

A Seminar on

Food Security under Climate and Environmental Crisis

Date: 11 Aug, 2023 (26th Shrawan 2080)

Time: 3:00 – 4:00 pm (25 mins presentations followed by 35 mins discussions)

Venue: PG Seminar Hall (FOA/AFU, Rampur, Chitwan)

Speaker



Dr. Tek Sapkota is Senior Scientist at International Maize and Wheat Improvement Center (CIMMYT) Mexico. Dr Sapkota (<https://www.cimmyt.org/people/tek-sapkota/>) leads the Climate Change Science group in CIMMYT and is a member of the Climate Investment Committee in OneCGIAR. He is global science leader on data and evidence on MITIGATE+ initiative and leads climate change work package of regional initiative to transform food systems of South Asia.

His research interest includes analysis of production systems from food security-climate change nexus. He is involved in studying food-system management consequences in agro-ecological landscape and their effect on food security, climate change adaptation and mitigation. He has served in IPCC as Lead author as well as Review editor and is currently working as Lead author for Global Environmental Outlook of UNEP. He is an associate Editor of Nature Scientific Report and Frontiers in Sustainable Food Systems journals. He is an Agriculture expert in the "India GHG platform" (<http://ghgplatform-india.org/>). For more of his expertise and scientific contributions follow at <https://scholar.google.com/citations?hl=en&user=LdYuM7AAAAAJ>.

Seminar background

Agriculture and food systems are among the critical sectors already significantly impacted by climate change, and adaptation measures will be necessary to mitigate those impacts. At the same time agri-food sector is one of the major contributors of climate change and food system, as other sectors of the economy, should also play its role to mitigate climate change. However, stringent mitigation also can make the same people food insecure, particularly in developing countries. Latest findings including recent IPCC reports offer significant insights and recommendations for policymakers, industry, and civil society to address the challenges associated with food security and climate change.

This interactive seminar aims to discuss potential adaptation measures and strategies for mitigating the impacts of climate change on agri-food systems and how food system management can be part of the solutions to mitigate climate change without compromising food security.