

2023 EAAFP Small Grant Fund (WG/TF) Report Template



TRAINING FOR COASTAL WOMEN IN PROTECTING SHOREBIRDS MIGRATORY HABITAT FROM ENVIRONMENTAL POLLUTION

DARA AYU LATIFAH

DATE OF SUBMISSION (15/02/2024)

COASTAL WOMEN'S FORUM FROM FAMILY WELFARE DEVELOPMENT
(INDONESIA: PEMBINAAN KESEJAHTERAAN KELUARGA (PKK)), MIBO BANDA ACEH
EMAIL: latifahdaraayu4@gmail.com



Section 1. Project Overview

1.1 BACKGROUND

The coastal and marine areas of the Banda Aceh City, Indonesia are very vulnerable to various pollution threats, both from domestic human activities (marine debris), industry (fisheries processing), sea transportation such as oil spills, as well as pollution from congenital waste from various locations. Pollution of the marine environment, namely the introduction by humans, directly or indirectly into the marine environment which results in adverse impacts such as damage to the sustainability of marine life so that it is harmful to the health of marine biota and other animals (Aini D.C. 2021).

One of the animals that is very dependent on the coastal area of Banda Aceh City is the Migratory Shorebirds, pollution of the coastal area will certainly have a negative impact on ecosystems, habitats, food and a decrease in the quality of the coastal environment (Alikodra, 2021). If the threat of pollution is not handled properly, it can result in an increasingly widespread negative impact on the lives of the Shorebirds Migratory and the health of the local community (Azlan & Abd Rahman, 2020). The Indonesian government has issued PP No.19 of 1999 concerning Control of Marine Pollution and Destruction. The government regulates the mechanism for reducing marine pollution, including the formation of a National Coordinating Team for handling waste at sea (KKP, 2020).

Various city government parties have made efforts to overcome and control pollution in the coastal city of Banda Aceh, but it is still sectoral and not yet integrated. Pollution control in coastal and marine areas cannot be carried out partially and must involve many parties in it. One group that has an important role in preventing pollution is women (Fatimah, S.R, 2021). On this issue, women play an important role in developing production and consumption patterns that are environmentally friendly, thus causing the important role of women in participating in the management of natural resources and the environment.

Based on the results of a survey we conducted in 2021, the role of women in preventing pollution of the coastal areas of Banda Aceh City is still very minimal, this is because this activity is still dominated by men, even though women have unique knowledge and responsibilities in sustainable use and conservation of diversity. life, and women are agents of transformational change (UNEP WCMC, 2020). In addition, the understanding of coastal women's groups in Banda Aceh City regarding Shorebirds Migratory conservation



is still very low, and even the role of conservation assistants at the village or village level is also not very large. In fact, Banda Aceh City has dozens of villages and hamlets located in the vicinity of mangrove forests or the coast that need assistance in the conservation of migratory bird species. And because women's assistance is also needed because they have different perspectives on animal and environmental conservation.

The majority of women from the coast of Banda Aceh depend on their livelihoods as collectors and sellers of shellfish, crabs, oysters and collectors of leftovers. The potential for the existence of Shorebirds Migratory habitat around their area is a gift in itself, because with proper management, there will be a potential for increasing the ecotourism-based community economy, thus increasing the number of coastal villages that are more independent in their communities. Therefore, this research program will encourage women to be more willing to be involved in assistance for Shorebirds Migratory conservation with the community and to be able to work in difficult environments. The aim is to open a new understanding of local communities in managing mangrove forests, migratory bird conservation, and other thoughts from women that so far have not been revealed regarding conservation.

A. Describe about your organization by filling out the table below:

Type of the organization - Government/NGO/Private Sector/Other	NGO
Name(s) of the division and/or position	Divisi Pemberdayaan Perempuan – Anggota
<p>List any contributions that your organizations or yourself might have been involved for the preservation of the migratory waterbirds, their habitats and East – Asian Australasian Flyway below:</p> <p>Implementation of training in Gampong Mibo - Banda Aceh City, residents of Gampong Mibo, after participating in training on the socialization of the preservation of migratory bird habitats:</p> <ol style="list-style-type: none"> 1. Residents of Gampong Mibo can make a significant contribution to protecting the environment and supporting the sustainability of migratory bird populations. 2. With the understanding gained from the training, they can actively engage in the maintenance and preservation of natural habitats, such as maintaining cleanliness, preventing deforestation, and caring for ecosystems that serve as homes for migratory birds. 3. Participation in planting local trees and plants suitable for migratory bird habitats can also enhance biodiversity and provide a safe place for birds to perch and forage. 4. Residents play a crucial role in waste management by reducing plastic usage and ensuring that waste is sorted and recycled to prevent negative impacts on bird habitats. 	



