

Advocacy & Awareness

CCRD is involved in hosting and participating in national and international conferences and events.



Centre for Climate Research and Development (CCRD)



Be part of the solution



Centre for Climate Research and Development (CCRD)

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COMSATS Institute
of Information Technology
(CIIT)

Centre for Climate Research and Development (CCRD):

Centre for Climate Research and Development (CCRD) was launched on January 2014 with the holding of an international conference on “Asian Monsoon and Climate Change” in association with the Potsdam Institute for Climate Impact Research (PIK) of Germany, and International Centre for Climate and Environment Sciences (ICCES) and Institute of Atmospheric Physics (IAP) of China. It became functional in March 2014.

Mission Statement:

- Develop Research Capacity
- Establish Knowledge Networks
- Build Awareness and Advocacy on Issues of Climate change
- Promote the Teaching of Climate Sciences

Vision:

CCRD will emerge as a vibrant research entity in climate research with board mix of indigenous knowledge, skills and talent geared towards responding to the challenges confronting Pakistan from global climate change.

Focus Areas:

Key areas for CCRD's research efforts include:

- Hydrology
- Agriculture
- Food
- Health
- Energy
- Extreme Weather
- Air Pollution
- Low Carbon Analysis
- Climate Policy Issues

Collaborative Partners:

The partners of CCRD are:

- Technical University Braunschweig (TUBS), Germany
- Karlsruhe Institute of Technology (KIT), Germany
- Potsdam Institute for Climate Impact Research (PIK) of Germany
- International Centre for Climate & Environment Sciences (ICCES), China
- Energy Research Centre of Netherlands (ECN), Netherlands
- United Nations Development Programme (UNDP), Pakistan
- American Institute for Pakistan Studies (AIPS)
- International Institute for Sustainable Development (IISD), Canada
- Climate and Development Knowledge Network (CDKN), U.K
- Technical Unit of Italian Embassy

Completed Projects:

- Synthesis and Modification of Different Adsorbents for Environmental Remediation in collaboration with HEC
- 50 Years of Sustainable Urban Development of Islamabad, Pakistan
- Sediment Management of Large Dams Case Study: Indus at Tarbela Dam” in collaboration with Karlsruhe Institute of Technology (KIT), Germany
- Environmental Friendly Conversion of Organic Solid Waste into Biochar and its use as one of the Sustainable Source of Energy.” in collaboration with Technical University Braunschweig (TUBS), Germany
- Bacteriological Water Quality Assessment of Different Institutions of Abbottabad City in Khyber Pakhtunkhwa – Pakistan in collaboration with HEC



On-going Projects:

- Pakistan Low-Carbon Scenario Analysis in collaboration with IISD, ECN and CDKN
- Vulnerability of Pakistan's Water Resources to the Impacts of Climate Change: Identification of Gaps and Recommendations for Action in collaboration with UNDP and IISD
- Financial Planning for Energy Security in Pakistan: The Way Forward for Renewable Energy” in collaboration with HEC
- Impact of Water Pollution on Climate Change, Synthesis and Modification of Different Adsorbent for Environmental Remediation in collaboration with HEC



Up-coming Projects:

- Feasibility Study of Solarization of Public Sector Buildings in Islamabad
- Climate Change & Human Health: Impact & Adaptation Issues for Pakistan
- Development of Manual for Accessing Climate Finance
- Trade offs and Synergies of Water Supply and Demand in Mountainous Region in collaboration with PIK
- Sustainable Food Systems in South Asia in collaboration with PIK
- Support of Build up of Centre for Climate Research and Development in collaboration with PIK

