



## ***‘Take CGIAR and Partners Ag-innovations to the Farmer’ - Building Livelihoods and Resilience of Smallholders under a Changing Climate in Ethiopia***

***Shaping Agriculture for Greater Impact in Ethiopia Workshop Series - Co-hosted by the Ministry of Agriculture, Ethiopian Agricultural Transformation Institute, in collaboration with ILRI's AICCRA-Ethiopia***

***May 25, 2023 | Venue: Radisson Blu, Addis Ababa***

### **Background**

Agriculture is vital for food and nutrition security, natural resource management, and economic development, and it remains central to the livelihoods of millions of Ethiopians. However, the country's agriculture is not immune to the many afflictions affecting the sector, including ecosystem degradation, supply chain disruptions for inputs, the COVID-19 pandemic, financial tightening through rising interest rates and global conflicts and related risks. Moreover, this critical sector is also impacted by the vagaries of climate variability and change. In some of Ethiopia's most vulnerable communities, extreme weather and climate variability are disastrously affecting agricultural productivity and food and nutrition security. Frequent droughts, floods, emerging pests, and disease outbreaks are becoming critical challenges that smallholder farmers and livestock keepers must contend with in this age of climate crisis.

Without serious strategies to build resilience and address climate adaptation, people living in the climate hotspots will become ever more vulnerable. Recognizing these significant development challenges of our time, Ethiopia and its strategic development partners have designed several strategic initiatives to adapt to climate change and transform its agriculture and food systems. Although the current actions to build resilience to climate change and related shocks across Ethiopia's agriculture and food systems are promising, they are not nearly enough to meet the scale of the problem.

The Ethiopian government has recently convened a national conference on 'Shaping Agriculture for Greater Impact' to map the path forward in a renewed commitment towards agricultural transformation through resilient agriculture and food systems. These include forging innovative partnerships, public policy, food value chain and livelihood, and on-farm and productive landscape solutions.

This gathering is part of the high-level conference series co-hosted by the Ethiopia's Ministry of Agriculture and Ethiopia's Agricultural Transformation Institute in collaboration with AICCRA-Ethiopia, hosted at the International Livestock Research Institute (ILRI), and expected to accelerate the integration of CGIAR and its national and international partners - to improve livelihoods and build agri-food system resilience and adaptive capacity to changing climate: (i) Through sharing of science, knowledge, and innovations and climate-informed digital agriculture data hubs and decision support to address critical gaps in climate information services (CIS), NextGen seasonal and sub seasonal forecasts, early warning systems (EWS) for early action (EA) and climate smart agriculture (CSA) technologies and provisions, and to promote large-scale core-country and cross-border/regional adoption including via S-S learnings, (ii) Build capacity/multi-actor partnerships for delivery - education-research-extension continuum - to anticipate climate risks, enhance preparedness and accelerate prioritization, user-centric bundling and uptake of best-bet resilience building and adaptive measures, and (iii) Contextualize CIS, EWS/EA, climate-informed digital ag-advisories, CSA link bundled packages to transfer systems for scaling, and improve beneficiaries and end-users' access to CIS and ag-advisories for decision making.