5. Through outreach to the surrounding community, they can share knowledge about the importance of preserving migratory bird habitats and promote environmental awareness at the local level.
6. By joining conservation groups, participating in monitoring migratory bird populations, and supporting local government initiatives related to conservation, the community of Gampong Mibo can be at the forefront of protecting migratory birds and maintaining the sustainability of their ecosystems.

B. Abstract summary

This research aims to develop specialized training for coastal women in protecting shorebird migratory habitats from environmental pollution. The primary focus of this training is to enhance their understanding of the impact of environmental pollution on the migratory habitat of shorebirds and provide the necessary skills to identify, prevent, and address potential threats. The training methodology will include a combination of theoretical and practical approaches, along with the introduction of community-based solutions. Involving coastal women as agents of change is expected to increase awareness and participation in environmental conservation efforts, with a specific focus on protecting shorebird migratory habitats. It is anticipated that this training will make a positive contribution to the preservation of coastal environments and the sustainability of marine ecosystems.

1.2 DETAILS

A. Detailed Project Progress:

The main activities in this project consist of two components: seminars and training. The seminar is conducted at various locations because the participants come from diverse backgrounds, including university students, school students, and villagers. Meanwhile, the training activities are specifically designed for university students, considering that they will play a crucial role in future conservation and environmental activities. The seminars cater to a broad audience, including university students, school students, and members of the local community. The rationale behind this is to address various perspectives and engage different segments of society. The training component is targeted at university students, anticipating their future involvement in conservation activities. For both the seminar and training, we have invited Ulyy Fitria, SKM., M.K.M, a lecturer at Abulyatama University. She possesses expertise and ample experience in social issues, community interaction, environmental health, and the enhancement of women's active roles in various fields. Ulyy Fitria's knowledge and experience make her an ideal resource person to impart valuable insights during the seminar and training sessions.

The implementation of the Training and Seminar is not without its share of obstacles and challenges. One of them is the necessity to change the execution team several times. As a result, some of the team members initially mentioned in the proposal are no longer involved in assisting with the implementation of



this project due to personal commitments and conflicting engagements with other personal or institutional activities. Consequently, we have included some new names to ensure the success of the Training and Seminar activities. The details of the implementation team for this training and seminar are as follows:

Table 1. List of Seminar and Training Activity Executives

No	Name	Affiliation / Organization	City/Area
1	Dara Ayu Latifah	Coastal Women's Forum from Family Welfare Development (Indonesia: Pembinaan Kesejahteraan Keluarga (PKK)), Mibo Banda Aceh	Banda Aceh
2	Habibul Umami	Sekolah Menengah Teknologi Industri (SMTI) Banda Aceh	Banda Aceh
3	Yulia Tri Astuti	Rumah Sakit Ibu dan Anak	Banda Aceh
4	Zahratul Raihan	Ar-Raniry State Islamic University	Banda Aceh
5	Ully Fitria	Abulyatama University	Aceh Besar
6	Fakhrurrazi	Head of Mibo Village	Banda Aceh
7	Akmaluddin	Local community Mibo Village	Banda Aceh
8	Ridha Muhammad Haji	Local community Mibo Village	Banda Aceh
9	Junaidi M	Local community Mibo Village	Banda Aceh
10	Syamsiah	Local community Mibo Village	Banda Aceh
11	Mursidah	Local community Mibo Village	Banda Aceh
12	Muhammad Bakil	Ar-Raniry State Islamic University	Banda Aceh
13	Rika Juliana	Early Childhood Education (PAUD) Mibo	Banda Aceh
14	Rezekiah	Poltekkes Kemenkes Aceh	Banda Aceh

1. Implementation of Training and Seminar in Schools

The first activity involves a seminar and training on the protection of bird habitats from environmental pollution, targeting school students. The aim is to enhance environmental awareness and education among students. The seminar is designed to provide students with a deep understanding of the impact of environmental pollution on bird habitats and to encourage them to actively participate in preserving the sustainability of the surrounding environment. Through this event, another objective is to educate students about biodiversity and the importance of preserving bird habitats as an integral part of the ecosystem. It is expected that students will comprehend potential sources of pollution that may harm bird species and the environment, as well as recognize the long-term consequences of unsustainable behaviors.

