

HP Knowledge Cell on Climate Change

HP Knowledge Cell on Climate Change (HPKCCC) has been established in the Department of Environment, Science & Technology, Shimla, Himachal Pradesh under National Mission for Sustaining Himalayan Ecosystem (NMSHE) to strengthen and further supplement the activities to deal with climate change impacts.

Objectives of the Climate Change Knowledge Cell:

- Provide a platform to understand climate change issues at local level.



- Serve as the dedicated institutional mechanism on climate change knowledge.
- Function as a repository and data bank of climate change information.
- Facilitate climate change related research and distribution of research results to trigger policy reforms and actions.
- Establish a mechanism to monitor impacts of responses to climate change.
- Provide a one-step facility to disseminate information relating to the implementation of the State Strategy & Action Plan on Climate Change (SAPCC).

Our Approach

Department of Science & Technology, Government of India intends to place a sound and effective coordination & institutional mechanism for ensuring cooperative, cohesive actions to tackle climate change and ensure all-round sustainable development.

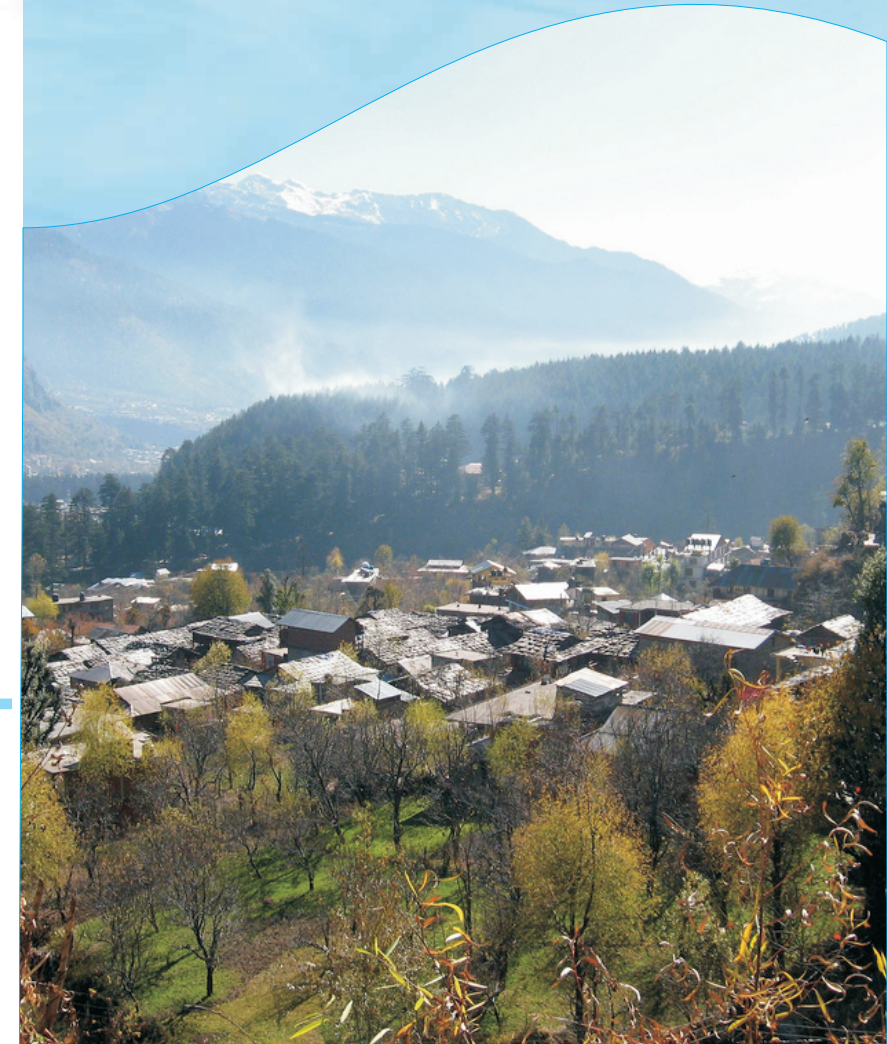
Our aim is "To prevent as well as to adapt to changing climate while enhancing resilience and improving livelihoods of people in the State".

Contacts

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Climate Change Knowledge in Himachal Pradesh



HP Knowledge Cell on Climate Change
Department of Environment, Science & Technology
Government of Himachal Pradesh

Data Generation, information, Policy directive formulation, Vulnerability Assessments, participatory resource management strategies and development of livelihood options.

Deploying Technologies – for hazard mitigation & disaster management, development of ideal human habitats, and agriculture and forest sector innovations.

Awareness, Capacity Building, developing human resource, emphasis on skill development, enable communities become sufficiently empowered with know-how and mountain specific required skills, necessary for adaptation to climate change.

Active Community Participation for enhancing ecological sustainability – by involving community in investigating causes and consequences of disturbance regimes, promoting conservation of native and endemic elements, and understanding glacier and river system dynamics.

- ⇒ Information Network,
- ⇒ Policy directive formulation,
- ⇒ Vulnerability Assessments,
- ⇒ Participatory resource management strategies,
- ⇒ Development of livelihood options,
- ⇒ Hazard mitigation & disaster management,
- ⇒ Development of ideal human habitats, and
- ⇒ Agriculture and forest sector innovations.

- ⇒ Formulate and implement programme to enable communities to become sufficiently empowered with know-how and mountain specific required skills, necessary for adaptation to climate change.
- ⇒ Develop human resource by way of trainings, research, Skill development by way of specific training.
- ⇒ Carry out research and conduct advance courses.
- ⇒ Provide scholarship to researchers and undertake Ph.D. research activities.

- ⇒ Formation of community groups for enhancing ecological sustainability – by involving community in investigating causes.
- ⇒ Consequences of disturbance regimes.
- ⇒ Promoting conservation of native and endemic elements, and understanding glacier and river system dynamics.

- ☑ Infrastructure for Climate Modelling & Access to Data.
- ☑ Enhanced Research on Climate Modelling.
- ☑ Framework for promoting Data Access.
- ☑ Human Resource Development.
- ☑ Increased public awareness about climate change and the contributions of the Centre to socio-economic development and the achievement of internationally agreed development goals;
- ☑ Reliable and sound knowledge sharing attitude among various NGOs, Research Institutions, Universities and stakeholder departments/organizations established;
- ☑ Enabling environment for policies, laws and regulations conducive to the formation, growth and stability of the Centre.
- ☑ Link research, policy, and 'on the ground' action created in coordination with line organizations;
- ☑ Traditional/indigenous knowledge blend with science evolved in view of climate change issues.

