



**Farmer to Farmer
Volunteer Assignment Scope of Work**

This assignment can be either Local or Virtual. Either way, the remote support of an American volunteer is needed.

Local Assignment: Ethiopian or East African volunteer to be paired with virtual supporting American volunteer.

Virtual Assignment: An American volunteer conducts a series of calls/meetings

Potential volunteers from Ethiopia or East Africa should email haile.dolango@crs.org and lidia.retta@crs.org to express interest.

American volunteers wishing to support virtually should email maria.figueroa@crs.org

Summary Information	
Assignment code	ET241
Country	Ethiopia
Country Project	Crops
Host Organization	Ethiopian Guenet Church Development and Welfare Organization (EGCDWO)
Assignment Title	Climate Smart Agriculture for Improved Productivity
Assignment Preferred Dates	Flexible
Assignment Objectives	<ul style="list-style-type: none"> • Provide practical training on Climate Smart Agricultural practices that will help address the effects of climate change to increase resilience of farmers to climate-related shocks.
Desired Volunteer' Skill/Expertise	<ul style="list-style-type: none"> • Extensive knowledge and experience on agriculture development and diversified techniques/adaptation measures to managing effects of climate change • Demonstrated experience in climate smart agriculture



	<ul style="list-style-type: none"> • Experience of working with small holder subsistence farmers in developing countries
Type of Volunteer Assistance	Technology Transfer (T)
Type of Value Chain Activity	On Farm Production (F)
PERSUAP Classification	Type II

A. BACKGROUND

Agriculture is the economic foundation of Ethiopia. Employing about 72.7% of the workforce and contributing nearly 36% of GDP and 81% of foreign exchange earnings. Despite the marginal decline in its share in GDP in recent years, it is still the key sector in terms of its contribution to macroeconomic development of Ethiopia.

Climate change fundamentally and increasingly affects agriculture. Warming, drought and extreme weather are already altering yields and quality of crops produced around the world. They also stand to impact water availability, nutritional value of foods, and food security and as such the livelihoods of natural resource dependent communities. The economic effects are already being felt by farmers. (FAO, 2016)

Many studies argued that, the agriculture status of Ethiopia is characterized by low agricultural production and productivity. Such low productivity is emanating from environmental factors such as climate change, soil erosion and land degradation as well as weak extension services. Therefore, improving productivity while addressing the adverse effects of climate change on agriculture is a major concern in recent researches on Ethiopia agriculture.

Adoption of climate-smart agricultural practices can sustainably increase agricultural productivity and incomes and, hence, build resilience against shocks, including adverse effects of climate change. Climate-smart agriculture has a huge potential in developing countries like Ethiopia to reduce poverty and food insecurity through increasing agricultural production and incomes of rural households.

Ethiopian Guenet Church Development and Welfare organization (EGCDWO) is a local, faith based, non-profit and legally registered organization working since 1999 G.C across Ethiopia. EGCDWO exists to ensure that the holistic need of the poor, orphans and vulnerable and marginalized community members of Ethiopia are met through integrated development activities. EGCDWO operates in Addis Ababa, Oromia, Amhara and South Nations Nationalities and Peoples Regions.

B. ISSUE DESCRIPTION



The farming system in Ethiopia can be classified into five major categories the highland mixed farming system, lowland mixed agriculture, the pastoral system, shifting cultivation and commercial agriculture. And our farming system is characterized by low productivity, traditional farm practices, poor soil fertility, low use of farm inputs, and other related problems. As Ethiopia is vulnerable to climate changes, some of recurring problems facing the country include increased temperatures, intense heatwaves, more extreme rainfall, floods, landslides and shortage of rainfall. And due to this there is food insecurity (production loss) and shortage of water.

To combat the adverse effects of climate change and to reduce the vulnerability of smallholder farmers who are the worst affected by the changes several measures must be taken. One means of intervention is climate smart agriculture which is probably one of the most viable and sustainable option because it offers triple wins: mitigation and adaptation measures to climate changes and sustainably increasing agricultural productivity and incomes.

Dealing with negative effects of climate change on agricultural production through programming approaches and building the resilience capacities(absorptive and adaptive) is still challenges to farmers and staff of the host. Low level of knowledge and still about climate smart agriculture, tools and approaches that could work to small holder farmer s' setting is holding back the host from supporting its target groups.

The host EGCDWO lack qualified professionals on the issue and also don't have link with concerned research centers/agriculture offices to get the support they needed with this regard. So due to this the smallholder farmers in their project areas practice poor conservation agriculture, they have poor access to climate smart agricultural technologies, they have low productivity. And because of this the host asked CRS Farmer-To-Farmer Program volunteer support on CSA practices and technology.

C. OBJECTIVES OF THE ASSIGNMENT

The objective of this volunteer assignment is to train host staffs and farmers on climate smart agriculture practices, tools for improved productivity and sustainable conservation of natural resources as one of the mitigation and adaptation measures of climate change.

The specific objective of this assignment is

- Provide on training on CSA to host staff and small holder farmers for improving their knowledge and skills
- Introduce tools for host staff to programming CSA in the development interventions

Tran farmer on CSA practices that can be easily applied at farm level in addition, to these suggested topics, the F2F volunteer specialist will be given an opportunity to initially assess the knowledge and skill gaps of the host and comprehensively develop training topics for fruitful intervention. This will



be done during the early stages of the assignment. The target beneficiaries of this training and technical assistance will be around 50 people.

