

Training Module on
Climate Change and Women's Vulnerability

জলবায়ু পরিবর্তন ও নারীর প্রতি প্রভাব



বাদাবন সংঘ
Badabon Sangho
(A Women's Rights Organisation)

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Participants:
Journalists, Local Elected Bodies, Teachers,
Religious Leaders, Civil Society and Community Members

Duration: 1 day

Module written and development
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INTRODUCTION

The world is heading for a severe catastrophe, and the sea level is rising for a variety of reasons. This is a serious problem for Bangladesh. Especially in coastal areas this problem is more acute. Because one third of the country's people live in coastal areas. The saline water of the sea is destroying the natural environment in the coastal areas. On top of this, shrimp farming is being done in these areas in an unplanned manner. On the whole, salinity has increased in the soil and water of the coastal areas. In such a situation, waterlogging is taking place in some areas. Bagerhat district is an example for the conspicuous change. Hundreds of thousands agricultural households in the region are now suffering from salinity and waterlogging. But this environmental disaster in the coastal area did not happen in a natural way. It has happened because of our unconsciousness. So, as far as possible this drastic change in the environment needs to be tackled successfully. This requires the adaptation capacity to the environment, awareness and behavioral change. It has been seen that there were 95 major disasters in Bangladesh from 1991-2006. On the other hand, the canals and waterbodies of the surrounding Sundarbans are filling up and rising due to the silt in the Bay of Bengal. As a result, Sundari (*Heritiera fomes*) of Sundarbans including other mangrove trees are under threat. Experts have found evidence that most of the coastal land is sinking by one centimeter every year. Experts estimate that 15 percent of the coastal area will be flooded. As a result, 20 million people will be forced to leave the area. That means they will be forced to become migrant because of the climate. Waterborne diseases (diarrhea, dysentery, malaria, skin diseases, etc.) are widespread during floods. During this time, there are deaths and severe health problems in some cases, as a result of which people lose their performance to work.

Climate change is a broad and holistic issue. Many branches of knowledge and science are associated with it in many dimensions. The objective of this training is to plan for dealing with disaster together by motivating people through capacity building of the people of the coastal areas on issues related to climate change. In this regard, people in the grassroots level require to take strategy through training and engagement in social awareness raising to deal with disaster. All trained people, including public representatives, should be able to build resistance against climate change-related disasters by making their respective communities aware and organized. We are hopeful that after receiving this training, public representatives, teachers, journalists, religious leaders, civil society and community members will be able to contribute to deal with disaster due to climate change with the involvement of grassroots in their area.



Subject: Training on Climate change and Women's Vulnerability

Objectives and schedule:

Table of Content

SL	Subject	Objective	Duration	Method	Materials
1	Inauguration, introduction, pre-training knowledge test, objective of training workshop, introduction to donor organization, Badabon Sangha and project	Introducing with each other, pre-training knowledge test of the participants, learning about the objective of the training. Learning about Badabon Sangho, donor agencies and the project	09:30-10:45 am.	Lectures, discussions, PowerPoint presentations	Multimedia, flip sheet, marker, question paper
Tea break/Refreshment 10:45-11:00 am.					
2	What is weather and climate change? Causes of climate change. What is greenhouse gas? The global impact of climate change and its impact on the southwestern region of Bangladesh.	To learn about weather and climate change, to learn about the causes of climate change. To learn about greenhouse gas and its sources and effects. To learn and be able to talk about the climate change and its impact on global and southwestern region of Bangladesh.	11:00-12:00 pm.	Lectures, discussions, PowerPoint presentations	Multimedia, flip sheet, marker
3	Climate change and its impact on women's lives.	To learn about the impact of climate change on women's lives in the south-western region of Bangladesh.	12:00-01:00 pm.	Role play, discussion	Flip sheet, marker
Lunch break			01.00-02.00 pm.		

