



Training and Capacity Building Plan for the Stakeholders

Climate-Resilient Ecosystems and Livelihoods (CREL)

Dhaka

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Executive Summary

“Everything comes to us that belongs to us if we create the capacity to receive it”

Rabindranath Tagore

Bangladesh is the world's eighth most populous country, as well as one of world's most densely populated countries with a population of more than 160 million people in a territory of 56,977 sq mi. Because of its geographical situation, the country has become a playground of different disastrous climatic events. Man-made activities have made the country most vulnerable to climate change. Because of the increasing temperature and erratic behavior of rainfall over Bangladesh, the frequency and intensity of disastrous climatic events such as tropical cyclones, storm surges, thunderstorms/tornadoes, heavy rainfall, flood, erratic rainfall, droughts, sea level rise, etc. are likely to increase further. These climatic events will more impacts on the ecosystems, biodiversity and livelihoods of the country. The people of Bangladesh need to adapt with the changing conditions of climate and its impacts. Therefore, it is imperative to enhance the capacity and knowledge of the government officials at different levels and the community people.

One of the main objectives of CREL is to enhance the capacity of different Government organizations, NGOs and community people through training. During the Training Needs Assessment, it has become evident that the stakeholders at different levels such as national, regional, professional (Government Organizations and Implementing Partners) including grassroots levels (especially CMCs/RMOs, VCFs/RUGs) would need training and capacity building for understanding climate change and its impacts on natural resources, ecosystems and developing adaptation, mitigation and NRM plans. The stakeholders at national, regional, professional, CMC/RMO and VCF/RUG levels need capacity to understand climate change science, climate change impacts, risks and vulnerability to ecosystems and biodiversity. The purpose of this Training Plan is to enhance the knowledge regarding climate change adaptation and mitigation of the stakeholders and build sustainable NRM so that communities can better cope with climate change.

For training and capacity building of the stakeholders at different levels, a plan has been made for the CREL project through which actual objective of the component-2 is expected to be achieved. In preparing the plans, the general training prerequisites, training approach, techniques and tools, training needs identification methods, training requirements, learning objectives, roles and responsibilities of project partners have been discussed. The plan has been made for 5 years.

Training schedules for conducting training for the Government officers at the national level, regional, local level and the community people on forestry, wetlands, climate change basic science, causes of climate change, impacts of climate change on forestry, wetlands, fisheries, gender, ecosystems and biodiversity, and co management of forestry and wetlands. The estimated budgets for each workshop have been prepared.

On the basis of the plans, training manuals and modules would be prepared.

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Acronyms and Abbreviations

ACF	Assistant Conservator of Forest
AD	Assistant Director
ADB	Asian Development Bank
AFO	Assistant Fisheries Officer
BCAS	Bangladesh centre for Advanced Studies
BMD	Bangladesh Meteorological Department
CB	Community Based
CCA	Climate Change adaptation
CMCs	Community management Committees
CMO	Co-Management Organization
CNRS	Centre for Natural Resource Studies
CODEC	Community Development Centre
CREL	Climate Resilient Ecosystems and Livelihoods
DD	Deputy Director
DFO	Divisional Forest Officer/District Fisheries Officer
DOE	Department of Environment
DOF	Department of Fisheries
DRR	Disaster Risk Reduction
FD	Forest Department
GO	Government Organization
IUCN	International Union of Conservation of Nature
MoEF	Ministry of Environment and Forestry
MoFL	Ministry of Fisheries and Livestock
MoL	Ministry of Land
NACOM	National Conservation Management
NGO	Non-Government Organization
NRM	Nature Resource Management
PLA	Participatory learning and action
REDD+	Reducing Emission from Deforestation and forest Degradation including the role of conservation, sustainable management of forests and enhancement of forest carbon stocks.

RMO	Resource Management Organizations
RUG	Resource User Group
UFO	Upazila Fisheries Officer
SUFO	Senior Upazila Fisheries Officer
UNO	Upazila Nirbahi Officer
UP	Union Parishad
VCF	Village Conservation Forum
WB	World Bank

1. General information

Bangladesh is a small country having the Himalayan range in the north and the Bay of Bengal in the south; the other sides are surrounded by India. With a population of more than 160 million people in a territory of 56,977 sq mi, Bangladesh is the world's eighth most populous country, as well as one of world's most densely populated countries. The prevailing climate is monsoonal, and the dominantly agricultural economy is attuned to its wet and dry seasons. Because of its geographical conditions, Bangladesh is affected by different climatic disastrous events like tropical cyclones and associated storm surges, thunderstorms, tornadoes, floods, heavy rainfall, flash floods, droughts, heat waves and cold waves almost every year. Climate change has added a new dimension in increasing the intensity and frequency of disastrous climatic events, sea level rise with its impacts on forests, agriculture, wetlands, aquatic species, ecosystems and biodiversity, and livelihoods in the country. Therefore, it is essential to protect the ecosystems and biodiversity from the impacts of climate change, build up capacity of the local people and stakeholders at different levels to adapt with the situation arising out of the impact of climate change and make their livelihoods climate resilient with sustainable management of natural resources.

1.1 Project Background

The CREL strategy for capacity building is under component-2 of the project. The objectives of the CREL project are:

- to scale up and adapt successful co-management models to conserve ecosystems and protected areas
- to improve governance of natural resources and biodiversity
- to increase resilience to climate change through improved planning and livelihoods diversification
- to support long-term changes in human resource development within the concerned agencies and organizations and for the future through curricula and capacity of those teaching the next generation of co-managers
- to train key stakeholders and
- to strengthen technical, organizational, and financial capacity of CMOs for long-term sustainability

CREL project has three government departments and three ministries such as:

- 1.** Ministry of Environment and Forests (MoEF) - Department of Environment (DOE), Forest Department (FD)
- 2.** Ministry of Fisheries and Livestock (MoFL) - Department of Fisheries (DOF)
- 3.** Ministry of Land (MoL)

Besides, CREL has a team of national and international partners to implement the project in partnership with GoB. These partners are BCAS, CNRS, CODEC, NACOM, WorldFish and TetraTech ARD.

