



Muhammad Faisal Janjua

Chancellor IAC

MESSAGE FROM OUR CHANCELLOR

The Centre for Climate and Environmental Research (CCER) is an independent and autonomous research & development center established by the Institute for Art and Culture (IAC). The mission of the CCER is to develop ideas, innovative solutions, and strategies for multifaceted climate problems. Our approach and policies highlight the unique contribution that our knowledge products can make to addressing climate change and the challenges we confront in transitioning to sustainable development. It makes excellent sense to sustainably manage our people, resources, communities, and environment.



Dr Shakeel Ahmed Khan

COO

MESSAGE FROM OUR CHIEF OPERATING OFFICER

Climate change is now undoubtedly impacting our lives in several ways. The center aims to educate students, researchers, and the public at large. Gender disparities remain over the world, impacting people's and communities' ability to adapt to climate change. There is a need to effectively raise awareness about climate change and build a collective action plan in a participatory manner. Investing in participative, multi-stakeholder, and multi-sectoral climate change mitigation and adaptation strategies can assist the government in developing comprehensive action plans that incorporate gender concerns and use women's particular expertise and views. At all levels, equal space and resources must be provided for women and men to engage in climate change decision-making and action.



INTERNATIONAL COLLABORATIONS



Center for Energy, Environment and Economy (CEECE) Özyeğin University (Türkiye)



Royal Group UAE

OTHER COLLABORATIONS



CONTACT US

- ☎ 0300 0402237
- ✉ info@ccer.iac.edu.pk
- 🌐 www.ccer.org.pk
- 📘 @CCERPK
- ✂ CCERPK
- 📍 CCERPK01
- 📍 7.5 Km Main Raiwind Road, Lahore



CENTER FOR CLIMATE & ENVIRONMENTAL RESEARCH

THE INDEPENDENT RESOURCE ON GLOBAL CLIMATE CHANGE

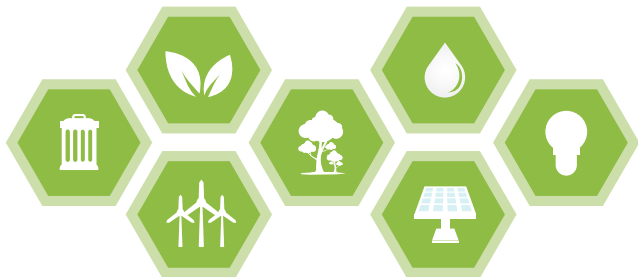


ABOUT US

As per the Global Climate Watch Risk Index 2020, Pakistan is the fifth most climatically vulnerable and affected country in the world. Pakistan has suffered heavily in the last ten years due to climate change impacts. Several studies show that the vulnerability will likely intensify in the coming years and decades due to increased floods, droughts, heat waves, locust attacks, and water scarcity. Pakistan has lost 0.53 percent per unit GDP, suffered economic losses worth US\$ 3.73 billion and witnessed 152 extreme weather events from 1999 to 2018. With this background, the need for building local climate resilience and institutional capacity is critical. Action research and work on climate vulnerability, adaptation, GHG mitigation, disaster risk management, and green climate financing have become critically important for a smooth transition toward sustainable development. The Centre for Climate and Environmental Research (CCER) has been established at the Institute for Art and Culture (IAC) as part of the global cause to achieve the Sustainable Development Goals (SDGs).

MISSION STATEMENT

The establishment of the CCER is a manifestation of an urgent need to develop Pakistan's human and institutional capacity to enhance its understanding of climate change and its impacts, as well as develop relevant technical research capacity. It aims to establish knowledge networks and collaborations with regional and international entities while promoting the cutting-edge teaching of Sustainability Sciences and Knowledge products.



AIMS AND OBJECTIVES

The operational scope of the CCER is designed to implement sustainable and immediate solutions.

The CCER will focus on local, national, regional, and international climate change issues while also interacting with institutions working in the environmental and climate change fields.

The CCER will undertake independent research on climate change besides evaluating ongoing climate-related projects and activities.

A Prime Feature of the CCER will be fostering international partnerships and networking to strengthen the entity's research and operational capacity and promote south-south and north-south capacity-building efforts.

The CCER will explore collaborations with other organizations both in the public and private sectors, with the goal to inform and influence policy making in the climate change and environmental fields.

Actively engage stakeholders contributing to a transformational change in the businesses, development, and policy ecosystem.

Develop new pathways for project funding aligned with innovative sustainable financing principles and sources.

OPERATIONAL STRUCTURE

The operational structure of the CCER is divided between Research and Academic sections. Both functional arms will closely coordinate and complement each other, ensuring that high-quality and relevant research is carried out and shared with the academic component.

ACADEMIC FUNCTION

The Academic function successfully designed the first Graduate Degree Programme, contributing to the country's different Sustainable Development Goals (SDGs). The Graduate Program ensures it's sustainable development and smooth functioning by focusing on a multi-disciplinary understanding of climate change processes, scenarios, vulnerabilities, and international & national policy responses.

RESEARCH FUNCTION

Research Working Groups with a dedicated research focus, responsible for coordinating and undertaking high-quality research, coupled with sharing, disseminating awareness & information through knowledge products.

RESEARCH WORKING GROUPS

- WG-I** Atmospheric Pollution, GHG Emissions & Climate Change Mitigation Group
- WG-II:** Climate Modelling & Extreme Weather Events
- WG-III:** Agriculture and Integrated Water Resource Management
- WG-IV:** Climate Governance and Finance
- WG-V:** Sustainable Cities & Communities
- WG-VI:** Energy Efficient Buildings and Low Carbon Economy
- WG-VII:** Advocacy, Outreach & Media