



SAP008 "Extended Community Climate Change Project-Flood (ECCCP-Flood)"

Quarterly Environmental & Social Safeguards Monitoring Report

July 2021-September 2021







BASIC INFORMATION

Project ID / Output ID	SAP 008				
Full Title:	Extended Community Climate Change Project-Flood (ECCCP-				
	Food)				
Targeted Areas	Nilphamari, Lalmonirh	at, Gaibandha, Kurigram	& Jamalpur		
Start Date	27 April 2020	Completion date:	26 April 2024		
Total Project Fund: GCF (Grant): PKSF (Co-financing):	USD 13.33 million USD 9.68 million USD 3.65 million	Annual Project Fund:	USD 2.94 million		
National Designated Authority:	Economic Relations Division, Ministry of Finance, The People's Republic of Bangladesh.				
Accredited Entity:	Palli Karma-Sahayak Foundation (PKSF)				
Country:	Bangladesh				





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Acronyms

DPHE Department of Public Health Engineering

ECCCP Extended Community Climate Change Project

EC Executive Committee

ECA Environmental Conservation Act (1995)

ECR Environment Conservation Rule (1997)

ESAP Environment and Social Action Plan

ESMF Environmental and Social Management Framework

ESSS Environment and Social Safeguard Standard

ESS Environment and Social Safeguard

FGD Focus Group Discussion

GCF Green Climate Fund

GHG Greenhouse Gas

GRM Grievance Redress Mechanism

IEs Implementing Entities

IEE Initial Environmental Examination

IFC International Finance Corporation

PHC Primary Health Care

PKSF Palli Karma-Sahayak Foundation

PMU Project Management Unit

PO Partner Organization

PPE Personal Protective Equipment

PS Performance Standard





Executive Summary

Palli Karma-Sahayak Foundation (PKSF) is implementing the project titled "Extended Community Climate Change Project-Flood (ECCCP-Flood)" with grants financed by GCF. The project will assist targeted project participants to increase the resilience of the poor, marginalized and climatevulnerable communities to the adverse effects of climate change in the flood-prone areas of Bangladesh. ECCCP-Flood aims to provide climate-resilient shelters, livelihood, drinking water sources, and sanitation systems for these people. The ECCCP-Flood project is under Environment and Social Safeguard Category 'C' which means the project is likely to have minimal or no adverse environmental impacts. So, the Project Management Unit (PMU) developed an Environment and Social Action Plan (ESAP) for the sustainable adaptation measures of the project which is aligned with GCF's Environmental and Social Safeguard (ESS) policies and countries rules and regulations e.g., Bangladesh Labour Law, Environmental Law and Policy along with PKSF's Environmental and Social Management Framework (ESMF). This report will cover the progress that has been achieved between July 2021 to September 2021. Various activities have been performed by the Implementing Entities (IEs) under this project. Among those activities, protection of homesteads from adverse effects of flood, increased access to safe water and sanitation, access to flood-resilient livelihood, various workshops are taking place at the ground level, which is crucial for the project. Initially few IEs were visited by the PMU at different locations to identify potential environmental and social impacts of their activities. To monitor the environmental and social performance of the activities, PKSF's ESAP has been adopted. Visiting project locations helps to reveal a few common environmental impacts that have occurred due to project activities. Among those air pollution, for example, dust pollution, lack of waste management practice, lack of awareness on occupational health and safety, minimal land use pattern change are the most significant environmental impacts. No such activities regarding natural habitat loss, activities among reserve areas or conservation areas have been found. No unsolved community grievance was found during the field visit and IE level activity.





Quarterly Environmental and Social Safeguards Monitoring Report (July 2021 to September 2021)

A. Background and Description of the Project

The impacts of climate change in Bangladesh are becoming increasingly evident. It has already been reflected in natural disasters like floods, flash floods, salinity ingress, tidal surge, and drought. The frequency and intensity of these disasters are ever-increasing. The poor are at the highest risk. Women and children will be affected worse than any other groups in the community due to their low capacity to cope with the shocks. The poor and marginalized communities living in flood-prone areas generally depend on agriculture for their livelihoods which are highly sensitive to climate change. These climate-induced disasters affect habitation, availability of water, and sanitation systems. ECCCP-Flood aims to provide climate-resilient shelters, livelihood, drinking water sources, and sanitation systems for these people.