The component-2 is to enhance capacity of the line stakeholders both GOs and NGOs through structured training delivery. The training issues include NRM, DRR, Climate Change Adaptation and Mitigation plan development and for long-term sustainability that is possible to ensure co-management approach.

1.2 Purpose of the Training and Capacity Building Plan

During the Training Needs Assessment (TNA), it has become evident that the stakeholders at different levels such as national, regional, professional (government organizations and implementing partners) including grassroots levels (especially CMCs/RMOs and VCFs/RUGs) would need training and capacity building for understanding climate change and its impacts on natural resources, ecosystems and developing adaptation, mitigation and NRM plans. The stakeholders at national, regional, professional, CMC/RMO and VCF/RUG levels need capacity to understand climate change science, climate change impacts, risks and vulnerability to ecosystems and biodiversity.

Poor and vulnerable people of Bangladesh are particularly affected by climate change impacts, such as floods, heavy rainfall, droughts and other extreme weather events. The purpose of this Training Plan is to enhance the knowledge regarding climate change adaptation and mitigation of the stakeholders and build sustainable NRM so that communities can better cope with climate change.

- The purpose of the Training Plan is to enhance the knowledge regarding climate change adaptation and mitigation of the stakeholders and build sustainable NRM so that communities can better cope with climate change.
- For training and capacity building of the stakeholders at different levels a plan has been made for the CREL project through which actual objective of the component-2 is expected to be achieved.

The plan has been made for 5 years.

1.3 Scope and Limitation

The main objective of the training is to enhance the existing knowledge, understanding and skills of the government and non-government partner organizations, professionals and local institutions in relation to understanding climate change impacts and vulnerability planning and implementation of climate change adaptation, mitigation and REDD+. The members of CMCs/RMOs and VCFs/RUGs are lacking of knowledge regarding climate change and its impacts on NRM/ecosystems, climate change adaptation and mitigation. For better management of the ecosystems and natural resources, proper training and capacity building on climate change, its basics, impacts, adaptation and mitigation are necessary for the GO and NGO personnel and the members of CMCs/RMOs and VCFs/RUGs.

2. Training Approach, Techniques and Tools

Training would be provided to the stakeholders at different levels through workshops. The methodologies include:

- Participatory and interactive for shared learning and reflection
- Trend analysis of secondary data
- Audio-visual presentations/PowerPoint and lectures by the facilitator
- Presentation through VIPP cards, whiteboard, markers/images/leaflet/poster, etc. for the grassroots level
- Large group discussions (in plenary)
- Small group work and discussions
- Questioning techniques
- Brainstorming
- Practical exercises using participatory learning and action (PLA) tools
- Guiding questions for self-study

- Additional reading materials
- Engaging participants' creativity

2.1 Training Needs Identification Methods

Training needs have been assessed through discussions and consultations with CREL senior staff. In fact, detailed methodology and other aspects (e.g. targeted interviewee, timeframe, field visits etc.) related to training needs identification were shared with CREL for necessary support and inputs. This was practically useful for conceptual, planning and methodological development of the study. Few limitations of the study were also shared in the above mentioned meetings. Appropriate suggestions and comments of all these meetings were taken into consideration in implementing the training needs identification. A number of climate change and capacity building related documents were collected from different sources and reviewed. The major sources for secondary documents include MOEF, DOE, BFD, BMD, IUCN, CNRS, NACOM, CODEC, WB, ADB, CREL and BCAS. Information from relevant websites was also used.

2.2 Training Requirements

The training requirements are:

- Identification of climate expertise in the area
- Guidance on stakeholder engagement methods
- Customization of workshop design and process
- Facilitation of the workshop

It may be noted that BCAS has in-house capacity. For implementation of the plan, out sourcing of one/two experts may also be required for one/two areas.

2.3 Learning objectives

At the end of the training, participants will have

- increased awareness about climate change adaptation and mitigation, impacts of climate change on NRM, ecosystems and livelihoods
- developed knowledge and skills on how to integrate ecosystem management and disaster risk reduction into climate-resilient development planning processes
- increased awareness on sustainable management of natural resources
- improved cross-sectoral collaboration amongst their peers in environmental /ecosystem management, disaster risk reduction, climate change adaptation and development sectors.

The participants will also be able to:

- **Recognize** basic climate science principles
- **Identify** expected climate change impacts both locally, regionally and nationally
- **List** the fundamentals of adapting to climate change, including the planning process and conducting a risk and vulnerability assessment
- **Recognize** the need to engage all stakeholders in climate change preparedness activities
- **Indicate** the barriers to adaptation and recognize some tools to overcome them
- **Identify** existing regulations and how they impact their state's ability to prepare for climate change.

