



Research and Development Projects

1. Climate Change Impacts and Vector Borne Diseases
2. Paleo Climate Records in the High ranges of Kerala
3. Vulnerability of Vembanad-Kol Ramsar Wetland to Climate Change
4. Setting up State Climate Change Knowledge Cell (funded by DST, Govt. of India)
5. Capacity Development on Climate Change and Disaster Risk Reduction
6. Evaluation Study on the Programmes and Projects of Rural and Urban Local Bodies in Terms of Climate Friendliness
7. Traditional Knowledge and Innovative Methods related to Climate and Climate Change Adaptation and Mitigation in Kerala – A Study
8. Carbon Footprint Analysis and Carbon Budgeting Towards a Carbon Neutral Kerala
9. An investigation into rural-urban transitional fustiness and consequent impact on micro-climate
10. Climate variability land phenology of endemic plant species in new Amarambalam reserve forest of Nilgiri Biosphere Reserve
11. Restoration of selected afforested area of Kerala – A bio-geophysical paleo climatic study
12. Preparation of 10 Baseline Reports sectors mentioned in the State Action Plan on Climate Change
13. Monitoring and Baseline Data Generation (health, agriculture, fisheries, water resources, energy, tourism, etc.)
14. Coordination Activities for creating platform for dialogues and interactions on climate change



For more details:

Director
 Institute for Climate Change Studies
 Deepthi Nagar Road, Kanjikkuzhy
 Muttambalam PO, Kottayam,
 Kerala-686004
 Phone & Fax: +91-481-2574705
 Email: iccskerala@gmail.com
 Website: www.niccs.in

image courtesy: UNEP / design: godfrey's graphics



Institute for Climate Change Studies

Kottayam, Kerala-686004



Genesis and Location

The Institute for Climate Change Studies (ICCS) is an autonomous research organisation under the Department of Environment, Government of Kerala. The Institute, which was registered under the Travancore Cochin Literary, Scientific and Charitable Societies Registration Act 1955, on 01 March 2014 started functioning at Kanjikkuzhy, Kottayam since 01 August 2014.

Vision

Empower the State of Kerala for climate change resilience and adaptation through science and technology.

Mission

To fathom the complexities of climate, monitor and assess the changes occurring to it, forecast the implications of these changes to humanity and propagate sustainable and pragmatic development agenda backed by novel scientific research and technology for ensuring a healthy global climate.

Relevance

It has been recognised that Climate Change is a global phenomenon with innumerable local impacts spanning across different scenarios and spans of life. It poses an emerging challenge to sustainability of social and economic development, livelihoods, habitat of communities, and environmental management. The Government of Kerala have been working on a strategy for action in the state in response to the climate change ramifications. Government have finalised the State Action Plan on Climate Change, components of which need to be implemented. Kerala is specifically vulnerable to the changing climatic dynamics owing to its location along the sea coast and steep gradient along the western slopes of the Western Ghats. High population density in coastal areas adds to the vulnerability to the climate related problems. It is in this context that the Government of Kerala have established ICCS for the comprehensive study and research on Climate Change with special emphasis on the State's environmental elements, food security and livelihoods, resource regimes, coastal zones, adaptation issues, etc. and for formulating action plans on a continuous basis.



Objectives

The general objectives of ICCS are focussed research on state specific impacts of climate change on water, agriculture, forestry, biodiversity, sea level rise, natural hazards, health and socio-economic scenario of the State; and propose appropriate action for climate change management and adaptation strategy on various sectors and zones of the State. The specific objectives of ICCS incidental or ancillary to the attainment of the general objectives are:

- to act as the State Level Apex Agency for climate change research and advocacy;
- to assist the Government of Kerala in achieving coherence between strategies on climate change and help in the implementation of the State Action Plan on Climate Change;

- to perform as an interdisciplinary research organisation to conduct basic and applied research focussed on the State's climatic, ecosystem and other environmental matters particularly connected to the Western Ghats and to promote indigenous knowledge for climate change adaptation;
- to assist the Government of Kerala in prioritizing financial allocation for climate change adaptation and resilience building; and
- to perform as the knowledge centre of best practices for climate change adaptation and to act as the State Level repository of climate data and resource centre for devising mitigation and adaptation policies and for the implementation of those provisions and actions given in the State Climate Change Action Plan.

Organisational Structure

Chief Minister of Kerala is the chairperson of the Governing Body of ICCS, and the Minister for Environment is the chairperson of the Executive Committee. Director, ICCS, is the Member Secretary of both the Committees. The Scientific and Academic Council with experts in the climate change related sectors, constituted under the chairmanship of the Director, ICCS, is the research and academic policy making body. The Director is the Chief Executive Officer of the Institute.