SL	Subject	Objective	Duration	Method	Materials
4	Define adaptation and what to do for adaptation	Participants will learn about adaptation and define for themselves what role they can play in climate change and adaptation from their own professional positions.	02.00-03.00 pm.	Discussion, powerpoint presentation, group work	Multimedia, Flip sheet, marker
5	Post-training knowledge test and closing	Participants will take part in the post-training knowledge test. They will talk about their achievements from the training. The trainer will give his opinion about the training and express his expectations to the participants in the training.	03.00-04.00 pm.	Lecture, discussion, exam	Question paper



Session-1

Title: Inauguration, introduction and pre-training knowledge test

Duration: 1 hour 15 minutes

Material: Multimedia, flip sheet, marker, question paper

Objective: Participants at the end of the session-

1. introduce each other and express expectations.
2. learn about the objective of the training.
3. define the rules of the training.
4. learn about donor agencies and Badabon Sangho .
5. learn about the project.

Session Content:

1. Introduction, intauguration and introducing participants.
2. Participants' knowledge test
2. The objective of the training
3. Rules for conducting training properly
4. Discussion about donor agency and Badaban Sangho
5. Discuss the project.

Session Plan:

Step, subject, duration, method

Step	Subject	Duration	Method
1	Overview and training inauguration and introducing each other	15 minutes	Lecture
2	Knowledge test of the participants through question paper	30 minutes	Individual work
3	The objective of the training	5 minutes	Presentation
4	Defining the rules for conducting training	5 minutes	Open disussion
5	Introduction to Badabon Sangho	10 minutes	Presentation
6	Discussion about the project	10 minutes	Lecture

Learning process

Step-1	Overview and training objective	15 minutes
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- 1.1 Greet the participants and make sure they are all registered their name. Create a friendly environment through ice breaking at the beginning of training. Let the participants understand at the outset that the training is for them and they have the key role. Explain to the participants that this training will be conducted with them in mind.
- 1.2 Request the initiator to inaugurate the training.
- 1.3 Each participant will tell their name, place of residence, position, work place and hobby and describe what he wants to learn from this training.

Step-2	Pre-training knowledge test	30 minutes
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2.1 Distribute pre-training knowledge test question papers to the participants. Tell them they will get the job done in 30 minutes. If participants do not understand a question, explain it.

Step-3	Training objective	5 minutes
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3.1 Explain the objective of the training through PowerPoint presentation.

Step-4	Training Rule	5 minutes
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4.1 Hear from the trainees what rules should be followed to conduct this training smoothly and efficiently. Write their ideas on the flip sheet. Next, hang the training rules in the training room.

Mention the training schedule that is given in their folder. This schedule has been arranged to achieve the objective of the training. So, request them to be aware of the use of tea-break and lunch break time.

Step-5	Introducton to Badabon Sangho	10 minutes
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5.1 On behalf of the training organizer (Badabon Sangho), the Executive Director or Program Manager will be present and tell about the activities of Badabon Sangho and organization.

Step-6	Discussion about the project	10 minutes
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6.1 The trainer will discuss in detail the reasons for initiating the project, the implementation method and the project. Conclude the session by thanking everyone at the end of the discussion.





Session-2

Title: Causes and effects of climate change

Time: 1 hour.

Material: Multimedia, flip sheet, marker, question paper

Objective:

At the end of the session the participants-

1. learn about what it means to have weather and climate.
2. learn about the causes of climate change.
3. learn about greenhouse gas sources and their effects on climate change.
4. learn about the effects of climate change in the southwest of Bangladesh.

The content of the session

1. What is the weather and climate?
2. What is climate change?
3. Causes of climate change
4. Sources and effects of greenhouse gas
5. The global impact of climate change
6. Impact of climate change in the southwestern part of Bangladesh

Session plan

Step	Subject	Duration	Method
1	What is the weather and climate? Causes of climate change.	20 minutes	Powerpoint presentation
2	What is greenhouse gas? Source of greenhouse gas. What are the effects of it in climate change?	20 minutes	Powerpoint presentation
3	The global impact of climate change and impact of climate change in the southwest of Bangladesh	20 minutes	Powerpoint presentation

Learning process

Step-I	What are the weather and the climate? Causes of climate change	20 minutes
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- 1.1 Start the session by greeting the participants. Want to know from the participants what are meant by weather and climate. Listen to their views on why the climate is changing. Show slides 4 and 5 and explain what weather and climate are and why they change.