2.4 Roles and Responsibilities of Partners

The roles and responsibilities of the partners are:

- prepare the TNA report (BCAS),
- prepare the plans for carrying out the training and capacity building (BCAS),
- prepare the training Manuals and Modules for training and capacity building (BCAS),
- arrange ToTs (BCAS),
- implement the plans for training and capacity building in different levels (CODEC, CNRS, WorldFish, NACOM and TetraTech)
- Strategic Guidance/Expertise; Implementation of Training and Capacity Building Plan; Monitoring and Supervision of Partners Training Activities (CREL)

3. Training Materials

Administrative Materials:

- Stationery: ball pens, pencils, note books, clipboards
- Recording device
- Camera to document the process

Trainer's materials:

- Multimedia for PowerPoint presentations
- White board and Thick-tipped markers in a variety of colors
- Clip boards

Learns Materials:

- Handouts and printout of presentations
- Flipchart paper
- Colored paper
- Scotch tape

4. Gender

Bangladesh is known as one of the most vulnerable countries under climate change. Most of the world's poor are women and children and climate change will affect them severely as they mostly rely on natural resources. Women are affected by climate change differently from men because of the gender differences in cultural, social, and economic dimensions in developing countries. In the context of climate change, a 'gender analysis' promotes an understanding of the ways that men and women are differently impacted by climate-related hazards and by adopting adaptation and mitigation strategies. The women can contribute significantly in the climate change adaptation and mitigation process in effective ways. In this regard, the female should also be trained along with the male to enhance their capacity in understanding the climate change basics, its impacts on their livelihoods, climate change adaptation and mitigation, co-management of ecosystems and NRM. Therefore, the training will also focus on: (i) Women participation and empowerment and (ii) Role of male and female in planning and implementation of NRM, CCA and Livelihood.

Youth population of Bangladesh is directly and indirectly exposed to climate hazards. Already they are under pressure as they are facing shortage of safe drinking water and sanitation facilities, uncertainty in food security, access to health and education services. Especially climate change affects food supply to the youth and young women are seriously affected by dwindling food supply and increased food insecurity. Research shows that girls have more nutritional deficit than boys during times when food is scarce or food prices are high. Increased droughts and rainfall shortages will, therefore, have a stronger impact on younger women. So, it is increasingly felt that strengthening capacity of vulnerable groups especially young women, and youth to participate in adaptation practices to the impacts of climate change and mitigation is equally significant.

5. Strategy for training/capacity building under CREL

Training and capacity building is one of the major requirements for all sectors at all levels to be climate resilient. CREL project aims to make a common and shared understanding on climate change among its project stakeholders. As needed by the stakeholders, the following topics may be considered as “common issues of training” for CREL project partners:

1. Concepts and basic science of climate change and climate variability issues
2. Causes and consequences of climate change and climate variability
3. Climate Change Impacts and vulnerabilities to natural resources management
(Forest and wetlands: loss and damage assessment)
4. Climate Change Global, Regional and Country Context
5. Coping and Adaptation measures (Key Sectors) to climate change (policy, institutions, projects and programmes)
6. Climate Change and Disaster Linkages
7. Community Based Adaptation to Climate Change
8. Community Based Flood Management
9. Community Based Drought Management
10. Ecosystem Based Adaptation to Climate Change
11. Community Based NRM
12. Economics of Climate Change
13. Climate Change and Social Conflicts
14. Mainstreaming climate change and climate variability
15. Climate change and gender context
16. GIS and Remote Sensing as tools to adapt to Climate Change
17. IWRM as tool for Climate Change Adaptation
18. Climate Change Database Development, Monitoring and Management
19. Climate Change and Mitigation

The training and capacity building of the officials/personnel of the government organization at national/regional/local levels, NGO/implementing partners, community organizations like CMCs/RMOs and VCFs/RUGs would be done through structured programmes on the above issues.

6. Training and Capacity Building Plans

The Training and capacity building plans are prepared for five consecutive years with a view to enhancing the capacity of government and implementing organizations along with the local community people in respect of climate change adaptation and mitigation. Nine trainings, one in the 1st year and two each in other years will be conducted at national level for the officials of the Forest Department, Department of Fisheries and Department of Environment during 2013-2017. For Regional/Local level Government Officials, 16 trainings (four trainings each year at each cluster) will be conducted by Winrock, BCAS and implementing partners during 2014-2017. For Local Level government officers at Upazila level, four trainings in 4 clusters will be organized by Winrock and BCAS, and 16 trainings (4 trainings each at 4 clusters) will be organized by the implementing partners during 2014-2017. The implementing partners will initially take part in the training programmes and subsequently they will conduct the programmes in regional/locale level.

The trainings for the UP officials and CMO members may be conducted separately. In this case, a total of 18 trainings (two in the 1st year and four each in 4 years), will be conducted during 2013-2017, out of which four trainings will be conducted in four clusters by Winrock and BCAS; and the other trainings will be conducted by the implementing partners.

Considering the knowledge level of the VCF/RUG members, they are to be separated from the UP/CMO personnel. The training for the members of VCF and RUG will be conducted separately. The training will be one day duration (half day lecture and half day discussion). During training at CMOs level, regional project personnel will join and receive orientation to conduct training at VCF level. If necessary, BCAS will conduct one or two trainings at VCF level.

It may be noted that the training and capacity building workshops for the national, regional, local levels would be two-day long. The estimated budget per each training workshop has been prepared and the budgets are given in Appendix 1-4.

The plans are given below:

6.1 Training and Capacity Building Plans at different Levels

(a) Title: Climate Change Adaptation and Mitigation

SI No.	Training Title	Participants Criteria & No.	Level/ Area/ Region	Training Facilitation	Training Implementation Period								
					Y1	Y2				Y3			
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Climate Change Adaptation and Mitigation	National level govt. officers: FD: ACF-DFO. DOF: SUFO, UFO, DFO, DD. DOE:AD and DD Participants No: 40 prs/training	National	BCAS in support with WI/Region				√		√			
2	Do	Regional/Local Level Government Officers FD: Range Officer, Beat Officer, ACF. DOF: UFO, AFO, Field Assistant. DOE: AD, DD, sample Collectors, Field Inspector Participants No: 25prs x 1 Region = 25 prs/training	Regional	Do		√	√	√	√	√	√	√	√
3	Do	Local Level Govt. Sectoral Officers at Upazila Office: UNO/AC(land), Social Welfare Officer, Upazila woman and Children Welfare Officer, Family Planning & Health Officer, Youth Development Officer, Upazila Forest Officer, Upazila Fisheries Officer, LGED Sub-Assistant Engineer. Participants No: 8 prs x 3 Upazila = 24 prs/training	Local	Do		√	√	√	√	√	√	√	√
4	Do	Upazila/Local Level Organizations: UP: Chairman, Vice Chairman, UP Female members, Secretary. Participants No: 4 prs x 6 Union = 24 prs/training	Local	Do		√	√	√	√	√	√	√	√
5	Do	Community/ Local Level Organizations: CMCs and RMOs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do	√	√	√	√	√	√	√	√	√
6	Do	Community/ Local Level Organizations: VCFs and RUGs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do	√	√	√	√	√	√	√	√	√