The project sought grant finance from the Green Climate Fund (GCF) in the reality that the people living in the riverine char areas are highly vulnerable to climate change fallout, particularly floods. Their homesteads see regular inundation during a normal flood. Their livelihoods depend on subsistence agriculture and agriculture wage labour which also are very sensitive to flooding. They lose their crops almost every alternative year. The women in the char areas are particularly vulnerable to floods because they have to look after children and old members of the households in addition to collecting drinking water, cooking food, looking after poultry and livestock, and other household activities. Adolescent girls and women are also vulnerable to sexual harassment during a flood because they have to stay on the embankments or flood shelters. These poor communities always struggle to meet their daily necessary commodities and have the least capacity to address additional threats.

B. Purpose of the Report

PKSF monitors ESS related issues due to the implementing activities under the 'ECCCP-Flood' project using ESAP prepared by themselves. The ESAP has been developed for the sustainable adaptation measures of the project which is aligned with GCF's ESS policies and countries rules and regulations which is aligned with Bangladesh Labour Law, Environmental





Law and Policy along with PKSF's ESMF. The purpose of the report is to document ESS implications of the community level adaptation interventions. The reports also capture lessons learned on environmental and social impacts at the field level and use them for further improvement of the quality of project implementations. The report will be shared through PKSF's website to make it publicly available.

C. Environment and Social Safeguard Standards (ESSs)

There are eight established ESSs that PKSF (including IE), and the project will meet through the project life cycle. They are as follows:

- Environmental and Social Standard 1: Assessment and Management of Environmental and Social Risks and Impacts
- Environmental and Social Standard 2: Labor and Working Conditions
- Environmental and Social Standard 3: Resource Efficiency and Pollution Prevention and Management
- Environmental and Social Standard 4: Community Health, Safety and Security
- Environmental and Social Standard 5: Land Acquisition, Restrictions on Land Use and Involuntary Resettlement
- Environmental and Social Standard 6: Biodiversity Conservation and Sustainable
 Management of Living Natural Resources
- Environmental and Social Standard 7: Indigenous Peoples/Traditional Local Communities
- Environmental and Social Standard 8: Cultural Heritage

D. Environmental and Social Safeguards Monitoring Report

The report is prepared based on field visits in the project areas where four checklists were used (attached in Annex-1 and Annex-2). The findings are described below:





1.1 Environmental and Social Standard 1: Assessment and Management of Environmental and Social Risks and Impacts

There are very limited environmental and social risks and impacts that have been identified during the environmental and social screening of the project. The PMU also developed a mitigation plan through developing an ESAP.

In the field, it is found that most of the activities are performed considering environmental and social safeguarding and as per the ESAP prepared by PKSF. There is no visible water pollution and noise pollution has been found in the project areas. But air and soil pollution are found in Kurigram and Lalmonirhat respectively. In Kurigram and Lalmonirhat, it is found that due to project activities, water congestion has been created. Dust management is a challenging issue in the project areas and proper dust management is not found in a few places of Gaibandha, Kurigram and Lalmonirhat.

There is a grievance record system where different types of complaints are written down. And in most cases, the complaints are resolved with the help of local leaders or IEs. And GRM is available in the project areas but it is not up to the mark. There are no unsolved grievance issues that have been found during this reporting period (The recorded facts related to the grievance are given on page-8).

1.2 Environmental and Social Standard 2: Labor and Working Conditions

All the labours are treated equally in the field and there is no gender discrimination issues has been found. All of them are getting equal opportunities to work except a few places in Nilphamari and Lalmonirhat due to their social restrictions. There is a good relationship between worker-management. And there are no negative issues found in any of the project locations. National employment and labour laws are followed strictly in the field and the labours are well known regarding their hours of work, wages, overtime, compensation and benefits. But no written Labour Management has been found except in Jamalpur and Nilphamari.





