



## **Communication, Education, Participation and Awareness-raising (CEPA) Program**



# OUR CEPA PROGRAM

**Mangrove Education**

**Environmental Education**

**Urban Biodiversity Education**

**Formal Education**

**Environment friendly**

**Livelihoods Education**

**Initiative for conserving Rivers**

**Ecosystem**

**Day Celebration**



## VISION

To create harmony between human and nature through providing education and creating awareness

## OBJECTIVES

To develop capacity of the students and community by providing education and awareness in order to involve them for solving complex environmental and social problems



## ABOUT OUR EDUCATION CENTERS

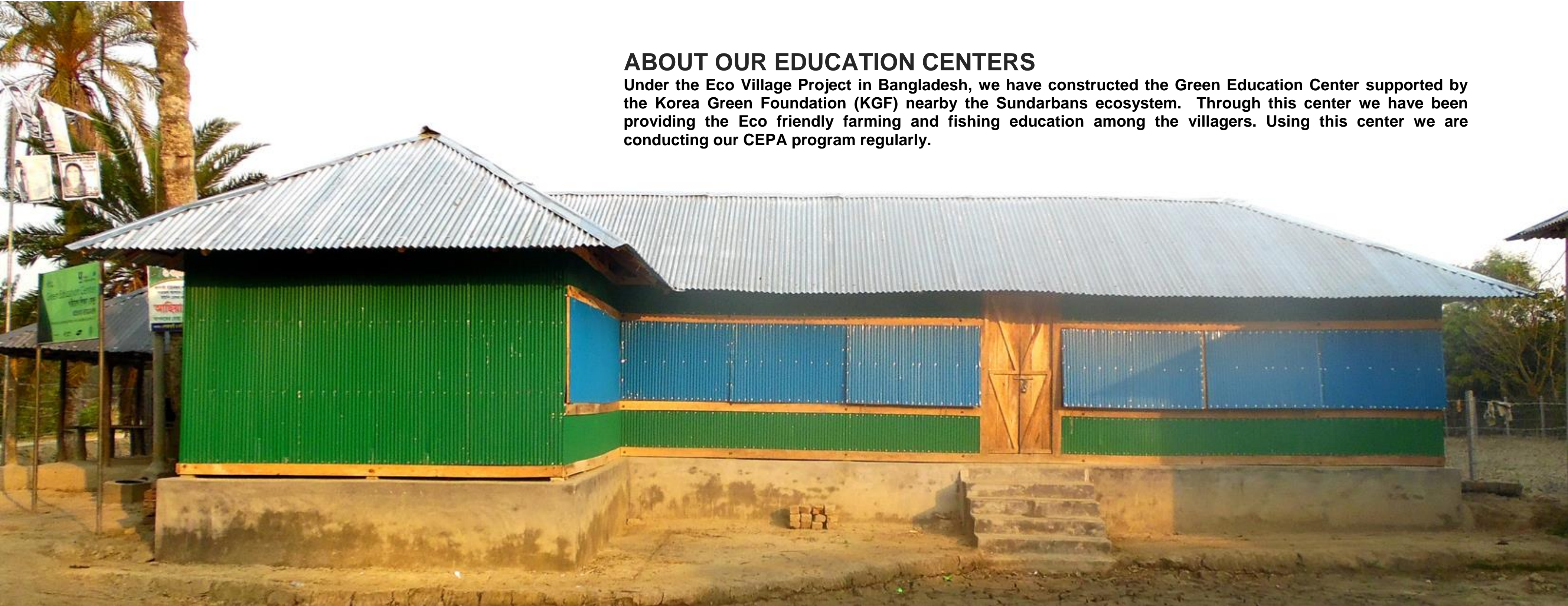
A Safe Shelter for the Villagers during DISASTER named "Multipurpose Cyclone Shelter & Training Center" has been constructed adjacent to the Sundarbans mangrove ecosystem by the **Bangladesh Environment and Development Society (BEDS)** with the financial assistance of the Give2Asia. We have created accommodation facilities for around 50 people at a time, training facilities, drying and food facilities and developed the skill of the local people as guides, showing local and indigenous community's (Munda) culture as well as for the management of the center. **Using these facilities of the center we have been conducting our CEPA program together with local people.**





## ABOUT OUR EDUCATION CENTERS

Under the Eco Village Project in Bangladesh, we have constructed the Green Education Center supported by the Korea Green Foundation (KGF) nearby the Sundarbans ecosystem. Through this center we have been providing the Eco friendly farming and fishing education among the villagers. Using this center we are conducting our CEPA program regularly.