Step-2	What is greenhouse gas?	20 minutes
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2.1 Want to know from the participants about greenhouse gas. Want to know from the participants about the source of greenhouse gas and its effects, listen to their opinions. Explain your views to the participants. Explain this by showing slides 6 and 7.

Test by yourself:

You can do this simple test at home. Pour one spoon of water in two bottles. Cover a bottle. Leave the two bottles in the sun. Check the bottles after a few hours. You will notice that the open bottle has not changed, but the covered bottle has evaporated and the inside is hot. What is the reason? The heat of the sun could not get out of the bottle.

Step-3	The global impact of climate change and impact of climate change in the southwest of Bangladesh	20 minutes
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3.1 Ask the participants about the impact of climate change on the world and the southwest region of Bangladesh. Listen to their opinions. Display slides 6 and 9.





Session-3

Title: Climate change, impact on women's lives

Duration: 1 hour.

Material: Role play, discussion

Objective:

Participants at the end of this session

1. Know what the impact of climate change on women's lives is.
2. Learn what to do to deal with this impact.

Content of the session

1. Women's workplace in this region.
2. As a woman what are the problems she deals with.
3. How women can be helped in climate change.

Session plan

Step	Subject	Duration	Method
1	To describe the life and livelihood of women in the project area	5 minutes	Discussion
2	To select the team for acting and make them understand the acting.	10 minutes	Discussion
3	To present acting based on the theme of 3 teams	30 minutes	Role play
4	Defining the adversity and limitations of women	15 minutes	Discussion

Step-1

The trainer will first ask the participant about the lifestyle and work of the women in the project area. He will ask the participants if climate change is having an impact on their lives and work. Listening to their opinion, he will say, "Let's see 3 plays about the impact".

Step-2

The trainer will select 3 thematic teams among the participants. S/he will explain the acting separately.

Step-3

Selected participants will highlight the crisis of women's lives due to climate change respectively through acting.

The trainer will select four participants among the participants. With these four participants, the instructor will explain to them separately how to play a role in the four topics. If in any case less than four participants agree to play the role, the co-trainer will play the role in one case. The instructor himself can play the role of one.

A participant will show that he is suffering from a rise in temperature. He will show how an old woman is suffering from heat in the village. In this case a round sitting stool can be arranged.

'Then a widowed woman is sitting in a side of the house and is frustrated that she did not get any water in the house. Because all the rivers and canals have been closed. She will continue wailing about the expenses of his family, the money of the NGO, the education expense of his children, etc.

Then a female participant or co-trainer will continue to say how to manage today without water. The water brought from the pond has run out. She can't go without all the women again until the afternoon. There is no water for household work even no drinking water for noon. She is afraid her husband will get angry after returning from work.

A mother forbids her 16-year-old daughter to take a bath in saline water. Because the other boys in the neighborhood will bother her. Besides she will lose her appearance in saline water. She will not get married. Only a role of a mother has to play. She is scolding to her daughter. She will continue to speak about her sufferings. Her father moved to the city, leaving them behind. Even, no support is given as well. She will regret after saying all of these. It will become a miserable for the girl'.

When the role play is over, the trainer will show how climate change plays a role in our daily lives. Especially how it plays a role in the lives of women. At this point, she will say that these effects do not affect the life of a man as much as the life of a woman.

Step-4

'At the end of the role play, participants will be asked what challenges women face as human being and what adversities they face as a result of climate change. The trainer will write on the flip sheet with the feedback from the participants. The trainer will conclude the session with his views on the matter.