There are very limited harmful activities in the field and the implementing entities have ensured gloves, gum boots and masks for workers' safety. IEs have ensured safe drinking water for the workers. It should be mentioned that there are no issues found of slipping or falling or major injuries. And there are no cases of sexual harassment. Moreover, no past fire incidents were recorded in the project areas.

The labours are well-oriented about their health and safety by the implementing entities and there is Primary Health Care (PHC) facility in the field except for a few places of Nilphamari and Kurigram. As the project is running during the Covid-19 situation so in most of the cases (except a few places of Nilphamari, Lalmonirhat and Kurigram) it is ensured that the labours are working using masks and maintaining social distancing and other health protocols to protect themselves from Covid-19 and dust also. Same as group meetings, participants are using the mask as well as maintaining social distance. It is found that few workers in Nilphamari, Lalmonirhat and Kurigram are not willing to use a mask while working as they see it as an obstacle. Moreover, workers' health and safety sessions are taken in most of the places except a few places in Jamalpur, Kurigram and Lalmonirhat.

There is no labour under the age of 18 (Child Labour) and no labour is working forcefully there. Moreover, no external labour was found in the implementation process. All the activities are performed through the local people and project participants.

1.3 Environmental and Social Standard 3: Resource Efficiency and Pollution Prevention and Management

It is mentioned earlier that some air pollution issues have been found in Kurigram but that is not for the project relevant activities. And there is no such soil degradation issue except in a few places in Lalmonirhat due to plantation activities in the raised plinth that have already been implemented. Moreover, there is no such intervention till now that can produce hazardous waste or wastewater that can contaminate ground or surface water. And there are no such water congestion issues except in a few places of Kurigram due to plinth elevation.

It is ensured that the resources are used with care and there is a limited issue related to groundwater use in Lalmonirhat and a few places in Kurigram. Moreover, for plinth raising





most cases alluvial soil is not used except in a few places of Jamalpur, Nilphamari and Lalmonirhat. And there is no use of fertile topsoil in plinth raising.

There are no activities in the project that can emit Greenhouse Gas (GHG). Though some GHG sources are found in the project areas specially in Gaibandha, Kurigram, Lalmonirhat and Nilphamari that are not due to project activities.

1.4 Environmental and Social Standard 4: Community Health, Safety & Security

There are no such activities till now that can cause major community health, safety and security problems. Solid waste management is a challenging task in the project area and there is no such waste treatment method, rather a few numbers of pit/vermi-composting plants in a few areas in Jamalpur, Kurigram and Lalmonirhat. In a few areas in Jamalpur, Kurigram and Lalmonirhat, waste disposal in open places have been found. To mitigate the issues, regular sessions are being conducted to aware them and to motivate them in organic composting. As there is no tube-well or latrine installations have been done yet so the risk of ground or surface water contamination has not been found. But for tube-well installation, in most cases, advice has been taken from DPHE. There are no activities in the project that can cause harm to private or personal property.

1.5 Environmental and Social Standard 5: Land Acquisition, Restrictions on Land Use and Involuntary Resettlement

Minimal land use pattern change has been found in Gaibandha, Nilphamari and Jamalpur. But there is no displacement issue has been found. And there is no proper alternative land use plan or compensation plan has been set till now as no displacement issue has arisen. Moreover, there is no incident of forced eviction.

As the project participants are getting the house on high raised plinths so their standards of living are getting better than previous. Moreover, they are practising homestead gardening which is helping to meet the need of their livelihood and nutrition.

In a few areas in Jamalpur, Kurigram and Lalmonirhat some private homesteads facing some trouble as they are not on the list of project participants but their surroundings houses are on





the project participant list. So, they were facing trouble in the middle of some raised plinths. But now they have raised their house at their own cost to mitigate the problem.

1.6 Environmental and Social Standard 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources

At present, no such threat to biodiversity has been found. Most of the project areas have no such endangered species except in Lalmonirhat. So, protecting that endangered species has been taken as a prime concern during project implementation. Moreover, the project does not have any plan to implant alien invasive species. There are no such activities that are causing harm to ecosystem services.

Plantation on the raised plinth around the raised homesteads is increasing the number of natural resources. Few trees have been cut due to plinth raise activities in Kurigram but five more trees have been planted for one tree cutting to integrate conservation and development activities.