## Why This Initiative?

Economic solvency is the prime concern for most of the people of Bangladesh. They do not consider environment before taking any economic development. They don't consider ecological and environmental benefit which is much higher than economic development benefit. By this process, people hamper the environment and face serious environmental hazard after a certain period. Apart from this, most of the people don't participation in conservation initiatives due to lack of their knowledge. BEDS realized that when people will understand the fact, there may be no more time to recover. So, BEDS has been conducting the CEPA programs among students and communities to increase and ensure their participation in nature conservation as well as prompting environment friendly livelihoods.



## What are we Doing?

Under the CEPA program, BEDS has been **inspiring; educating, building leadership** of the students and communities both urban and rural through conducting schools program, awareness raising program and organizing Community Based Nature Education Program, onsite training program, study tour, field trip etc regularly since 2013. We are operating two education centers beside the Sundarbans mangrove ecosystem. Every year we are educating 30 000 people approximately.







## **THE SUNDARBANS MANGROVE**

The mangrove forests of the tropical coasts are the most important and productive ecosystems on the earth. They play an important role in stabilizing the world's climate by high carbon storing capacity. The Sundarbans is the single largest Mangrove forest of the World as well as UNESCO declared natural World Heritage Site and RAMSAR wetland site which is the lifeline of approximately 3.5 millions of coastal people in Bangladesh. But the coastal people do not participate in organized conservation activities due to their poverty and lack of conservation knowledge rather they involved themselves in mangrove ecosystem distractive activities. Many people of the country have their intension to know about the mangroves, coastal life and livelihoods. Realizing this importance BEDS has been conducting the following programs for mangrove ecosystem conservation.

## **MANGROVE EDUCATION**

**Teachers Training  
Program**

**Schools Education  
program**

**Study Tour/Field  
Trip/Field Camp**

**Community Based Nature  
Education Program**

**Public Awareness**

**Mangrove Afforestation  
Education**

**Species Conservation and  
Research**



# Mangrove Education

## Teachers Training Program

BEDS has been organizing teachers training programs since 2013 regularly to encourage the teachers for conducting mangrove education among the students. To develop teaching materials of mangrove education and to develop strategy for informal education among the students. So far **1209** teachers have been trained by BEDS.







# Mangrove Education

## Schools Education program

BEDS has been conducting Sundarbans mangrove education program at schools since 2013 to help the students realize about the importance of the mangroves in our daily life. This program also aims to empower and encourage students to become future leaders. We believe the educated students will contribute to conserve this priceless natural blessing in future. So far 28,500 students from 82 elementary schools of 36 sub districts of 32 have been educated on Sundarbans mangrove by BEDS.



# Mangrove Education

## Study Tour/Field Trip

Study tour is a great medium for learning mangroves practically. So, BEDS formed a team and developed education materials to organize study tour/field trip/field camp to take the students and teachers in close connection with mangrove ecosystem to improve their knowledge. It is a package program of BEDS which is conducted all over the year. BEDS invites different local and national academic institutions (Schools, college and universities) to join in this program. Around 6,700 students and teachers participated in study tours organized by BEDS.



This Study Tour is supported by the subsidy of  
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# সুন্দরবন শিক্ষা সফর

## SUNDARBANS STUDY TOUR

কলাগাছিয়া, সুন্দরবন, ২৪ ডিসেম্বর ২০১৭







# Mangrove Education

## Community Based Nature Education Program

BEDS has been conducting Community Based Nature Education program since 2019 by involving experienced forest dwellers. Selected 26 forest dwellers and indigenous community (Munda) have been trained to share their profession and local culture. The trained people are using BEDS constructed Cyclone Shelter and Training Center facilities for this purpose. There are residential facilities for around 50 people at a time including training and drying facilities in this center. They are offering mangrove biodiversity observation, storytelling, fishing, gardening, cooking with local people, enjoy local culture etc in different seasons.



# Mangrove Education

## Public Awareness

Public campaign is an important tool to aware mass people. Realizing the urgency to engage people with mangrove flagship ecosystem conservation, BEDS has been conducting public awareness programs through songs, displaying education materials and sharing mangrove ecosystem information in public places since 2013. Around 105,000 people have been received mangrove education through public awareness program by BEDS.







# Mangrove Education

## Mangrove Afforestation Education

Once there were plenty of mangroves in the periphery of Sundarbans region of Bangladesh but due to diverse human activities and climate change the green belt is no longer existed. So, to recover the loss, to protect the embankment and to create biodiversity habitat, BEDS has been conducting mangrove afforestation activities since 2013 together with local people. So far, 200000 mangroves have been planted.