Additionally, this seminar aims to empower students with practical skills such as environmental monitoring, tree planting, and other conservation activities. Therefore, it is expected that students can actively participate in environmental preservation efforts. Other objectives include introducing sustainable



solutions that students can adopt in their daily lives to reduce the impact of pollution and preserve bird habitats.

This seminar also aims to promote collaboration among students, teachers, and school staff, creating an educational environment that supports environmental awareness. The integration of environmental protection concepts into the school curriculum is a crucial part of this objective. Additionally, the activity is directed towards involving parents, guardians, and the local community to support bird habitat protection efforts around the school. Overall, the seminar also seeks to educate students about the gender roles in conservation and environmental protection, ensuring active participation from both females and males in environmental preservation efforts. Through the achievement of these objectives, it is hoped that seminar participants can become committed agents of change in preserving the sustainability of the environment and bird habitats.



Figure 1. The implementation of seminars and training in high schools



2. The Implementation of Training and Seminars at The University

The second activity targets participants from the university, specifically students, with several underlying objectives. Firstly, the seminar aims to enhance environmental awareness among students, providing them with a deep understanding of the impact of pollution on bird habitats and urging them to contemplate an active role in environmental sustainability. Secondly, the event is designed to enrich students' scientific knowledge related to the ecology of bird habitats, including the effects of pollution and adoptable conservation strategies. Thirdly, the seminar also aims to stimulate student engagement by encouraging active participation in conservation activities, research, or other field projects.

Furthermore, the fourth objective is the development of practical skills, such as environmental monitoring techniques and data analysis, that students can apply in the context of bird conservation. Fifth, the seminar aims to empower students as agents of change by inspiring them to disseminate knowledge and motivate positive actions among fellow students and the general public. Sixth, the event aims to introduce innovative and sustainable solutions that can be adopted to protect bird habitats from environmental pollution, creating awareness of the importance of green technology and sustainable strategies. The seventh objective is the development of social and environmental responsibility among students, encouraging them to consider the impact of human activities on nature and seek sustainable solutions.

Moreover, this seminar also aims to promote the integration of interdisciplinary aspects in students' understanding of bird habitat preservation and environmental protection. Finally, the event is directed towards building students' leadership capacities in the context of environmental conservation, preparing them to be leaders in the future in nature preservation efforts. Through the achievement of these diverse objectives, it is expected that students can develop a holistic understanding and commitment to the preservation of bird habitats and actively engage in maintaining the sustainability of ecosystems.



Figure 2. Documentation of the Series of Training Activities conducted at Abulyatama University



3. The implementation of Training and Seminars for the Community

The third activity targets participants from the village community. This has profound objectives to engage and empower the rural population in environmental conservation efforts. Firstly, the seminar aims to raise awareness among the village community about the impact of environmental pollution on bird habitats. The information provided is expected to stimulate their understanding of the ecosystem's role in daily life and underscore the importance of preserving sustainability.

Furthermore, this activity is also aimed at enhancing the knowledge of the village community about local biodiversity, particularly regarding the bird species inhabiting their region. This education includes information about bird species, their ecology, and the importance of maintaining ecosystem balance. Additionally, the seminar's goal is to provide a deep understanding to the village community about sources of pollution and their impact on bird habitats. Thus, it is expected that the community can become more environmentally conscious and caring towards their surroundings.

On a more practical level, the implementation of this seminar aims to empower the village community in managing their surrounding environment. This includes active participation in bird habitat conservation activities such as tree planting, habitat restoration, and other local conservation projects. Furthermore, the seminar also aims to promote sustainable practices in the community's daily life, such as proper waste management and the use of renewable energy.

