

Adapting to Climate Change in China (ACCC II) Project Introduction

Adapting to Climate Change in China Phase II (ACCC II) project is coordinated by China National Development and Reform Commission (NDRC), and co-funded by the Swiss Agency for Development and Cooperation (SDC). In the next three years, the Development and Reform Commission in each province will work with ACCC II to incorporate climate change adaptation into the formulation of national and provincial policy plans, support the formulation and implementation of comprehensive provincial adaption plans for key areas, and share this experience with other developing countries. The initial case study provinces include: Guizhou, Jiangxi, Inner Mongolia, Ningxia and Jilin. Each province will focus on the specific key climate change challenges. Experts from a wide disciplinary spread are involved in the project, including: adaptation, risk assessment, integrated risk governance, economic, social science, system science and meteorological science.

The institutions involved include: Development Research Centre of the State Council, Chinese Academy of Sciences, China Meteorological Administration, Beijing Normal University, Renmin University of China, International Food Policy Research Institute, UKCIP, Intasave, International Global Change Institute (IGCI) , SwissRe, and top institutes from each of the pilot provinces.

Key objectives of the project:

- Provide guidance to provincial adaption planning for key areas
- Provide a tool kit to support mainstreaming of provincial adaption planning
- Develop an Adaptation Planning Support and Risk Assessment System
- Train provincial researchers and policy makers
- Involve key institutions from national level to provincial level
- Provide comprehensive theoretical framework and practical tools for South-South knowledge sharing

Theoretical Framework:

- Orderly adaptation;
- Socio-Ecological System;
- Integrated Risk Governance;
- System Science;
- Integrating climate change adaptation, disaster prevention and mitigation and sustainable development are indispensable.

System Dynamics Simulation Platform Based on Risk Informed Decision Support System (RIDS)

- Combining, refining, and integrating the methodologies and theories of planning process and risk management into an advanced information technology;
- Using system simulation approach gives IT the soul;
- Improve planning efficiency and present results through advanced visualization techniques.

More information on: <http://www.ccadaptation.org.cn/>