# Mangrove Education

## Species Conservation and Research

There are many endangered and critically endangered species live in the Sundarbans mangrove ecosystem. So, BEDS has been conducting different outreach and conservation education to protect endangered and critically endangered species such as Turtle; both freshwater (*Batagur baska*) and marine (Olive Ridley), Vulture, Dolphin, Masked finfoot (bird) etc since 2011. So far BEDS provided species conservation education among 9000 students and 10000 villagers.







# Environment

World's environment is changing day by day as a result of unplanned and environment destructive activities of human beings. The development and survival of human is fully dependant on the peaceful and balanced coexistence of the environment. But the most regretful thing is majority of Bangladeshi people are not aware of this serious issue although this country is the front line global climate change. People of Bangladesh have very limited knowledge of basic environmental knowledge as there is shortage of environmental education materials. There is no alternative of environmental education to protest the environmental degradation and to save our existence on earth. Realizing the fact, BEDS has been conducting environmental education among the student and local community so that they can contribute to maintain the environmental balance by eco friendly initiatives.

**Environmental Education**  
**Basic Environmental Education**

**Climate Change Education**  
**Disaster Preparedness Education**

**Renewable Energy Education**  
**Waste Management Education**

**Water and Sanitation Education**

**Tree Plantation Education**





# Environmental Education

## Basic Environmental Education

Environmental education is one of the most important issues of Bangladesh. Foundation education is essential to know about the environment. So, considering this issue, BEDS has been conducting the foundation education among the school students and local communities through schools program, public campaign etc. by developing various education materials (poster, booklet, games, flip card etc.) since 2015. Around 4050 students from 25 schools and 10,000 villagers have learnt about the foundation education on environmental issues by BEDS.



# Environmental Education

## Climate Change Education

World's climate is changing day by day and the temperature is increasing at an alarming rate. Sundarbans coastal region is the most climate vulnerable zone of Bangladesh. To minimize the climate change impacts, people should know about it. Climate change education is the best medium to educate local people on this burning issue to reduce possible loss and damage and cope with the changed climate. Realizing the necessity, BEDS has been conducting Climate Change education among the students and villagers since 2015 by developing education materials. Around 6,000 students and 10,000 villagers received climate change education from BEDS so far.







## Environmental Education

### Disaster Preparedness Education

Disaster preparedness is the pre-condition to reduce the maximum damage. It is often seen that people of Sundarbans region are reluctant to prepare for disaster due to their ignorance. As a result, they have to face serious damage after disaster. So, BEDS has been conducting disaster preparedness education among school students and local villagers through developed education materials and conducting drills. In one Sundarbans coastal village, So far, 5000 villagers and 6000 students received disaster preparedness education from BEDS.



## Environmental Education

### Renewable Energy Education

Increasing use of renewable energy is one of the important mediums to combat climate change as well as to fulfill the electricity demand of the coastal villagers. For this reason, BEDS has been conducting renewable energy education among schools students and communities to encourage them for using renewable energy. So far, 10,000 students and villagers received renewable energy education by BEDS.







## Environmental Education

### Waste Management Education

Khulna is the third largest city of Bangladesh, waste management condition of Khulna city is not satisfactory at all. So, BEDS started providing waste management education among the school's students and general people. So far around 7000 students from 40 elementary and secondary schools received waste management education from BEDS through developed education materials (flip card, poster and board game).



# Environmental Education

## Water and Sanitation Education

Due to climate change and salinity intrusion, drinking water crisis becomes acute in the Sundarbans coastal region of Bangladesh. Water is extremely related with sanitation issue. To aware people on water and sanitation issue BEDS has been providing water and sanitation education among the students and villagers of since 2015. Around 5000 villagers and students received this education from BEDS so far.







## Environmental Education

### Tree Plantation Education

Necessity and importance of tree plantation goes beyond saying. To minimize the climate change impact and to stabilize the environment, tree plantation is a must. Since the beginning of BEDS that is 2010, we have been conducting tree plantation education among the students and local people using different education materials like fact sheet, poster etc. Around 30,000 villagers and students got tree plantation education and support from BEDS.



## Urban Biodiversity Education

In most of cases, we overlook urban biodiversity issue. But conserving urban biodiversity is very important to maintain the balance of city environment. Moreover, rapid growth of population and urbanization are the leading reasons of city biodiversity destruction. Education is the prime tool to aware city people to protect the existing biodiversity. So, realizing this urgency, BEDS formed 31 Urban Biodiversity Conservation Youth Club (620 young people) and educated them. BEDS and youth club members together are conducting urban biodiversity conservation education among students and general people since 2018.