SI No.	Training Title	Participants Criteria & No.	Level/ Area / Region	Training Facilitation	Training Implementation Period							
					Y4				Y5			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Climate Change Adaptation and Mitigation	National level govt. officers: FD: ACF-DFO. DOF: SUFO, UFO, DFO, DD. DOE:AD and DD Participants No: 40 prs/training	National	BCAS in support with WI/Region			√		√			
2	Do	Regional/Local Level Government Officers FD: Range Officer, Beat Officer, ACF. DOF: UFO, AFO, Field Assistant. DOE: AD, DD, sample Collectors, Field Inspector Participants No: 25prs x 1 Region = 25 prs/training	Regional	Do	√	√	√	√	√	√	√	√
3	Do	Local Level Govt. Sectoral Officers at Upazila Office: UNO/AC(land), Social Welfare Officer, Upazila woman and Children Welfare Officer, Family Planning & Health Officer, Youth Development Officer, Upazila Forest Officer, Upazila Fisheries Officer, LGED Sub-Assistant Engineer. Participants No: 8 prs x 3 Upazila = 24 prs/training	Local	Do	√	√	√	√	√	√	√	√
4	Do	Upazila/Local Level Organizations: UP: Chairman, Vice Chairman, UP Female members, Secretary. Participants No: 4 prs x 6 Union = 24 prs/training	Local	Do	√	√	√	√	√	√	√	√
5	Do	Community/ Local Level Organizations: CMCs and RMOs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do	√	√	√	√	√	√	√	√
6	Do	Community/ Local Level Organizations: VCFs and RUGs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do	√	√	√	√	√	√	√	√

(b) Title: Climate Resilient NRM

SI No.	Training Title	Participants Criteria & No.	Level/ Area/ Region	Training Facilitation	Training Implementation Period								
					Y1	Y2				Y3			
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Climate Resilient NRM	National level govt. officers: FD: ACF-DFO. DOF: SUFO, UFO, DFO, DD. DOE:AD and DD Participants No: 40 prs/training	National	BCAS in support with WI/Region					√		√		
2	Do	Regional/Local Level Government Officers FD: Range Officer, Beat Officer, ACF. DOF: UFO, AFO, Field Assistant. DOE: AD, DD, sample Collectors, Field Inspector Participants No: 25prs x 1 Region = 25 prs/training	Regional	Do		√	√	√	√	√	√	√	√
3	Do	Local Level Govt. Sectoral Officers at Upazila Office: UNO/AC(land), Social Welfare Officer, Upazila woman and Children Welfare Officer, Family Planning & Health Officer, Youth Development Officer, Upazila Forest Officer, Upazila Fisheries Officer, LGED Sub-Assistant Engineer. Participants No: 8 prs x 3 Upazila = 24 prs/training	Local	Do		√	√	√	√	√	√	√	√
4	Do	Upazila/Local Level Organizations: UP : Chairman, Vice Chairman, UP Female members, Secretary. Participants No: 4 prs x 6 Union = 24 prs/training	Local	Do		√	√	√	√	√	√	√	√
5	Do	Community/ Local Level Organizations: CMCs and RMOs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do		√	√	√	√	√	√	√	√
6	Do	Community/ Local Level Organizations: VCFs and RUGs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do		√	√	√	√	√	√	√	√

SI No.	Training Title	Participants Criteria & No.	Level/ Area/ Region	Training Facilitation	Training Implementation Period							
					Y4				Y5			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Climate Resilient NRM	National level govt. officers: FD: ACF-DFO. DOF: SUFO, UFO, DFO, DD. DOE:AD and DD Participants No: 40 prs/training	National	BCAS in support with WI/Region				√		√		
2	Do	Regional/Local Level Government Officers FD: Range Officer, Beat Officer, ACF. DOF: UFO, AFO, Field Assistant. DOE: AD, DD, sample Collectors, Field Inspector Participants No: 25prs x 1 Region = 25 prs/training	Regional	Do	√	√	√	√	√	√	√	√
3	Do	Local Level Govt. Sectoral Officers at Upazila Office: UNO/AC(land), Social Welfare Officer, Upazila woman and Children Welfare Officer, Family Planning & Health Officer, Youth Development Officer, Upazila Forest Officer, Upazila Fisheries Officer, LGED Sub-Assistant Engineer. Participants No: 8 prs x 3 Upazila = 24 prs/training	Local	Do	√	√	√	√	√	√	√	√
4	Do	Upazila/Local Level Organizations: UP: Chairman, Vice Chairman, UP Female members, Secretary. Participants No: 4 prs x 6 Union = 24 prs/training	Local	Do	√	√	√	√	√	√	√	√
5	Do	Community/ Local Level Organizations: CMCs and RMOs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do	√	√	√	√	√	√	√	√
6	Do	Community/ Local Level Organizations: VCFs and RUGs Participants No: 25 prs x 1 Region = 25 prs/training	Local	Do	√	√	√	√	√	√	√	√

7. Training Schedules

Training and capacity building will be done through organizing workshops at different levels. The Schedules for the Government organizations, NGOs and CMC/RMO and VCF/RUG are given below:

7.1 Training Schedules for the Government Organizations and Community

(a) National Level Government Organizations

Title: Climate Change Adaptation and Mitigation

Objectives: After completion of this training the participants will be able to know about the following topics -

- Concepts and basics on climate change science
- Climate change impacts on women and gender relation
- Climate Change impacts on different ecosystems and biodiversity
- Climate Change adaptation and mitigation measures in forest and fisheries
- Planning climate Change and mitigation projects
- Causes and consequences of climate change and climate variability
- Climate Change Global, Regional and Country Context
- Climate Change and Disaster Linkages
- Community Based Adaptation to Climate Change

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Developments in climate change science
- How climate change impacts on women and gender relation
- Impact of climate change and it's impacts on different ecosystems and biodiversity
- The climate change adaptation and mitigation options
- How to effectively take part in planning due to climate change
- Find out the causes and consequences of climate change and it's variability
- Knowledge development on Climate Change regarding Global, Regional and Country Context
- How to linkage between Climate Change and Disaster
- Improve skill on Community Based Adaptation to Climate Change

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: National level policy formulators and strategic planners

**Training Program Schedule and Curriculum for National level Policy
Formulators and Strategic Planners
On
“Climate Change Adaptation and Mitigation”**

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Concepts and basics on climate change science	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Tea Break	Supply amongst participants	Facilitators
11:15-12:15	Climate change impacts on women and gender relation	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	Climate Change impacts on different ecosystems and biodiversity	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Prayer and Lunch Break	Arrange of food for participants	Facilitators
14:15-15:15	Climate Change adaptation and mitigation measures in forest and fisheries	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	Planning Climate Change and mitigation projects	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Causes and consequences of climate change and climate variability	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Tea break	Supply amongst participants	Facilitators
11:00-12:00	Climate Change Global, Regional and Country Context	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Climate Change and Disaster Linkages	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Prayer and Lunch Break	Arrange of food for participants	Facilitators
14:00-15:00	Community Based Adaptation to Climate Change	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

Title: Climate Resilient Natural Resource Management

Objectives: After completion of this training the participants will be able to know about the following topics -

- Climate Resilient NRM
- Co-management of Forests and wetlands
- REDD+
- Forests related Mitigation, and Adaptation
- SLR impacts on forests biodiversity at coastal area
- Climate Change impacts on fisheries sector and livelihood
- Formulation and implementation of climate change in wetlands
- Community Based Flood and Drought Management

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- The Climate Resilient NRM
- Increase awareness on Co-management of Forests and wetlands
- REDD+ mechanism
- Mitigation and Adaptation process related to forests
- How to SLR impacts on forests biodiversity at coastal area
- The Climate Change impacts on fisheries sector and livelihood
- Formulation and implementation process of climate change in wetlands
- How to manage flood and drought through community

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: National level Policy Formulators and Strategic Planners

**Training Program Schedule and Curriculum for National level Policy
Formulators and Strategic Planners
on
“Climate Resilient Natural Resource Management”**

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Climate Resilient NRM	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	Co-management of Forests and wetlands	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	REDD+	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break, Prayer and Lunch	Arrange of food for participants	Facilitator
14:15-15:15	Forests related Mitigation, and Adaptation	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	SLR impacts on forests biodiversity at coastal area	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Climate Change impacts on fisheries sector and livelihood	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Formulation and implementation of climate change in wetlands	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Community Based Flood Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Community Based Drought Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

(b) Regional/Local Level Government Officers

Title: Climate Change Adaptation and Mitigation

Objectives: After completion of this training the participants will be able to know about the following topics -

- Concepts and basics on climate change science
- Climate Change impacts and Forests Management
- Climate Change and Wildlife Biology
- Climate change impacts on women and gender relation
- Climate Change Awareness Training & campaign
- Causes and consequences of climate change and climate variability
- Climate Change Global, Regional and Country Context
- Climate Change and Disaster Linkages
- Community Based Adaptation to Climate Change

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Developments in climate change science
- Increase awareness on Climate Change impacts and Forests Management
- Capacity development on Climate Change and Wildlife Biology
- How Climate change impacts on women and gender relation
- The Climate Change Awareness Training & campaign
- Find out the causes and consequences of climate change and its variability
- Knowledge development on Climate Change regarding Global, Regional and Country Context
- How to linkage between Climate Change and Disaster
- Improve skill on Community Based Adaptation to Climate Change

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: **FD:** Range Officer, Beat Officer, ACF; **DOF:** UFO, AFO, Field Assistant; **DOE:** AD, DD, sample Collectors, Field Inspector

**Training Program Schedule and Curriculum for Regional/Local Level
Government Officers
on
“Climate Change Adaptation and Mitigation”**

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Concepts and basics on climate change science	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	Climate Change impacts and Forests Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	Climate Change and Wildlife Biology	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break and Lunch	Arrange of food for participants	Facilitators
14:15-15:15	Climate change impacts on women and gender relation	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	Climate Change Awareness Training & campaign	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Causes and consequences of climate change and climate variability	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Climate Change Global, Regional and Country Context	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Climate Change and Disaster Linkages	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Community Based Adaptation to Climate Change	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

Title: Climate Resilient Natural Resource Management

Objectives: After completion of this training the participants will be able to know about the following topics -

- Community Based Aforestation (social forestry) and NRM
- REDD+
- SLR impacts on forests biodiversity
- Climate Change impacts on fisheries infrastructure
- Climate Change impacts on fisheries sector and livelihood
- Mainstreaming climate change adaptation and mitigation in fisheries and forests
- Community Based Flood and Drought Management
- Ecosystem Based Adaptation to Climate Change

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Improve knowledge on Community Based Aforestation (social forestry) and NRM
- Develop capacity regarding REDD+
- SLR impacts on forests biodiversity
- The Climate Change impacts on fisheries infrastructure
- The Climate Change impacts on fisheries sector and livelihood
- Mainstreaming process of climate change adaptation and mitigation in fisheries and forests
- Increase skill on Community Based Flood and Drought Management
- Create awareness on Ecosystem Based Adaptation to Climate Change

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: **FD:** Range Officer, Beat Officer, ACF; **DOF:** UFO, AFO, Field Assistant; **DOE:** AD, DD, sample Collectors, Field Inspector.