D. HOST CONTRIBUTION

The host has committed to mobilize the staff to receive the volunteer's technical and practical assistance. The host will also avail key personnel to work closely with the volunteer, assisting her/him during training and practical sessions, ensuring translation to the local language and advising on the culture of the area. CRS will cover lodging costs against receipts and other related costs. In coordination with the host and the volunteer, CRS will also arrange and pay for transport services for daily use to and from the office

E. ANTICIPATED RESULTS FROM THE ASSIGNMENT

It's anticipated that this volunteer assignment will help the staff and smallholder farmers to have a better understanding of CSA practices and the staffs will be able to replicate the CSA practices to other smallholder farmers and the farmers use it to improve their farm productivity.

- Hots capacity on CSA programming improved.
- Farmers apply CSA techniques on their farms.
- Increased in crop productivity
- Increased income and food security
- Improved management of soil and water.

F. ASSIGNMENT DELIVERABLES

The major anticipated outputs of this assignment include, but not limited to:

- Training lists with people trained
- Volunteer end of assignment report with recommendations to the host organization, action plan and recommendations to CRS
- Conduct a final debriefing (PowerPoint presentation) with the host organization (plus key stakeholders) and CRS/USAID
- Conduct outreach events upon return to the US

G. SCHEDULE OF VOLUNTEER ACTIVITIES IN ETHIOPIA



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Day	Activity
Day 1	Arrival in Addis at Bole Airport. The volunteer will be met by CRS's client hotel Eliana Hotel (https://www.booking.com/hotel/et/eliana. ; Phone: +251111262600). The volunteer will locate the hotel kiosk and use pre-arranged shuttle
Day 2	Rest Day (Sunday)
Day 3	<ul style="list-style-type: none">• Take hotel shuttle to come to CRS office (CRS working days are Monday to Friday from 8:00AM to 5:00 PM East Africa Time)• Welcoming by CRS, and briefing meeting on security, general orientation MEAL (attendance sheet, reporting and PPT templates), and logistic.• Receive COVID-19 and other infectious diseases orientation by CP health taskforce
Day 4	<ul style="list-style-type: none">• Travel to the assignment site Awassa which is 280 km from Addis Ababa• S/he will be introduced to the host• General orientation with the host, first-hand briefing on the main objectives and modality of the assignment and adjustment of the agenda for the coming days (work planning session).• Discuss anticipated outcomes and work plan• Conduct further assessment of skills and knowledge gaps with training participants• Based on information gathered and gaps identified, enrich the prepared training materials incorporating hands-on practices.• Develop 10 days (2 weeks training) curriculum covering key knowledge and skills Gaps
Day 5-19	Train participants on among other topics
Day 20	Briefing / exit meeting with the host in the presence of CRS staff
Day 21	<ul style="list-style-type: none">• Debriefing with CRS staff and/or USAID Mission• Finalize reimbursement expenditures and liquidations (if any) with finance.• Submit volunteer reports, training attendance sheet, assignment report, PPT presentation and any reference materials to CRS F2F team.



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Day	Activity
	<ul style="list-style-type: none"> • Depart for USA
TBD	Outreach event when back in the USA

H. DESIRABLE VOLUNTEER SKILLS

The volunteer will have the following skills, qualifications and competencies:

- Extensive knowledge and experience on agriculture development and diversified techniques/adaptation measures to managing effects of climate change.
- Advanced knowledge and skills of CSA
- Demonstrated field level experience in climate smart agriculture
- Experience and skill in adult teaching
- Good communicator and interpersonal skills
- Willingness and flexibility to train and technically assist staff whenever required
- Respect for the cultural and religious norms of the rural people.

I. ACCOMMODATION AND ANOTHER IN-COUNTRY LOGISTICS

- Before travelling to the assignment place, the volunteer will stay in Addis Ababa at one of the CRS's client hotels, Eliana Eliana Hotel (<https://www.booking.com/hotel/et/eliana>; Phone: +25111126 2600 that will be booked and confirmed before the volunteer arrival date. The hotel will have rooms that include services such as airport pickup and drop-off, breakfast, wireless internet etc.
- The hotel or CRS will arrange a vehicle for short travel from the hotel to CRS and vice versa while in Addis Ababa.
- All required materials will be prepared ahead of time and provided to the volunteer. CRS Ethiopia will provide the volunteer with a laptop computer (if s/he needs), local internet dongle and mobile phone with a charged local SIM-card. Any other required logistics and facilities can also be requested by the volunteer during her/his stay in Addis Ababa.
- CRS will provide a vehicle and accompany the volunteer to the place of assignment.
- During the assignment period, the volunteer will stay at Lewi Hotel, Awassa
- CRS Ethiopia will arrange hotel accommodations and cover the lodging bills against receipts.



- CRS HQ will provide the volunteer with a per-diem advance to cater meals and incidentals.
- CRS Ethiopia will also reimburse the volunteer with laundry costs against receipts.
- For more information, please refer to country information that will be provided.

J. RECOMMENDED ASSIGNMENT PREPARATIONS

- Although CRS F2F has developed such hinting SOW, the volunteer can fine-tune through her/his professional qualifications to successfully carry out this assignment.
- Prior to the assignment, the volunteer is advised to prepare necessary training and demonstration aids and written handouts. Softcopies of the handouts and any other paper materials can be printed for immediate use at the CRS office in Addis Ababa on request by the volunteer.
- If the volunteer requires simple training aids like flip charts, markers or tape s/he should make the request and collect from the CRS office in Addis Ababa prior to the assignment.
- Translation of handouts to the local language can be done in the locality of the assignment, if required.
- Depending on the meeting places and availability of electric power and LCD projector, the volunteer may use a laptop and projector for power point presentations.

K. KEY CONTACTS

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Host Organization	
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