



CGIAR delivering scientific foundations for peace and security

B. Soumaré/Oxfam

CGIAR science, innovation, and technologies are critical in supporting global efforts to secure sustainable peace.

The evidence about the conflicts we have seen around the world since the turn of the century points to a simple conclusion: Conflicts between communities, armed groups, and even military forces are increasingly being affected by food insecurity, environmental degradation, climate variability extremes and the struggle to access and control a finite pool of natural resources

Because of a changing climate, the way governments and communities manage land, water, and food systems is now more than ever a pivotal factor in whether societies can endure peace.

In the words of the UN Secretary-General,

'The fallout of the assault on our planet is impeding our efforts to eliminate poverty and imperilling food security'.

Without peace, there is no end to hunger. That has been true for so long. Without food security, peace cannot last. And without climate-sensitive actions for peace and security, none of these efforts will succeed.

The global community rightly invests in much-needed peace and security operations worldwide. But the climate-food-peace paradigm shift that has happened in the real world has yet to be adequately reflected in the global policy agenda.

CGIAR aims to address gaps in knowledge about climate change and food security for peace and security policies and operations through a unique multidisciplinary approach.

Our main objective is to align evidence from the realms of climate, land, and food systems science with peacebuilding efforts already underway that address socio-political security, stability and peace through evidence-based environmental, political, and socio-economic solutions.

CGIAR's critical contribution to peace and security

N.Palmer/CIAT

The development of CGIAR FOCUS Climate Security has revealed CGIAR's untapped potential in Peace and Security. Much of CGIAR's research contributes to improving the prospects of peace. CGIAR has carried out a portfolio review that provides insights into how CGIAR and partner research contributes to climate security and how future research collaborations can further leverage CGIAR's research on food systems for peace and security.

The results of the portfolio review show that the most studied conflict drivers by CGIAR work largely match those found in the literature review, hence significantly contributing to peace and security.

Eight out of the top ten study drivers found in the literature review, that are also most frequently addressed in CGIAR work were climate-related variables (climate change and variability, drought, water scarcity, climate change adaptation, and mitigation), agricultural outputs, rural livelihoods and poverty, food insecurity, migration and displacement, adaptive capacity and weak governance.

In a series of multidisciplinary high-level webinars, CGIAR FOCUS Climate Security was able to define cross-cutting priorities for future directions in climate security debates, policies, and programming.



1 The Role of Climate and Food Systems Science in Conflict Prevention and Peace-building



Dan Smith
Director, International Peace Research Institute



Sonja Vermeulen
Director of Programs, Global System Organization

2 The Role of Data and Disruptive Technologies for Climate Security



Andy Jarvis
Associate Director, General Research Strategy and Innovation, Centre for Economy International and ISAT



Enrica Pocari
Chief Information Officer & Director of Technology, United Nations World Food Programme




Elisabeth Gilmore
Associate Professor, Clark University, Senior Advisor, Department of Peace Science Institute at Oslo and Viking Institute for the Center for Integrative Research Development




Maarten van Aalst
Director, Real Crisis and Global Climate Change


3 Sustainable Finance for Peace




Serena Guarnaschelli
Partner and Associate Director, Advisory KOFI




Ashiti Gupta
Manager, Assistant Secretary, Design Building Convergence, Bonnet Finance



Ania Maria Wanda Grobicki
Deputy-Chief of Mission, United Nations, The Green Climate Fund



Alberto Milan
Sustainable Finance Advisor, CGMIS, Research Programme on Climate Change and Food Security (CCFIS)



Giovanni Grandi
Senior Officer, Private Partnerships and Finance, EY Development, Basel Agency for Development Cooperation

6 A Partnership Agenda for Climate Security



Frank Bousquet
Senior Director, Fragility, Conflict and Violence, World Bank Group



Claudia Sadoff
Executive Management Team, Convenor and Managing Director, Research Delivery, and Impact of the CGIAR



Hans Olav Ibrekk
Policy Director, Section for Energy, Ministry, Ministry of Foreign Affairs, Norway



Robert Malley
President and CEO, International Crisis Group



RESEARCH AREAS

G.Smith/CIAT

After 50 years of research CGIAR is launching its new strategy that aims to transform food, land, and water systems in a climate crisis.

Increasing hunger worldwide is driven primarily by climate and violent conflicts; and food is foundational for peace. In order to achieve the SDGs, specifically SDG2 on ending hunger: policies, programming, cross-collaborative partnerships and finance for strengthening food systems need to include climate action and conflict mitigation.

Taking stock of the portfolio analyses and collaborative, high-level webinars - CGIAR FOCUS Climate Security has identified four research areas:

EVIDENCE 4 PEACE



Understanding the complexity of climate and security for informed decision making

PROGRAMMING 4 PEACE



Developing peace sensitive operations for millions of beneficiaries

POLICY 4 PEACE



Articulating the role of food systems in a climate crisis for policies and frameworks

FINANCE 4 PEACE



Leveraging finance by aligning objectives along the Humanitarian Development and Peace Nexus

We deliver research for Peace and Security through our network of up to 700 partners across 70 countries.

FLAGSHIP INITIATIVES 2021

M.Edliadi/CIFOR

Building on the four research areas above in partnership with our extensive network, we have designed our 2021 flagship initiatives, which, if grouped together, make up our roadmap for the year ahead.

We will identify drivers and mechanism of multiple climate security nexuses (flagships: 1,2,3 and 4), develop indicators and means of qualifying and quantifying them (flagship 5) to helping policy makers, donors and international organisations in making scientifically sound, informed decisions (flagship 6).

Geographically in 2021, we will focus on developing the Africa crisis observatory and tackle climate security in the dry corridor in Latin America (flagships: 7 and 8). We are also extremely excited to have launched a PHD Programme (flagship 9), which represents first generation all-women candidates from the global South and North, focusing on climate security in the Sahel, and the Asian deltas (Mekong and Ganges).

1

**Climate Security
Gender Nexus**



2

**Climate Security
Inequality Nexus**



3

**Climate Security
Migration Nexus**



4

**Climate Security
Mitigation Nexus**



5

**Climate Security
Measurement
and Indicators**



6

**Climate Security
Policy Coherence**



7

**Africa Crisis
Observatory**



8

**Climate
Security
Latin America
DryCorridor**



9

**CGIAR-WUR-SIPRI
PhD program)**



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