**Training Program Schedule and Curriculum for Regional/Local Level
Government Officers
on
“Climate Resilient Natural Resource Management”**

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Community Based Aforestation (social forestry) and NRM	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	REDD+	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	SLR impacts on forests biodiversity	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break and Lunch	Arrange of food for participants	Facilitators
14:15-15:15	Climate Change impacts on fisheries infrastructure	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	The Climate Change impacts on fisheries sector and livelihood	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Mainstreaming climate change adaptation and mitigation in fisheries and forests	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Community Based Flood Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Community Based Drought Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Ecosystem Based Adaptation to Climate Change	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

(c) Local Level Government Officers at Upazila Level

Title: Climate Change Adaptation and Mitigation

Objectives: After completion of this training the participants will be able to know about the following topics -

- Concepts and basic science on climate change and climate variability issues
- Causes and consequences of climate change and climate variability
- Climate Change Impacts and vulnerabilities to natural resources management (social, economic, environmental, technological)
- Community Based Adaptation and mitigation due to Climate Change impact
- Climate change and family planning, Climate change impacts on women and gender relation
- Climate Change Global, Regional and Country Context
- Climate Change and Disaster Linkages
- Community Based Adaptation to Climate Change
- Community Based NRM

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Developments in climate change science
- Increase awareness on Climate Change Impacts and vulnerabilities to natural resources management
- Capacity development on Community Based Adaptation and mitigation due to Climate Change impact
- How Climate change impacts on women and gender relation
- Find out the causes and consequences of climate change and its variability
- Knowledge development on Climate Change regarding Global, Regional and Country Context
- How to linkage between Climate Change and Disaster
- Improve skill on Community Based Adaptation to Climate Change
- NR management through community participation

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: UNO/AC (land), Social Welfare Officer, Upazila Women and Children Welfare Officer, Family Planning and Health Officer, Youth Development Officer, Upazila Forest Officer, Upazila Fisheries Officer, LGED Sub-Assistant Engineer.

Training Program Schedule and Curriculum for Local Level Government Officers
On
“Climate Change Adaptation and Mitigation”

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Concepts and basic science on climate change and climate variability issues	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	Causes and consequences of climate change and climate variability	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	Climate Change Impacts and vulnerabilities to natural resources management (social, economic, environmental, technological)	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break and Lunch	Arrange of food for participants	Facilitators
14:15-15:15	Community Based Adaptation and mitigation due to Climate Change impact	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	Climate change and family planning, Climate change impacts on women and gender relation	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Community Based NRM	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Climate Change Global, Regional and Country Context	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Climate Change and Disaster Linkages	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Community Based Adaptation to Climate Change	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

Title: Climate Resilient Natural Resource Management

Objectives: After completion of this training the participants will be able to know about the following topics -

- Climate change and community Based NRM
- Conservation of biodiversity and conservation of ecosystems
- Co-management of forests and wetlands
- Community based flood and drought Management
- Climate Change Awareness Training
- Ecosystem Based Adaptation to Climate Change
- Economics of Climate Change
- Climate Change and Social Conflicts
- Mainstreaming climate change and climate variability

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Improve knowledge on Climate change and community Based NRM
- Develop capacity regarding Conservation of biodiversity and conservation of ecosystems
- Capacity building on Co-management of forests and wetlands
- Community based Management process of flood and drought
- Increase skill on Climate Change Awareness Training

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: UNO/AC (land), Social Welfare Officer, Upazila Women and Children Welfare Officer, Family Planning and Health Officer, Youth Development Officer, Upazila Forest Officer, Upazila Fisheries Officer, LGED Sub-Assistant Engineer.

**Training Program Schedule and Curriculum for Local Level Government
Officers
On
"Climate Resilient Natural Resource Management"**

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Climate change and community Based NRM	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	Conservation of biodiversity and conservation of ecosystems	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	Co-management of forests and wetlands	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break and Lunch	Arrange of food for participants	Facilitators
14:15-15:15	Community based flood and drought Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	Climate Change Awareness Training	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Economics of Climate Change	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Climate Change and Social Conflicts	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Mainstreaming climate change and climate variability	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Ecosystem Based Adaptation to Climate Change	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

d) Community/Local Level Organizations

Title: Climate Change Adaptation and Mitigation

Objectives: After completion of this training the participants will be able to know about the following topics -

- Concepts and basics on climate change science, Causes of Climate Change, GHG, Global Warming
- Climate change scenario in Bangladesh, Forests related Mitigation and Adaptation
- Disastrous Natural Climatic Events and their impacts on Forests, Ecosystems and livelihoods, and Forests Co-Management
- Community Based Aforestation (Social forestry)
- Climate change and family planning, Climate change impacts on women and gender relation
- Climate Change Awareness Training
- Climate Change and Disaster Linkages
- Community Based Adaptation to Climate Change
- Community Based NRM

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Developments in climate change science
- Increase awareness on Climate change scenario in Bangladesh, Forests related Mitigation and Adaptation
- Capacity development on Disastrous Natural Climatic Events and their impacts on Forests, Ecosystems and livelihoods, and Forests Co-Management
- How Climate change impacts on women and gender relation
- The Climate Change Awareness Training
- Knowledge development on Community Based Aforestation (Social forestry)
- How to linkage between Climate Change and Disaster
- Improve skill on Community Based Adaptation to Climate Change
- NR management through community participation