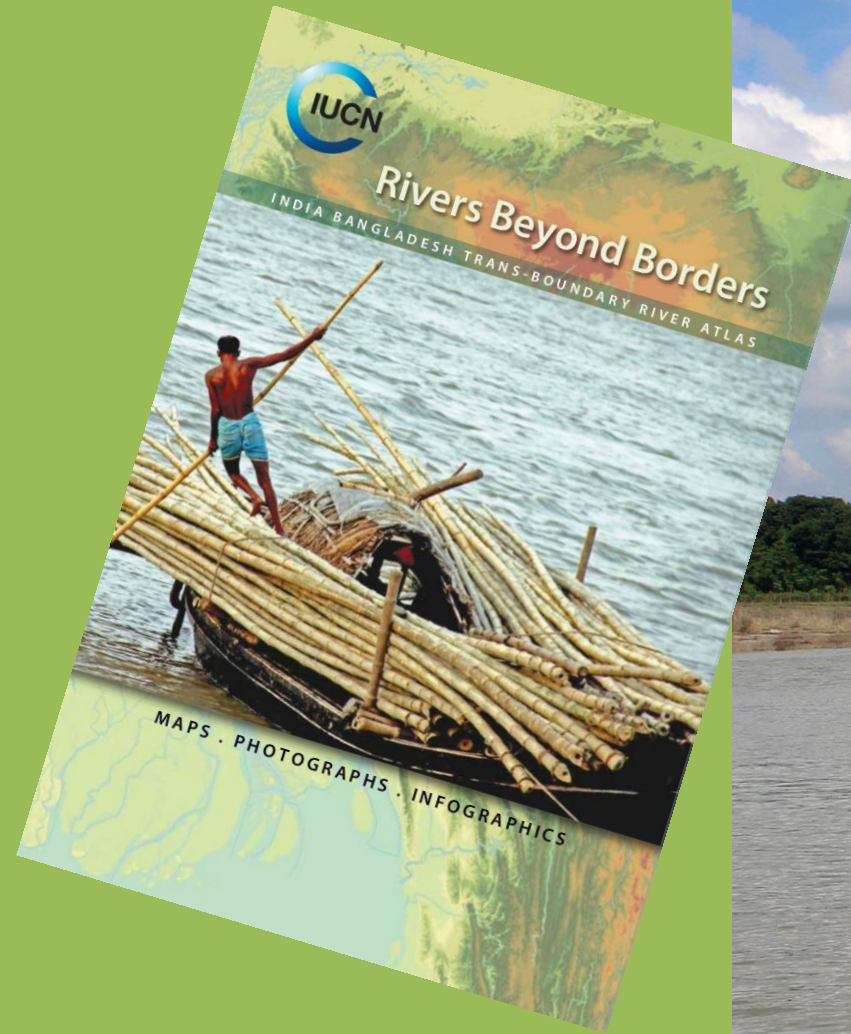
## Environment friendly Livelihoods Education

Bangladesh is one of the most densely populated countries of the World. Due to lack of employment opportunities people become dependent on natural resources. Most of the Sundarbans coastal communities are living below poverty level. Climate change is also increasing their vulnerability. At this moment they need alternative livelihoods. So, we have been trying to create employment opportunities through developing their capacity on livestock rearing, gardening, native seed preservation and cultivation, natural honey business, mangrove pickle making, dried shrimp packaging, sewing, handicraft, eco fishing, eco tourism etc since 2013 among forest dwellers, women and dropout students. Till now 2500 resource harvesters and dropout students.



## Initiative for conserving Rivers Ecosystem

Bangladesh is a country with rivers and the majority of the population is dependent on the river resources such as fishing, transportation etc. BEDS contributed to publish the book on Rivers Beyond Borders and collected the photo and story on the relationship between life and the river wetlands ecosystem.







## Day Celebration

International days are occasions to educate the general public on issues of concern, to mobilize political will and resources to address global problems, and to celebrate and reinforce achievements of humanity. So, BEDS has been celebrating different international days with local community since 2010.



# Our Future Plan

Environmental Education is our prime program so we are very much concerned with conducting education programs on different environmental and mangrove aspects. We have a well skilled team to conduct such education program. But we do not have an organized center to conduct education programs continuously. So, our future plan is to establish a Mangrove Wetland Education Center beside the Sundarbans mangrove forest so that we can offer both practical and theoretical education for the interested participants and increase their knowledge on nature and environment.





# BEDS Developed Education Materials (Books, Booklet, Game, Poster etc)





Join with us Today



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