Alternative Role play

1. A widowed working woman has returned home after working from the crop land in the scorching heat. On her way to work in the morning, she asked her school-going daughter to fetch drinking water from a distant pond with other girls of the village after returning from school. The heat of the sun has dried up the water in all the nearby ponds. Exhausted by the scorching heat, the girl fell back asleep after returning from school and could not fetch water. The weary mother scolded her daughter and went out to fetch water.
2. Rahima is looking at her vegetable field and lamenting sitting at the courtyard of her house. All on a sudden saline water intrusion destroyed all her vegetable fields. After the death of her husband, her family survive with their two sons and daughters by selling vegetables of the field. She has not had a problem so far. However, this time the dam overflowed and the saline water of high tide suddenly entered and destroyed her vegetable field.
3. Being a mother, Khodeja Begum is extremely worried about her daughter's marriage. The girl's whole body was covered with skin disease for bathing in saline water. Not only her daughter but also majority of village girls are suffering from skin diseases. It is not possible for the girls to go to the other end of the village and take a bath. But the doctor said that if she takes bath with saline water, the disease will not cure.
4. Jolekha is not willing to leave the village at all. Due to the drought, people have no work in the fields, canals and crop lands. For this reason, her husband wants to leave the village and move to the city in search of work. Jolekha is afraid of the city. No one knows anyone there and no one stands by anyone in danger. Moreover, how can she leave her old home? Husband and wife quarrel over this.'

Session-4

Title: Adaptation and define the measures

Time limit: 1 hour

Material: Multimedia, flipsheet, marker

Objective

Participants at the end of this session-

- ☒ will learn what adaptation is.
- ☒ will learn why adaptation is needed.
- ☒ Participants will define what to do for adaptation from their respective professional positions.

Content of the session

1. What is adaptation?
2. Types of adaptation.
3. Need of Adaptation
4. Defining what to do from a professional position.

Session plan

Step	Topic	Duration	Procedure
1	What is adaptation? Differences in the type of adaptation	10 minutes	Multimedia lecture
2	Why adaptation is needed	10 minutes	Discussion
3	Participants determine what to do in climate change from their own position (especially for women)	40 minutes	Group work

Step-1

The trainer will greet the participants and ask them about the adaptation. After hearing their opinion, he will explain about the adaptation and its types through multimedia.

Step-2

After hearing the participant's opinion on why adaptation is needed, the trainer will explain properly.

Step-3

Divide the participants into 3 groups- a) Public representatives b) teachers, religious leaders and civil society c) community members. Explain their assigned tasks to each team. Allow 30 minutes for group work and presentation. Summarize and evaluate in the last 10 minutes.



Session-5

Title: Closing of training and evaluation

Duration: 30 minutes

Material: Question paper

Objective: In this session-

1. Participants will be able to tell what they have achieved from the training.
2. The trainer will express his feelings.
3. The authorities (Badabon Sangho) will express to the participants what their expectations are.

Content of the session

End of the training

Step	Subject	Duration	Method
1	Post-training knowledge test	30 minutes	Examination
2	Knowing participants' feelings about the training course. (1 female, 1 male)	10 minutes	Single discussion
3	The trainer will express his feelings.	10 minutes	Single discussion
4	Knowing the expectations of the authorities and end of the training.	10 minutes	Single discussion

Step-1

Inform the participants that at the beginning of the training they took part in a knowledge test. At the end of the training we want to check how much we have been able to teach you. This post-training knowledge test will take place for 30 minutes.

Step-2

To learn from the participants how they liked the training course. Inviting a woman and a man to express their feelings on behalf of the participants. Thanks them after listening to their feelings.

Step-3

The trainer will express his feelings for conducting this training. He would like to thank all the participants for their cooperation.

Step-4

The representative from Badabon Sangho or the donor organization will announce the end of the session and the training by seeking the cooperation of the participants in fulfilling the expectations of the organization through the knowledge acquired during this training.

Annex : Evaluation question:

At the end of the training, participants were went through the post-test questionnaires in order to assess gained information.

1. What is meant by weather?
2. What is meant by climate?
3. What is adaptation?
4. Mention 3 reasons for climate change.
5. Write 3 global causes of climate change.

If true, tick the true cell and if false, tick the false cell

SL	Question	True	False
a)	Human imprudence is the cause of climate change.		
b)	Combustion of fuel increases methane gas.		
c)	Weather is a short time state of atmosphere at a specific place with specific time.		
d)	The world is getting colder in response to the greenhouse effect.		
e)	Water vapor is made from the breath of humans and other animals.		





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