



Webinar - Nutrition, Food Security and Sustainable Agriculture

Introduction

Nutrition, food security, and sustainable agriculture lie at the heart of a healthier, more equitable, and sustainable world. Nutrition is the cornerstone of human well-being, affecting our health and productivity. Food security ensures that everyone has reliable access to sufficient, safe, and nutritious food, reducing hunger and promoting stability. Sustainable agriculture not only safeguards the environment but also ensures the long-term availability of food resources. These interconnected pillars play a pivotal role in eradicating poverty, enhancing public health, and fostering economic growth. As we confront the challenges of a changing climate and a growing global population, prioritizing nutrition, food security, and sustainable agriculture is paramount for building resilient communities and ensuring a brighter future for generations to come.

This webinar aims to raise awareness of the global challenges around Nutrition, Food Security and Sustainable Agriculture. IGHD seeks to offer participants an opportunity to both gain knowledge and actively engage in the ongoing discourse surrounding the imperative of universal access to nutrition, food security, and sustainable agriculture in the face of pressing global challenges. This webinar serves as a platform to examine the intricate interplay between what we eat, how we produce our food, and the resilience of our food systems.

Date: December 8th, 2023

Time: 5:00 PM to 6:30 PM **Pakistan** Time

7:00 AM to 8:30 AM **Canada** (Toronto and Ontario) Time

5:30 PM to 7:00 PM **India** Time

3:00 PM to 4:30 PM **Tanzania** Time

Moderator & Host:

Dr. Zulfiqar A Bhutta, Distinguished University Professor & Founding Director, Institute for Global Health and Development, Aga Khan University.

Speakers/Presenters:

- **Mr. Apoorva Oza**
Global Programme Lead in Agriculture and Climate Change at Aga Khan Foundation.
- **Dr. Erick Boy**
Leading Nutrition Expert and Research Coordinator at HarvestPlus.
- **Dr. Emmanuel Sulle**
Director of Research at the Arusha Climate and Environmental Research (AKU-ACER) at the Aga Khan University, Principal Campus Arusha, Tanzania

Chief Guest & Closing Comments:

Dr. Kausar Abdullah Malik, Caretaker Federal Minister for National Food Security and Research.



Time (PKT)	Session
5:00 – 5:01 pm	Calling webinar to order: Abbas Jaffer <ul style="list-style-type: none">• General housekeeping announcements
5:02 – 5:05 pm	Host & moderator: Dr. Zulfiqar Bhutta <ul style="list-style-type: none">- <i>Welcome and Introductory remarks: learnings and reflections on the chosen subject of the webinar.</i>
5:06 – 5:08 pm	Speaker introductions: Dr. Zulfiqar Bhutta <ul style="list-style-type: none">- <i>Introduction of the speakers and the topics they will be presenting on.</i><ul style="list-style-type: none">○ <i>Dr. Apoorva Gomber</i>○ <i>Dr. Erick Boy</i>○ <i>Emmanuel Sulle</i>
5:09 – 5:24 pm	<ul style="list-style-type: none">- <i>Presentation by Mr. Apoorva Oza</i> <i>Sustainable Agriculture Practices in Rural India</i>
5:25 – 5:40 pm	<ul style="list-style-type: none">- <i>Presentation by Dr. Erick Boy</i> <i>Biofortification: Enhancing Nutrient Content in Crops – The Journey</i>
5:41 – 5:56 pm	<ul style="list-style-type: none">- <i>Presentation by Dr. Emmanuel Sulle</i> <i>An Experience of a Living Environmental Lab</i>
5:57 – 6:19 pm	Moderated discussion by Dr. Zulfiqar Bhutta <ul style="list-style-type: none">- <i>Speakers participate in Q&A</i>
6:20 – 6:30 pm	Closing comments: Dr. Kausar Abdullah Malik



Distinguished Experts' Profiles



Dr. Zulfiqar A. Bhutta, a distinguished scholar, holds key positions at the Aga Khan University and the Hospital for Sick Children, Toronto. He is a renowned voice in global child health, recognized by numerous awards and accolades, including his election to the National Academy of Medicine.



Mr. Apoorva Oza, a seasoned mechanical engineer and leader in rural development, has significantly impacted rural communities' sustainable growth. He has played pivotal roles in organizations like AKRSP (India) and now leads initiatives in Agriculture and Climate Change at the Aga Khan Foundation.



Dr. Erick Boy, an expert in nutrition, has devoted his career to improving global nutrition. He leads the nutrition unit at HarvestPlus, focusing on crop-related research studies, biomarkers, and collaboration with international organizations like the World Health Organization.



Dr. Emmanuel Sulle, an Assistant Professor and leading scholar in agrarian studies, directs research at the Aga Khan University's Arusha Climate and Environmental Research. He holds a PhD in Land and Agrarian Studies and is recognized for his significant contributions to climate change, sustainable agriculture, and land tenure in Africa.



Dr. Kausar Abdullah Malik, a distinguished scientist and academician, has made remarkable contributions to Biotechnology, Genetic Engineering, and Life Sciences. His notable roles in organizations like the Pakistan Academy of Sciences and the Government of Pakistan highlight his commitment to advancing knowledge for the betterment of Pakistan's agriculture and biosciences.