

# Welcome to Nexus Summit 2024

اسلام علیکم!

It is with great pleasure that I welcome you to the Nexus Summit 2024 at LUMS. Your participation in this summit shows your commitment to addressing the urgent issue of Climate Change and Pakistan's susceptibility to its effects. The challenges posed by climate change in achieving a sustainable, low-emission future necessitate the development of innovative scientific modeling frameworks to guide the formulation of our national mitigation strategies. Whether you identify as a stakeholder in the Energy, Water, or Agriculture sectors, a specialist in Mathematical and Computational Modeling, Sustainability Sciences, a Policy and Governance expert, or even as a student in these or related fields, each individual has a significant role to play in our shared journey towards sustainability.

The program includes a panel featuring participants from CoP 28, a round table discussion on Pakistan's pathway towards a net-zero future, and a co-creation session for scenario development for low-emission futures in Pakistan. In addition to this, the event will feature multiple presentations from national and international experts across the water, agriculture, and energy sectors.

In the welcome folder handed to you by our organizers, you will find the full agenda to the program, profiles of the speakers, details of the interactive sessions and other logistical information to enhance your participation experience. You will have the opportunity to engage with academics, researchers, policymakers and relevant stakeholders across Pakistan with a common interest towards the enhancement of national-level modelling to enhance climate resilient decision-making. I strongly urge you to seize the opportunity provided by the Summit to its fullest extent.

This workshop is organized under the umbrella of the DG CLIMA funded project, "COMMITTED: Climate pOlicy assessment and Mitigation Modeling to Integrate national and global TransiTion pathways for Environmental-friendly Development". The aim of the project is to reinforce global climate change mitigation efforts by supporting the work of Asian researchers in Pakistan, India, China, Vietnam and Indonesia to enhance their modelling capabilities and representation of climate policies. The European partners in this project include The International Institute for Applied Systems Analysis (IIASA), The Euro-Mediterranean Center on Climate Change (CMCC), and The Potsdam Institute for Climate Impact Research (PIK). The project is led by The Netherlands Environmental Assessment Agency (PBL).

I hope that you will enjoy both days of the Nexus Summit in the serene and scholarly atmosphere of our beautiful campus. Let the proceedings begin!

Dr. Talha Manzoor  
(On behalf of the organizing committee)

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