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SUSTAINABLE FISHERIES MANAGEMENT PROJECT (SFMP)

Environmental Mitigation and Monitoring
Annual Report

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THE
UNIVERSITY
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The Coastal Resources Center

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CRC/URI	http://www.crc.uri.edu
DAA	http://womenthrive.org/development-action-association-daa
FoN	http://www.fonghana.org
Hen Mpoano	http://www.henmpoano.org
Resonance Global	https://resonanceglobal.com/

ACRONYMS

CEWEFIA	Central and Western Region Fishmongers Improvement Association
CBFM	Community Based Fisheries Management
CFR	Code of Federal Regulations
DAA	Development Action Association
EA	Environmental Assessment
ECO	Environmental Compliance Officer
EMMP	Environmental Mitigation and Monitoring Plan
FY	Fiscal Year
GoG	Government of Ghana
HM	Hen Mpoano
IEE	Initial Environmental Evaluation
IPs	Implementing Partners
M&E	Monitoring and Evaluation
SFMP	Sustainable Fisheries Management Project
SNV	Netherlands Development Organization
USAID	United States Agency for International Development

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OVERVIEW

USAID promotes environmentally sound design by requiring that all USAID funded activities undergo an environmental review. This is accomplished through an Initial Environmental Examination (IEE), an Environmental Assessment (EA) or a Request for a Categorical Exclusion, all in accordance with Title 22 of the Code of Federal Regulations Part 216, commonly known as 22 CFR 216 or "Reg 216."

During the FY 2015 of the USAID/Ghana Sustainable Fisheries Management Project (SFMP), an Environmental Monitoring and Mitigation Plan (EMMP) was prepared and approved by USAID. The EMMP complies with 22 CFR 216 and was prepared based on the revised USAID's Ghana Economic Growth Portfolio Initial Environmental Evaluation (IEE) which was already in place for the SFMP.

During the FY 2020 of the SFMP, all USAID environmental requirements laid down in the project Environmental Mitigation and Monitoring Plan (EMMP) were complied with to ensure no significant impact on the environment from activity implementation

Regular Monitoring and Inspection

Monitoring protocols detailing out potential adverse impact with mitigation measures were developed for partners for activities with a negative determination with conditions, to track and monitor the progress of these activities.

There were no construction activities undertaken in this reporting period. All previous construction activities completed showed no environmental concerns.

There were no mangrove reforestation activities during this reporting period.

Most activities focused on communications, training and policy development with no significant environmental concerns.

ENVIRONMENTAL MITIGATION AND MONITORING TABLE

Most activities that partners were implementing had no negative determination with conditions. Activities conducted in the FY 2019 period that had conditions and required monitoring and /or mitigation plans are included in the table below.

Table 1 Activities with negative determination with conditions

Mitigation Measure	Responsible Party	Monitoring Scheme				Estimated cost	Monitoring Log		
		Indicators	Data source/ method	How often	Date		Result	Follow-up	
<i>Activity 1.1 Support for legal and policy reform</i>									
<p>Section 3.6 Support to Governance and Policy/6. NRM Policy:</p> <p>1. TAs to support development /reform, review and advocacy of fisheries policies and management, coastal land use policy and management, climate change policy and REDD+ readiness, must be cognizant of relevant NRM policies to embody and strongly advocate measures to,</p> <ul style="list-style-type: none"> Fully embody the principles of sustainable fisheries and coastal zone management. Address adverse economic consequences on local communities, including from loss of usual and customary use of resources Integrate significant stakeholder consultation, including customary users 	SFMP		Review and screening of all policy documents, advocacy materials, to ensure that they are environmentally sound and follow the points outlined in the mitigation measures	Review and screening of documents	annually	NA	Sept 2020	<p>Legal reform activity was dropped.</p> <p>Co-management policy pending approval by MOFAD after cabinet approval</p> <p>No environmental issues of concern</p>	N/A

Mitigation Measure	Responsible Party	Monitoring Scheme				Estimated cost	Monitoring Log		
		Indicators	Data source/ method	How often	Date		Result	Follow-up	
<p>of resources</p> <ul style="list-style-type: none"> • Fully integrate the principles of adaptive management <p>2. Support for implementation, monitoring and enforcement is a required complementary activity following policy development</p> <p>3. Advocacy activities should be screened to assure they do not impact processes that provide for environmental protections.</p> <p>4. Advocacy for changes to environmental and natural resource protections, including but not limited to resource-use permitting, or licenses and permits must be reviewed and approved through an IEE amendment prior to implementation.</p> <p>Identify key environmental impacts of policies and legislative reforms through a screening and scoping exercise</p>									