1.7 Environmental and Social Standard 7: Indigenous Peoples/ Traditional Local Communities

There are no indigenous people in the project intervention areas. And there is no such negative impact on the traditional local community.

1.8 Environmental and Social Standard 8: Cultural Heritage

The project intervention places have no such cultural heritage site.

1.9 Major Identified Impacts and Mitigation Measures found at the field level

Identified Impacts based on Field Visit	Mitigation Measures taken
Air Pollution in a few places of the project area	It is found that the air pollution is not causing due
	to project activities rather than other activities
Dust Pollution	Considering weather conditions like wind flow,
	wind speed etc. the labours are using musk and
	water spray





Greenhouse Gas (GHG) emission	It is found that the emission of GHG is not for the
Greenhouse das (GHG) emission	
	project activities rather than other activities
Soil Pollution and Degradation	More plantation work and turfing are going on to
	prevent soil erosion.
Lack of proper Solid Waste Management	Promotion of organic composting (pit/ vermi-
	composting) is going on and regular sessions are
	conducted to motivate the project participants to
	avoid open disposal.
Tree cutting or clear felling	Trying not to cut trees. If needed, five more
	saplings are planted for one tree felling. If needed
	plantation program will be designed.
Use of Groundwater	Emphasizing surface water irrigation and the
	economic use of irrigation water.
Water stagnation/ drainage congestion/ water	Constructing user-friendly drain/s and properly
logging	maintaining natural slop
Impact on surface water quality	Trying to introduce proper solid waste
	management
Covid-19 precaution	Trying to encourage workers to use the mask and
	maintaining social distance
Lack of Primary Health Care (PHC) facility	Trying to motivate the workers to follow the
	safety instruction and ensuring enough first-aid
	box
Land use pattern change	As there is no eviction or displacement issue so
	no alternative plan till now.
Equal opportunity for workers	As it is due to some social constraints so
	encouraging community people to break these
	taboo





2. Grievance Redress Mechanism

Several Grievance issues have been found in the field, but most of them are resolved with the help of local leaders or IEs. And most of the community people (except a few people in Gaibandha, Kurigram and Lalmonirhat) are well known regarding the grievance issue or mechanism and there are no complaints found that remains unsolved. Most of the complaints that are found are verbal. But the practice of Grievance Redress Mechanism (GRM) is not upto the mark in Gaibandha, Kurigram and Lalmonirhat. Few complaints and the action to resolve the issues have been discussed below:

Complains/Grievance	Types of	Action taken	Acceptance by the aggrieved person
	complain		(yes or no.)
	(written/verbal)		
Some project participants in	Verbal	As they did not get the training on goat/sheep rearing on	Yes
Lalmonirhat complained that they		time so they did not get the slatted houses in time.	
didn't get goat/sheep rearing slatted			
houses in just time.			
In Kurigram, a family shows	Verbal	As the family was living in an isolated place, it was not	Yes
dissatisfaction for not getting the		possible to raise his plinth. So, the house has been	
project's support.		transferred and attached to the adjacent cluster.	
Turfing is required for sustaining the	Verbal	IE staff advise them to collect grasses from Khash land	Yes
raised plinth. In Kurigram, project		in the char area.	
participants went to pick grass with			
soil from the fallow land of others,			





sometimes conflicts were raised with			
the landowner.			
In Kurigram, an indirect project	Verbal	IE staff tried to convince her that the project participant	Yes
participant pressurized the IE staff to		selection procedure had already been finished and she	
count her as a direct project participant		was not selected as she did not meet the criteria	
as she needs a slatted house.			
In Nilphamari, some community	Verbal	IE staff members formed a committee for proper	Yes
people have complained against one IE		investigation regarding the issue and found it as false	
staff member, who had taken money		information from the community.	
from the group members for admitting			
them as a CAG group member.			
In Nilphamari, a female project	Verbal	After an investigation by the IE staff members, it was	Yes
participant complained that her house		found that the land of the woman is under a police case	
in the cluster was not raised.		so the local UP Chairman (focal of GRM Member)	
		forbade raising the house.	