## Event Schedule

Time	Activity	Speakers
08:30 – 09:00	Registration	<b>AICCRA-Ethiopia Team</b>
09:00 – 09:15	Welcoming remark - <b>CGIAR's partnership with national partners in Ethiopia</b>	<b>Dr. Namukolo Covic</b> - ILRI Director General's Representative in Ethiopia CGIAR Ethiopia Country Convenor
09:15 – 09:25	Opening remark - <b>The need to shape Ethiopia's agriculture</b>	<b>H.E. Dr. Girma Amente</b> - Minister for Agriculture
09:25 – 09:35	Keynote speech - <b>A Multi-Sectoral Threat of Climate Change in Ethiopia</b>	<b>H.E. Dr. Mandefro Nigussie</b> - CEO, Agricultural Transformation Institute
09:35 – 09:45	Keynote speech - <b>Adapting food system to climate change - Time for action</b>	<b>Dr. Elliot Mghenyi</b> - Lead Agriculture Economist at the World Bank
<b>Setting the scene – Ethiopian government policies and roadmaps</b>		
09:45 – 10:00	<b>Roadmap to Shape Ethiopian Agriculture</b>	<b>Mr. Berhanu Assefa</b> - Representative to the State Minister, Ministry of Agriculture
10:00 – 10:15	<b>Ethiopia's Vision for Agricultural Research for Development</b>	<b>Dr. Diriba Geleti and Dr. Girma Mamo</b> - Ethiopian Institute of Agricultural Research
10:15 – 10:30	<b>Digital Agriculture – Ethiopia's Vision and Aspirations</b>	<b>Dr. Chimdo Anchala</b> - Senior Director, Agricultural Transformation Institute
10:30 – 11:00	<b>Health break and networking</b>	
<b>AICCRA's technical contributions to Ethiopian government efforts</b>		
11:00 – 11:15	<b>AICCRA - Aspirations for R4D and technical support in Ethiopia</b>	Dr. Dawit Solomon
11:15 – 11:30	<b>Integrated national ag-data hub</b> - Building a data-driven future to transform agriculture under changing climate	Dr. Lulseged Tamene Mr. Anteneh Legesse - Ministry of Agriculture
11:30 – 11:45	<b>User-centric bundled climate information services and ag advisories</b> - Digital solutions to advance climate-resilient agriculture.	Dr. Kindie Tesfaye Mr. Abraham Endrias - Green Agro Solution Plc
11:45 – 12:00	<b>Enhancing national climate services</b> - Bringing climate data into decision-making by improving availability, access, and use	Dr. Tufa Dinku Mr. Kinfe Hailemariam - Ethiopian Meteorology Institute
12:00 – 12:15	<b>Better real-time forecasts and early warning systems for early action</b> - Combat extreme events and close the gaps and stronger resilience through NextGen weather, climate, and hydrological services	Dr. Teferi Demissie Mr. Tarekegn Abera - Ethiopian Meteorology Institute
12:15 – 12:30	<b>Fodder and feed innovations</b> - Key opportunities for driving sustainable intensification of crop-livestock systems	Dr. Kindu Mekonnen Mr. Tesfaye Amene - Madda Walabu University

12:30 – 12:45	<b>Inclusive small ruminant innovations</b> - Moving towards enhancing livestock keeper's livelihood under climate variability.	Dr. Aynalem Haile Dr. Asrat Tera – Livestock Development Institute
12:45 – 13:00	<b>Climate-smart landscapes</b> - Rehabilitating degraded landscapes for resilient livelihoods	Dr. Wuletaw Abera Mr. Habtamu Hailu – Ministry of Agriculture
13:00 – 14:00	<b>Lunch</b>	
14:00 – 14:15	<b>Climate education for tackling climate crisis</b> – Need for action to empower Ethiopia's next generation with climate basics, climate risk management and climate information services	Prof. Berhanu Belay and Ms. Amanda Grossi Dr. Sintayehu Yigrem – Hawassa University
14:15 – 14:30	<b>Macroeconomic consequences of climate change</b> – A multi-sectoral analysis of growth, inflation, food security impacts and policy implications	Prof. Alemayehu Geda – Addis Ababa University
<b>Table discussion on technical support of AICCRA's outputs to Ethiopian governments and development partners cross-cutting initiatives</b>		
14:30 – 15:30	Table 1: <b>Ag-data hub</b> contribution to Ethiopia's Digital Agriculture Extension and Advisory Services (DAEAS) and FSRP	<b>Dr. Chimdo Anchala (ATI)</b>
	Table 2: <b>User-centric bundled climate services and ag advisories</b> contribution to Ethiopia's 10/10 ag flagships programs and national ag extension system and FSRP	<b>Dr. Elliot Mghenyi</b>
	Table 3: <b>Real-time NextGen forecasts and early warning systems</b> contribution to Ethiopia's efforts for preparedness and early action for DRM and FSRP	<b>Mr. Kinfe Hailemariam</b>
	Table 4: <b>Fodder and feed innovations</b> contribution to Ethiopia's Livestock and Fisheries Sector Development Project and FSRP	<b>Dr. Diriba Geleti</b>
	Table 5: <b>Small ruminant innovations</b> contribution to Ethiopia's Livestock and Fisheries Sector Development Project and FSRP	<b>Dr. Fikiru Regassa</b>
	Table 6: <b>Climate-smart landscapes</b> contribution to Ethiopia's Resilient Landscapes and Livelihoods Project and FSRP	<b>Prof. Eyasu Elias</b>
	Table 6: <b>Climate education</b> contribution to Ethiopia's and development partners' efforts to support higher education development	<b>Dr. Eba Mejena</b>
	Table 7: <b>Macroeconomic consequences of climate change</b> contributions to Ethiopian government policies and actions	<b>Prof. Alemayehu Geda</b>
15:30 – 16:30	<b>Table feedback to the workshop participants</b>	Table leaders
16:30 – 17:00	<b>Closing</b>	<b>Dr. Mandefro Nigussie</b>
17:00 – 19:00	<b>Cocktail and networking</b>	All participants