Mitigation Measure	Responsible Party	Monitoring Scheme				Estimated cost	Monitoring Log		
		Indicators	Data source/ method	How often	Date		Result	Follow-up	
2.1 Ecological and socio-economic monitoring of the impacts of the closed season									
Section 3.3 Fisheries Extension/ 3b-Fisheries: <ul style="list-style-type: none"> In training members of the working group and otherwise building their capacity, training and, as appropriate, this capacity-building will integrate and promote general awareness of the environmental, health and safety risks presented by fishing and coastal economic activities, and appropriate choices and measures to manage these risks. This shall be generally consistent with the principles of sustainable fishery and coastal management, as set out, inter alia, in the fisheries chapter of USAID's Sector 	SFMP		Review and screening of all policy documents, advocacy materials, and training curricula to ensure that they are environmentally sound and follow the points outlined in the mitigation measures	Review and screening of documents	After completion of reports	NA	Sept 2020	No environmental concerns from this activity although the biological assessment indicated the closed season timing was wrong and should have been Aug-Sept rather than May-June. Socio-economic impact document significant impacts on fishing households, mainly short term loss of income, increased household hunger and reduced dietary diversity, all rebounded after the month-long closure. STWG report shows continued decline in fish stocks and overfishing still occurring	N/A

Mitigation Measure	Responsible Party	Monitoring Scheme				Estimated cost	Monitoring Log		
		Indicators	Data source/method	How often	Date		Result	Follow-up	
<i>Fisheries value chain improvements and livelihoods</i>									
4.2 Class 1 Certified Fish Processing Kitchens									
<p>IEE Section 3.5 Infrastructure: Agricultural plots and nurseries/6.1 rehabilitation or new facilities less than 1000M2.</p> <p>1. Site Selection</p> <ul style="list-style-type: none"> • Average slope of less than 5% and is not heavily forested, in an otherwise undisturbed local ecosystem, or in a protected area. • The site is not within 30m of a permanent or seasonal stream or water body <p>2. Construction</p> <ul style="list-style-type: none"> • IPs must desist from extracting fill, sand or gravel from waterways or ecologically sensitive areas • IPs must identify and implement any feasible measures to increase the probability that forest products like timber are procured from legal, well-managed sources. • Construction must be managed so that no standing water on the site more than 4 days; <p>3. Refurbishments of drying shed and the training on use and maintenance of the smoking ovens</p> <ul style="list-style-type: none"> • IP shall create awareness among users on the environmental damage of unsustainable use of grown woodlots 	Resonance		Field reports during and after construction by the Environmental Compliance Officer.	Regular field visits during construction period	During construction activities	NA	Sept 2020	Small in kind support was provided to a number of women processors to improve processing facilities, mainly for cementing dirt floors or roofing materials over smoker ovens.	N/A
								No environmental issues observed	

Mitigation Measure	Responsible Party	Monitoring Scheme				Estimated cost	Monitoring Log		
		Indicators	Data source/method	How often	Date		Result	Follow-up	
<p>4. Safety and health</p> <ul style="list-style-type: none"> • The contractor will: <ul style="list-style-type: none"> - Be required to have a Health and Safety Plan. - Be required to train the construction staff on the Health and Safety Plan. - Provide training on proper use of equipment. - Provide personal safety equipment to all workers (i.e. hard hats, goggles, steel-toed boots, gloves, dust masks). - Provide firefighting equipment/measures. <p>Provide medical services (access to a first aid kit).</p>									
4.4 Support for the national fisheries management plan: Support canoe registration and closed season									
<p>Section 3.3 Fisheries Extension/ 3b-Fisheries:</p> <ul style="list-style-type: none"> • In training data collectors and otherwise building the capacity of extension organizations, training and, as appropriate, organizational capacity-building will integrate 	SFMP		Review and screening of all policy documents, advocacy materials, and training curricula to ensure that they are environmentally sound and follow the points outlined in the mitigation measures	Review and screening of documents	After completion of reports	NA	Sept 2020	Canoe cards printed but not yet distributed No closed season declared in FY 2020. STWG reports show stock continues to decline and overfishing occurring.	N/A

Mitigation Measure	Responsible Party	Monitoring Scheme			Estimated cost	Monitoring Log		
		Indicators	Data source/ method	How often		Date	Result	Follow-up
<p>and promote general awareness of the environmental, health and safety risks presented by fishing and coastal economic activities, and appropriate choices and measures to manage these risks. This shall be generally consistent with the principles of sustainable fishery and coastal management, as set out, inter alia, in the fisheries chapter of USAID's Sector Environmental Guidelines (http://www.usaidgems.org/sectorGuidelines.htm).</p> <p>Section 3.3 Fisheries Extension/ 4b. Community Resource Mgt areas: training and mobilizing members, training in key management models.</p> <p>1. USAID support to community management of natural resources management/governance in any specific context is predicated on the underlying fisheries management plan</p> <p>Support to community natural</p>								

Mitigation Measure	Responsible Party	Monitoring Scheme				Estimated cost	Monitoring Log		
		Indicators	Data source/ method	How often	Date		Result	Follow-up	
resources management/governance in any specific context must be accompanied by strengthened monitoring of fisheries management, and reporting to central governmental authorities and, preferably, the public.									