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: **UP:** Chairman, Vice-chairman, UP female members, Secretary

CMO: CMCs and RMOs

VCFs and RUGs (Training to be organized separately for VCF and RUG)

Training Program Schedule and Curriculum for Community/Local Level Organizations

on "Climate Change Adaptation and Mitigation"

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/ Facilitator
09:45-10:45	Concepts and basics on climate change science, Causes of Climate Change, GHG, Global Warming	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	Climate change scenario in Bangladesh, Forests related Mitigation and Adaptation	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	Disastrous Natural Climatic Events and their impacts on Forests, Ecosystems and livelihoods, and Forests Co-Management	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break and Lunch	Arrange of food for participants	Facilitators
14:15-15:15	Community Based Aforestation (Social forestry)	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	Climate change and family planning, Climate change impacts on women and gender relation	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Climate Change Awareness Training	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Climate Change and Disaster Linkages	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Community Based Adaptation to Climate Change	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Community Based NRM	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/Facilitator

Title: Climate Resilient Natural Resource Management

Objectives: After completion of this training the participants will be able to know about the following topics -

- Necessity of the conservation of biodiversity and conservation of ecosystems
- Protected areas (PAs), Forest and Classification and types of ECA , REDD+
- Wetlands in Bangladesh, vulnerable aquatic species, ecosystems
- Impact of climate change on Forest and Aquatic species
- Forests land management under changing condition (Hill, plain land and coastal forests)
- Community based flood management
- Community based drought management
- Ecosystem based adaptation to climate change
- Climate change and social conflicts

Learners Objectives: After attending the training course the participants will be able to develop knowledge on the following -

- Improve knowledge on necessity of the conservation of biodiversity and conservation of ecosystems
- Develop capacity regarding Protected areas (PAs), Forest and Classification and types of ECA , REDD+
- Capacity building on wetlands in Bangladesh, vulnerable aquatic species, ecosystems
- How climate change impact on Forest and Aquatic species
- Increase skill on forests land management under changing condition (Hill, plain land and coastal forests)
- Create awareness on community based flood and drought management
- Ecosystem based adaptation to climate change
- Climate change and social conflicts

Duration: 2 Days

Facilitator (s): BCAS, Winrock and other partners.

Participants/Target groups: **UP:** Chairman, Vice-chairman, UP female members, Secretary

CMO: CMCs and RMOs

VCFs and RUGs (Training to be organized separately for VCF and RUG)

Training Program Schedule and Curriculum for Community/Local Level Organizations
on
“Climate Resilient Natural Resource Management”

Day one:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:15	Registration	Registration form	Facilitators
09:15-09:45	Inauguration, Welcome Address and Introductory Remarks and Setting Learning Environment	Lecture, Pair/self introduction	Govt. Representative/Facilitator
09:45-10:45	Necessity of the conservation of biodiversity and conservation of ecosystems	Power Point Presentation/ lecture/question and answer	Facilitator
10:45-11:15	Health Break and Tea	Supply amongst participants	Facilitators
11:15-12:15	Protected areas (PAs), Forest and Classification and types of ECA , REDD+	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:15-13:15	Wetlands in Bangladesh, vulnerable aquatic species, ecosystems	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:15-14:15	Health Break and Lunch	Arrange of food for participants	Facilitators
14:15-15:15	Impact of climate change on Forest and Aquatic species	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.15-15.30	Health Break and Tea	Supply amongst participants	Facilitators
15.30-16.30	Forests land management under changing condition (Hill, plain land and coastal forests)	PowerPoint Presentation/ lecture/question and answer	Facilitator

Day Two:

Time	Training Sessions/Topics	Training Method	Facilitation
09:00-09:30	Recapitulation of Day one Session	Large Group Discussion	Facilitator
09:30-10:30	Community based flood management	Power Point Presentation/ lecture/question and answer	Facilitator
10:30-11:00	Health Break and Tea	Supply amongst participants	Facilitators
11:00-12:00	Community based drought management	PowerPoint Presentation/ lecture/question and answer	Facilitator
12:00-13:00	Ecosystem based adaptation to climate change	PowerPoint Presentation/ lecture/question and answer	Facilitator
13:00-14:00	Health Break and Lunch	Arrange of food for participants	Facilitators
14:00-15:00	Climate change and social conflicts	PowerPoint Presentation/ lecture/question and answer	Facilitator
15.00-15.15	Health Break and Tea	Supply amongst participants	Facilitators
15.15-15.45	Open Discussion and Question and Answer	Question and answer	Facilitator
15.45-16.00	Training Evaluation	Evaluation format	Facilitator
16.00-16.30	Closing Remarks and feeling sharing	Lecture and Participation	Govt. Representative/ Facilitator

8. Monitoring and Evaluation

A. Evaluation of Community Based (CB) activities: what we have done?

- Coverage of CB activities: Education, training and public awareness
- Range and size of beneficiaries
- Project numbers and amount of financial resources: Phases and total expenditure
- Timing: how quick and how timely? (The two-day training courses)

B. Survey Review on the Project Performance

- **Survey methods**

- Questionnaire survey at the end of training courses
- Telephone Return Visit

- **Performance evaluation**

- To what degree participants acquire the intended knowledge, skills, attitudes, confidence and commitment based on their participation in a training event

- To what degree participants apply what they learned during training when they return to duty.

- Comparing the difference of trainees' awareness on climate change before and after training course

- Change of trainees' attitude on whether to consider climate change issue in their decision-making process

9. Conclusion

One of the main objectives of CREL is enhancing the capacity of different Government organizations, NGOs and community people through training. For training and capacity building of the stakeholders at different levels, plans have been made for the CREL project through which actual objective of the component-2 is expected to be achieved. Training schedules have been prepared for conducting training for the Government officers at the national level, regional, local level and the community people on forestry, wetlands, climate change basic science, causes of climate change, impacts of climate change on forestry, wetlands, fisheries, gender, ecosystems and biodiversity, and co management of forestry and wetlands.

