

GENDER, CLIMATE CHANGE, AND NUTRITION INTEGRATION INITIATIVE (GCAN) NEWSLETTER | September 2017

Latest GCAN News

Student Challenge Winners

Student finalists have been selected as part of the GCAN Student Challenge to explore issues related to the intersection of climate, gender and nutrition using [Feed-the-Future datasets](#). Tomoe Bourdier from UC Davis will explore how bargaining in polygynous households influences the impact of adverse climate conditions on child outcomes. Natalie Theys from Tufts University will examine the potential impacts of increased climate variability and gender-differentiated responses to climate shocks on consumption of animal-source foods in Bangladesh. Matthew Cooper from University of Maryland will test the hypothesis that forests can buffer against adverse effects from rainfall shortages and whether there is an interactive effect between forest resources and child health. He will use several Feed the Future datasets in his study. Finally, Katie Picchione, who is pursuing a Master of Science in Technology and Policy at the Massachusetts Institute of Technology, will develop a systems model of the interactions among women and men smallholders and agribusinesses in Uganda taking climate and weather events and nutrition outcomes into consideration. Completed papers will be published as GCAN-IFPRI working papers early next year. More information the studies can be found on the GCAN website.

Congratulations to the winners!

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Call for projects to submit to GCAN review of promising practices

What are promising approaches to address gender and nutrition in project design and evaluation? GCAN is seeking project case studies to identify promising practices and lessons learned from rural resilience projects that also advance gender equality and nutrition security, to develop a report on promising approaches for USAID BFS, USAID missions, and partners. The call focuses on projects across the following sub-sectors of rural climate resilience:

- Climate information services
- Climate-smart agriculture
- Insurance
- Water security
- Disaster risk reduction
- Social protection
- Value chains and diversified livelihoods

If you have experience designing, implementing, or evaluating a climate resilience project in an agricultural (including pastoral, forestry, and fisheries) setting that also advances gender and/or nutrition goals, please share your contact information and brief project description in this brief [survey form](#) by **Friday, October 7, 2017** for follow up by the team. For those interested to participate, the team will analyze project documents and contact practitioners for further discussion (on or off the record) where possible.

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New GCAN Publications

Policy Note on GCAN Priorities for Cambodia

Agriculture is extremely important to Cambodia, representing at least one-third of the nation's gross domestic product and providing employment to around 60 percent of the labor force. It is perhaps the most sensitive sector to changes in climate, with higher temperatures stressing plants, livestock, and workers, and rainfall variation through droughts and floods leading to crop losses and food insecurity. While it is important to consider the impact of climate change on agricultural production, it is also important to consider other cross-cutting issues to achieve the goals of Feed the Future and the Global Food Security Strategy — especially gender and nutrition. This policy note summarizes assessments of these linkages in Cambodia under the Gender, Climate Change, and Nutrition Integration Initiative (GCAN).

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The Role of Agricultural Insurance: Gender and Nutrition Dimensions

A recent review of evidence on the gender-differentiated demand for insurance in rural agricultural households finds that although men and women in the same household might face the same shocks, they can perceive the associated risks and their importance quite differently.

This has implications for the types of risk-coping measures that men and women might use to manage these risks, and the design of supporting policies. The GCAN policy note on gender and nutritional dimensions of agricultural insurance is now published.

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New Data Products

The Bangladesh Feed the Future standardized dataset is now available

To facilitate the use of Feed-the-Future Open Agriculture and Nutrition Datasets in agricultural research and development, the GCAN team harmonized and standardized the Bangladesh Integrated Household Survey (BIHS) data ([2011](#) and [2015](#), available on IFPRI Dataverse) across four key food security-relevant domains (climate, agriculture, nutrition, and gender), with the objective to make household-level data more accessible and interoperable with other databases, and in particular with spatially-explicit, biophysical data layers. With these data, users can more easily address policy-relevant questions incorporating both biophysical and socioeconomic indicators.

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Upcoming events



ReSAKSS Conference in Mozambique
IFPRI with the African Union Commission (AUC), is convening the 2017 Regional

Datathon in Bangladesh

After the successful Datathon event in Washington, DC on August 11, where about 90 participants analyzed the Bangladesh Feed the Future survey data across four key food security-relevant domains (climate, agriculture, nutrition, and gender), the GCAN

Strategic Analysis and Knowledge Support System (ReSAKSS) Conference to review and promote the dialogue on the Comprehensive Africa Agriculture Development Programme (CAADP) and its implementation agenda. This year's conference, titled "A Thriving Agricultural Sector in A Changing Climate: Meeting Malabo Declaration Goals through Climate-Smart Agriculture" will release the 2017 Annual Trends and Outlook Report (ATOR) that reviews the evidence of the effectiveness of various CSA strategies in Sub-Saharan Africa and analyzes examples of CSA-based practices and tools.

Importantly, the ATOR features the publication of the GCAN framework developed consultatively as part of the GCAN project.

More information regarding the conference including a digital version of the Annual Trends and Outlook Report, will be available at the conference web site:

<http://conference.resakss.org/>

Stay tuned!

team is now busy organizing a similar event in Dhaka on November 9, 2017.

We invite data geeks and practitioners to generate their own analyses, visualizations, and new insights around the suggested research topics of

- Historical trends of climate shocks and their impacts on the livelihoods of female farmers and their empowerment in agriculture
- Spatial representation and historical dynamics of gender inequality in agriculture
- Relationships between [women's empowerment in agriculture](#) and nutritional outcomes

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Other news

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Achieving the goals of the Feed-the-Future Program and the [Global Food Security Strategy](#) requires careful consideration of the impact of climate on agricultural production and livelihoods, while at the same time considering other cross-cutting issues that influence agricultural growth, poverty alleviation and resilience, especially gender and nutrition. To address these challenges the Gender, Climate Change and Nutrition Integration Initiative (GCAN) works with USAID headquarters, field missions, and partners to enhance understanding of the linkages between climate, gender, and nutrition for increased resilience, women's empowerment and improved nutrition.

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