services at the national level.

## Initial Priority Sectors

Initial efforts under the NFCS for India are to collaborate with all those agencies to whom India Meteorological Department (IMD) is already providing climate services, with a special focus on the five initial priority areas adopted by the GFCS,

1. Disaster risk reduction
2. Agriculture and food security
3. Water resources
4. Public health
5. Energy



**National Framework for Climate Services for India  
(NFCS - INDIA)**

### Contact

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Stakeholder Consultation Workshop on

## National Framework for Climate Services for India (NFCS-India)

**5-6 October 2023**

*In lines with WMO's Global Framework for Climate Services (GFCS), to further strengthen the climate services among all user sectors in India.*

### Organized & Coordinated by

O/o Director General of Meteorology, New Delhi  
& O/o Climate Research & Services, Pune  
India Meteorological Department  
Ministry of Earth Sciences, Government of India

### Co-hosted by

CHRIST University, Lavasa Campus, Pune

## About GFCS

Established with the overarching goal to enable better management of the risks of climate variability & change and adaptation to climate change through the development and incorporation of science-based climate information and prediction into planning, policy and practice on the global, regional and national scales, the **Global Framework for Climate Services (GFCS)** is being coordinated by the World Meteorological Organization (WMO), of which India is a founding Member and active co-sponsor.

## About NFCS

Under the auspices of the GFCS, the concept of **National Framework for Climate Services (NFCS)** has been developed to help all climate services stakeholders at the national level to join forces and work together with mutually agreed working arrangements to collectively pursue the common goal of achieving a climate-smart society.

## About the workshop

This stakeholder consultation workshop proposes to bring together the existing and potential partners of IMD spanning the five pillars of the GFCS, viz.,

- (i) observations and monitoring,
- (ii) research, modelling and prediction,
- (iii) climate services information system,
- (iv) user interface platform and
- (v) capacity development.

## Expected Outcomes

- Assessment of the needs and capacities for climate services by the climate sensitive user sectors from the country and recommendations on the adoption of the NFCS concept to Indian context;
- Joint action plan to establish and implement NFCS-India;
- Potential approaches for sustained and regular interaction between service providers and user sectors to support mainstreaming of climate-smart decision making.

## Main objectives of the workshop

- ✓ *To provide a brief background and progress on the development of the concept of NFCS to consolidate the efforts of various agencies involved in the climate services in India;*
- ✓ *To seek inputs from all relevant stakeholders and their participation to collectively work towards the development of a well-defined NFCS in India to better support decision making in climate-sensitive sectors;*
- ✓ *To assess the baseline capacities at the national level in both providers and users of climate services, across all the five GFCS pillars and its priority areas;*
- ✓ *To prepare a comprehensive mapping of the existing capacities, draw up a list of key stakeholders and outline their potential contributions to the NFCS;*
- ✓ *To identify the needs and priorities as well as current and projected capabilities for developing climate information and products tailored to the decision-making for different users in the country;*
- ✓ *To bring the core agencies together to consider developing a joint action plan to begin the establishment of NFCS-India.*