On the basis of the plans, training manuals and modules would be prepared.

Appendix-1

Climate Resilient Ecosystems and Livelihoods Capacity building training for National Level Govt. Organizations

Participants: FD: ACF-DFO; DOF: SUFO, UFO, DFO, DD; DOE:AD and DD

Number of participants: 40

Duration: 2 days

Venue: Spectra Convention Center

Sl	Description	Unit	Cost	Day(s)	Total cost (Taka)	Remarks
1	Honorarium for participants (Meals & Incidental/Local Transport)	40	1500	-	60000	It may vary as per region
2	Accommodation for participants (outside of Dhaka)	20	1000	3	60000	Do
3	Travel expense (participants from outside of Dhaka)	20	2000	-	40000	Do
4	Trainers Honorarium	2	1500	2	6000	
5	Banner	1	1200	-	1200	
6	Venue charge	1	80000	2	160000	
7	Snacks - morning	60	200	2	24000	
8	Snacks - afternoon	60	200	2	24000	
9	Lunch	60	550	2	66000	
10	Vehicle rent (local transportation)	1	2000	2	4000	
11	Multimedia projector	1	2500	2	5000	
12	Generator	1	2000	2	4000	
13	Contingency				10000	
14	Training materials (details enclosed)				17850	
Total					482050	
Taka four lakh eighty two thousand and fifty only						

Appendix-2

Climate Resilient Ecosystems and Livelihoods Capacity building training for Regional/Local Level Government Officers

Participants: FD: Range Officer, Beat Officer, ACF, DOF: UFO, AFO, FA; DOE: AD, DD,
Sample Collectors, Field Inspectors

Number of participants: 40

Duration: 2 days

Venue: Regional base (Chittagong, Cox's Bazar, Sylhet and Khulna)

Sl	Description	Unit	Cost	Day(s)	Total cost (Taka)	Remarks
1	Honorarium for participants (Meals & Incidental/Local Transport	40	500	2	40000	It may vary as per region
2	Accommodation for participants (other districts)	20	500	3	30000	Do
3	Travel expense (within regional/other districts)	20	1000	-	20000	Do
4	Trainers Honorarium	2	750	2	3000	
5	Banner	1	1200	-	1200	
6	Venue charge	1	12000	2	24000	
7	Snacks - morning	50	150	2	15000	40 participants+10 others
8	Snacks - afternoon	50	150	2	15000	40 participants+10 others
9	Lunch	50	400	2	40000	40 participants+10 others
10	Vehical rent (local transportation)	1	2000	2	4000	
11	Multimedia projector	1	2000	2	4000	
12	Generator	1	2000	2	4000	
13	Contingency				3000	
14	Training materials (details enclosed)				17850	
Total					221050	
Taka two lakh twenty one thousand and fifty only						

Appendix-3

Climate Resilient Ecosystems and Livelihoods Capacity building training for Local Level Govt. Officers

Participants: UNO/AC (Land), Social Welfare Officer, Upazila Women and Children Welfare Officer, Family Planning and Health Officer, Youth Development Officer, ACF/RO, SUFO/UFO/AFO, LGED Sub-Assistant Engineer

Venue: Upazila Conference Hall (Chittagong, Cox's Bazar, Sylhet and Khulna)

Sl	Description	Unit	Cost	Day(s)	Total cost (Taka)	Remarks
1	Honorarium for participants (Meals & Incidental/Local Transport	40	500	2	40000	It may vary as per region
2	Accommodation for participants (other districts)	20	500	3	30000	Do
3	Travel expense (within regional/other districts)	20	1000	-	20000	Do
4	Trainers Honorarium	2	750	2	3000	
5	Banner	1	1200	-	1200	
6	Venue charge	1	5000	2	10000	
7	Snacks - morning	50	150	2	15000	40 participants+10 others
8	Snacks - afternoon	50	150	2	15000	40 participants+10 others
9	Lunch	50	400	2	40000	40 participants+10 others
10	Vehical rent (local transportation)	1	2000	2	4000	
11	Multimedia projector	1	2000	2	4000	
12	Generator	1	2000	2	4000	
13	Contingency				3000	
14	Training materials (details enclosed)				17850	
Total					207050	
Taka two lakh seven thousand and fifty only						

Appendix-4

Climate Resilient Ecosystems and Livelihoods Capacity building training for Community/Local Level Organizations

Participants: UP - Chairman, Vice-chairman, UP female members, Secretary / CMCs and RMOs
Number of participants: 40 Duration: 2 days
Venue: Upazila Conference Hall (Chittagong, Cox's Bazar, Sylhet and Khulna)

Sl	Description	Unit	Cost	Day(s)	Total cost (Taka)	Remarks
1	Honorarium for participants (Meals & Incidental/Local Transport	40	400	2	32000	It may vary as per region
2	Accommodation for participants (other districts)	20	450	3	27000	Do
3	Travel expense (within regional/other districts)	20	1000	-	20000	Do
4	Trainers Honorarium	2	500	2	2000	
5	Banner	1	1200	-	1200	
6	Venue charge	1	3000	2	6000	
7	Snacks - morning	50	150	2	15000	40 participants+10 others
8	Snacks - afternoon	50	150	2	15000	40 participants+10 others
9	Lunch	50	400	2	40000	40 participants+10 others
10	Vehical rent (local transportation)	1	2000	2	4000	
11	Multimedia projector	1	2000	2	4000	
12	Generator	1	2000	2	4000	
13	Contingency				3000	
14	Training materials (details enclosed)				17850	
Total					191050	
Taka one lakh ninty one thousand and fifty only						