E. Conclusion

In the reporting period, it shows that based on the screening result the project is categorized 'C' i.e., no or minimum environmental and social impacts on the project area. Moreover, it is found that the selected Implementing Entities (IEs) of ECCCP-Flood are aware of the Environmental Screening and Initial Environmental Examination (IEE) formats and process. It is found that IEs have consulted with the project participants and local community in line with the EMF, ESS and ESAP and used prescribed formats for Environmental Screening and GRM. Moreover, in group discussions (e.g., FGD) the Programme participants and workers have been instructed to adopt environmentally sustainable practices. No activities were taken without resolving the community grievance.





Field Visit Pictures





Figure 1. The practice of homestead gardening using in the goat/cow manure

Figure 2. The practice of homestead gardening slope of raised plinth





Figure 3. Plantation in the slope of raised plinth

Figure 4. Vermicomposting



Figure 5. Plantation in the slope of raised plinth

Figure 6. Neat & Clean surroundings





Annex- I

Environmental and Social Safeguard Screening Format Extended Community Climate Change Project-Flood (ECCCP-Flood)

Name of IE:
Date of Screening:
Name of the Union:
Name of Upazila:
Name of the District:

Section 1: Environmental Risk Factors

Exclusion criteria	YES	NO	Comments
Will the activities involve associated facilities and			
require further due diligence of such associated			
facilities?			
Will the activities involve trans-boundary impacts			
including those that would require further due diligence			
and notification to downstream riparian states?			
Will the activities adversely affect working conditions			
and health and safety of workers or potentially employ			
vulnerable categories of workers including women,			
child labour?			
Will the activities potentially generate hazardous waste			
and pollutants including pesticides and contaminate			
lands that would require further studies on			
management, minimization and control and compliance			
to the country and applicable international			
environmental quality standards?			
Will the activities involve the construction,			
maintenance, and rehabilitation of critical infrastructure			
<u> </u>			





(like dams, water impoundments, coastal and river bank		
infrastructure) that would require further technical		
assessment and safety studies?		
Will the proposed activities potentially involve		
resettlement and dispossession, land acquisition, and		
economic displacement of persons and communities?		
Will the activities be located in protected areas and		
areas of ecological significance including critical		
habitats, key biodiversity areas and internationally		
recognized conservation sites?		
Will the activities affect indigenous peoples that would		
require further due diligence, free, prior and informed		
consent (FPIC) and documentation of development		
plans?		
Will the activities be located in areas that are considered		
to have archaeological (prehistoric), paleontological,		
historical, cultural, artistic, and religious values or		
contain features considered as critical cultural heritage?		

Section 2: Specific Environmental Impacts

SL	General intervention issues	Yes	No	N/A	Comments
No.					
	1. Issues related to Environme	ent & Po	ollution	1	
1.1	Is there any visible Water Pollution?				
1.2	Is there any visible Air Pollution?				
1.3	Is there any issue related to Soil Degradation				
	and Soil pollution?				
1.4	Is there any issue that causes Noise Pollution?				
1.5	Are there any interventions that cause Liquid				
	Waste or Waste-water?				





1.6	Are there any interventions that cause				
	Hazardous Waste?				
1.7	Does any intervention change the Land use				
	pattern?				
1.8	Is there any source that causes GHG				
	(Greenhouse Gas) emissions?				
2.	Issues related to Labour, Working Condition	, Occup	ationa	l Health	& Safety
2.1	Does everyone get Equal opportunity for				
	working?				
2.2	Is there any Negative incident between workers				
	and management?				
2.3	Is there any Child labour (age <18)?				
2.4	Is there any Labour working forcefully?				
2.5	Is there any written Labour Management				
	procedure?				
2.6	Does the Labour are well known about their				
	hours of work, wages, overtime, compensation				
	and benefits?				
2.7	Are there any Covid-19 precautions measures?				
2.8	Is there any preparedness for Fire incidents?				
2.9	Is there any past incident of slips and falling and				
	major injuries?				
2.10	Is there any protective measure for Dust				
	management?				
2.11	Is there any source of drinking water in the				
	workplace?				
2.12	Is there any session regarding works safety and				
	health?				
2.13	Is there any case regarding sexual harassment in				
	the workplace?				
2.14	Is there any PHC (Primary Health Care)/ First				
	Aid facility available in the workplace?				
1	1			1	i