Additionally, this activity encourages the empowerment of women and urges them to play an active role as agents of change in environmental conservation efforts. The seminar also stimulates the formation of local community groups focused on conservation and environmental monitoring. Through the achievement of these objectives, it is expected that the seminar and training can create a positive impact, transforming the attitudes and behaviors of the village community towards sustainable practices, environmental preservation, and the improvement of their own quality of life.



Figure 3. Documentation of training activities involving the community of Mibo Village, Banda Aceh City



Figure 4. Carrying out community training at night is also very effective, considering that some people are busy with their work in the morning, so they only have time to attend seminars in the evening. This activity was carried out in the village prayer room.

B. Problems Encountered/Adjustments:

We deeply regret that we were unable to bring women from the Mibo Village community, Banda Aceh, to participate in the direct observation of migratory birds. This was due to several obstacles, such as difficulties in obtaining family and observation location permits. Furthermore, there were changes in the planned speakers due to their busy schedules, as previously explained. Despite these challenges, the organizing team, consisting of various institutions, local residents, and members of the Mibo Village administration in Banda Aceh, managed to improvise effectively in the field.



C. Please include any additional supporters of this project

We express our gratitude to the Mibo Village officials in Banda Aceh for their active participation in the success of this project. We also extend our thanks to the Head of Banda Raya Subdistrict, Banda Aceh, for granting permission for the implementation of this project and providing support throughout its execution until completion. We are grateful to other institutions that contributed to the success of this project, providing assistance with accommodation and facilitating our project location, including Oji Florist, AMD Coffee, Bakso Mamah Euis, PAUD Mibo, and CV FD Fotocopy.

1.3 RESULT

Based on the implemented project, the drawn conclusion underscores the crucial role of women in maintaining environmental sustainability. Participants unanimously agree that involving women in conservation efforts is key to achieving sustainable outcomes. They highlight women as primary agents of change in enhancing community awareness regarding the protection of bird habitats. By providing education and training to women in various communities, a positive catalyst is generated, capable of educating the public about the importance of environmental conservation and inspiring behavioral changes.

Moreover, women are also acknowledged as a vital force in field activities. The active participation of women in conservation activities, such as tree planting, habitat restoration, and other environmental preservation programs, has proven to make a significant contribution to the sustainability of conservation efforts. They often take leadership roles in community initiatives and form strong social networks to support environmental preservation.

Women are also considered in the management of daily natural resources, including water and land. By providing knowledge about bird habitat protection, women can become more effective managers and play a role in maintaining the sustainability of natural resource utilization. In the economic aspect, women can be empowered through sustainable economic initiatives such as organic farming or environmentally friendly handicrafts. This not only creates alternative sources of income for women but also supports the preservation of bird habitats and the environment as a whole.



This conclusion indicates that women are not only recipients of information but are also empowered agents of change in efforts to maintain the sustainability of bird habitats and the environment. Involving women in every aspect of conservation is a valuable investment for a more sustainable future.

1.4 RECOMMENDATIONS

Based on the results of this project, it can provide valuable directions for future research in various fields. Some ways of implementing the conclusions in future research could involve:

1. The study can focus on the development of a sustainable economic model involving women in local economic initiatives that support bird habitat conservation. This entails further research on empowering women economically while maintaining ecosystem balance.
2. The research can explore the use of technology and innovation for environmental monitoring, particularly in the context of wildlife bird habitat protection. This may involve the development of new tools or methods that leverage technology to monitor environmental pollution and understand its impact on bird habitats.

Through this approach, future research can build and expand knowledge on the best ways to involve women in the protection of bird habitats and maintain overall ecosystem balance. Considering these aspects, research can provide concrete guidance for practical steps in supporting environmental sustainability while paying attention to and implementing activities in line with the EAAFP Strategic Plan 2019-2028.

Section 2. BUDGET REPORT

Table 2. Budget Allocation for Project

Banner printing	100 USD
Purchase of stationery	50 USD
Souvenirs and gifts	1,000 USD
Speaker fees	600 USD
Tent rental	100 USD
Building rental	450 USD
Participant catering	1,000 USD
Participant transportation	500 USD
Certificates	110 USD
Photocopying costs	90 USD
Car rental	500 USD
Lodging cost	500 USD
Total	5,000 USD