3. Issues related to Resource & Energy						
3.1	Does the intervention use Groundwater?					
3.2	Does the intervention use Surface-water?					
	4. Issues related to Community	Health	& Safe	ety		
4.1	Is there any available Waste Treatment method?					
4.2	Is there any open Waste Disposal issue?					
4.3	Is the Goat Manure use as Fertilizer?					
4.4	Is there any promotion of Composting from wastes?					
4.5	Is there any Vermicomposting/ Pit Composting unit?					
4.6	Is it maintaining 30 feet distance between Tubewell (TW) and Latrine?					
4.7	Is any advice taken from DPHE regarding TW installation and Latrine construction?					
4.8	Is there any concrete made TW platform?					
4.9	Does the TW platform have enough slope to					
	drain water effectively?					
4.10	Are any TW water supply options, tested positive for Arsenic?					
4.11	Is there any possibility to affect the quality or quantity of Surface water?					
4.12	Is there any water congestion or a waterlogging issue?					
4.13	Is the Latrine designed considering Pregnant Women, Children and Elderly people?					
4.14	Is there any chance of Groundwater discharge/ Contamination of Drinking water or spreading water-borne diseases due to project intervention/ Latrine pit?					
4.15	Is Soak well available below the Latrine?					





4.16	Is there are available water tank beside the						
	Latrine?						
4.17	Are the Latrine and its surroundings neat and						
	clean?						
4.18	Is there any Hygiene Promotion Session?						
5. Issues related to Land							
5.1	Is there any forced resettlement issue?						
5.2	Is there any issue of displacement both \square \square						
	physically and economically?						
5.3	Is there any issue regarding forced eviction?						
5.4	Is there any alternative land use plan?						
5.5	Is there any compensation plan for the loss of						
	assets?						
5.6	Does project intervention affect any private						
	homesteads (vita with houses & other assets)?						
6. Issues related to Habitat, Wildlife & Biodiversity							
6.1	Is there any Endangered Species?						
6.2	Is there any issue relevant to an intervention of						
	Alien invasive species?						
6.3	Is there any deforestation or tree cutting or land						
	clearing issue?						
6.4	Is there tree plantation around the intervention						
	places or slopes of the plinth?						
7. Issues related to Raised Homestead							
7.1	Has the plinth been raised with Alluvial sand?						
7.2	Is it maintained at least 1 (one) feet height of the						
	plinth more than the previous flood level?						
7.3	Is there any damage to the plinth slope?						
7.4	Is there any use of fertile topsoil?						
7.5	Is there any run-off/surface water congestion						
	issue due to plinth raising?						
8. Issues related to Agriculture & Livelihood							





8.1	Are there any practices of vegetable cultivation on Sand-bars?		
8.2	Is there any training session for Integrated Pest Management (IPM)?		
8.3	Is Pheromone tape available in the cultivation plot?		
8.4	Does the Crop residues be used as fertilizers?		
8.5	Is there any use of banned pesticides/pest management methods?		
8.6	Is there any damage to the Agricultural land?		

Section 3: Social Grievance Issues

1. Issues related to Grievance					
SL	General intervention issues		No	N/A	Comments
No.					
1.1	Is there any record of Social Grievance				
1.2	Is there any practice of Grievance Redress Mechanism (GRM)?				
1.3	Is project interventions affect mosques, temples, graveyards, cremation grounds, and other places/objects that are of religious and cultural significance?				



Name of IE:

Working Area:

Reporting Period:

Quarterly ESS Monitoring Report (July-September 2021) ECCCP-Flood



Annex-II

Grievance Mechanism Monitoring Report Extended Community Climate Change Project- Flood (ECCCP- Flood)

Table	1: Grievance Mechanisn	1			
Sl. No.	Complains/Grievance	Types of complain (written/verbal)	Action taken	Acceptance by the aggrieved person (yes or no.)	Narratives about the issue/Remarks