



## EAAFP World Migratory Bird Day small grant Report Template

### Section 1. EVENT INFORMATION (Compulsory)

#### 1.1 Contact Information - Provide your contact information for this report

	Name of applicant:	Heri Tarmizi
a.	Name of the organisation:	KSLH-Aceh
b.	Applicant's position and division in the organisation	Field Coordinator
c.	Type of organisation — Government/NGO/Private Sector/Other — specify):	CSO
d.	Email:	
e.	Postal address:	
f.	Office phone numbers:	-
g.	Applicant's mobile number:	
h.	Website of organisation:	
i.	Additional contact person	

#### 1.2 Event Location - Where did your event take place?

Name of country	Indonesia
Name of city	Banda Aceh
Name of event place/venue	Alue Naga,Banda Aceh.

#### 1.3 Event Organiser - Who were organiser and/or sponsor for your event?

The main sponsor is EAAFP through the WMBD Small Grant Program, with implementation collaboration between KSLH-Aceh and the Biology Student Association of FKIP, Syiah Kuala University, Banda Aceh.

#### 1.4 Target Audience - Who were the participants for your event?

School students, teachers or parents	
University students	University student
Researchers, scientist birdwatchers	
Site managers for flyway site and wetlands	
Decision or policy makers	
Media	Local Media
Others – specify	Youth Community

#### 1.5 Number of Participants - How many participants were there for your event?

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## Section 2. EVENT PROGRAMME (Compulsory)

### Event Program:

#### 1. Community Engagement and Education:

- Awareness Workshops: Interactive sessions for residents and youth on the importance of migratory shorebirds, bird identification, and environmental impacts. Participants will learn to use eBird for bird observation reporting.
- Pesticide Education: Workshops with local farmers on reducing pesticide use and introducing integrated pest management (IPM) to protect shorebirds and their habitats.

#### 2. Bioacoustics Monitoring Training:

- Equipment Deployment: In partnership with LEAFA, install bioacoustics devices in key mangrove areas, involving the community.
- Training Programs: Teach selected participants to operate and analyse bioacoustics data using Raven Pro software, with practical and theoretical components.
- Citizen Science Integration: Train participants to document bird sightings using eBird and contribute to global conservation databases.

#### 3. Community-Led Conservation Initiatives:

- Monitoring and Protection: Establish a local conservation group to manage bioacoustics equipment and monitor shorebird activity.
- Feedback and Evaluation: Regular meetings to review progress, address challenges, and gather community feedback for ongoing improvements.

## Section 3. BUDGET REPORT (Compulsory)

Category	Item	Cost (USD)
<b>1. Awareness Workshops and Education</b>	Educational Brochures and Flyers (Printing)	50
	Visual Aids and Handouts (Creation/Printing)	50
	Honoraria for Facilitators	100
	Refreshments and Logistics	100
	Travel Expenses for Facilitators	50
	Venue Rental	50
<b>Total for Awareness Workshops</b>		<b>400</b>
<b>2. Pesticide Education Sessions</b>	Training Materials (Pamphlets/Guides)	50
	Honoraria for Trainers	100
	Travel Expenses for Trainers	50
<b>Total for Pesticide Education</b>		<b>200</b>
<b>3. Bioacoustics Monitoring Training</b>	Honoraria for Trainers	50



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	Training Materials and Manuals	50
	Travel Expenses for Trainers	50
	Refreshments and Logistics	50
	Venue Rental	50
<b>Total for Bioacoustics Training</b>		<b>250</b>
<b>4. Citizen Science and Data Reporting</b>	Training Materials (eBird Guides)	50
	Community Incentives (T-shirts, Tumblers)	100
<b>Total for Citizen Science</b>		<b>150</b>
<b>5. Conservation Initiatives</b>	Feedback and Evaluation Meetings	100
<b>Total for Conservation Initiatives</b>		<b>100</b>
<b>6. Contingency Fund</b>	Reserve for Unexpected Costs	50
<b>Total for Contingency</b>		<b>50</b>
<b>Grand Total</b>		<b>1,000 USD</b>

**Section 4. SHORT SUMMARY REPORT (Compulsory) – This report will be shared on EAAFP website**

**Project Report: Enhancing Conservation at Alue Naga through Community Engagement, Education, and Bioacoustics Monitoring**

**Introduction**

On October 19 and 20, 2024, Alue Naga, a crucial wintering site for migratory shorebirds in Banda Aceh, Indonesia, hosted a significant workshop in celebration of World Migratory Bird Day (WMBD) 2024. Supported by the East Asian-Australasia Flyway Partnership (EAAFP) and organized by KSLH-Aceh in collaboration with the LEAFA project, Cornell University, Lisa K. Yang Acoustic Lab, BISA Indonesia Foundation, University Terengganu Malaysia, and HIMABIO FKIP USK, the event aimed to raise awareness about the crucial role of migratory birds and the environmental challenges they face, particularly the impact of pesticide use and habitat degradation. The theme for this year's celebration, "Protect Insects, Protect Birds," underscored the interconnectedness of ecosystems and the importance of preserving biodiversity.

**Objectives**

The workshop aimed to achieve several key objectives:

1. Increase Local Awareness: Educate community members about the ecological significance of migratory shorebirds and their reliance on healthy insect populations for survival.
2. Promote Sustainable Agricultural Practices: Introduce farmers to Integrated Pest Management (IPM) techniques that minimize pesticide use, thereby protecting local ecosystems.



3. **Enhance Monitoring Capabilities:** Train local youth and community members in bioacoustics monitoring technology to facilitate ongoing observation of bird populations and behaviors.

### Methodology

The workshop was structured into three interactive components:

1. **Community Engagement and Education:** Facilitated by Khairunnisa, this session attracted over 20 participants who learned to identify migratory shorebirds and understand their migration patterns. Engaging discussions focused on the threats posed by human activities and the vital role of insects in sustaining bird populations. Attendees were also introduced to the eBird platform, enabling them to contribute observations to global conservation databases.

2. **Sustainable Practices:** Led by Geburina Maghfirah, this segment specifically targeted local farmers, addressing the adverse effects of pesticide use on shorebirds and their habitats. Through practical demonstrations of Integrated Pest Management (IPM), 10 farmers gained valuable knowledge about reducing chemical inputs while maintaining crop productivity.

3. **Bioacoustics Monitoring Training:** Teddy Wahyudi conducted this hands-on training for 10 local youth and community members, teaching them to deploy bioacoustics recording devices in the mangrove ecosystem of Alue Naga. Participants learned to operate the equipment and analyze the data using Raven Pro software, equipping them with essential skills for monitoring migratory bird populations.

### Outputs

- **Enhanced Knowledge:** Participants reported increased awareness of the ecological importance of migratory shorebirds and the interconnectedness of insects and birds, fostering community commitment to conservation.
- **Adoption of Sustainable Practices:** The training on IPM is expected to lead to reduced pesticide use among local farmers, improving habitat quality for migratory shorebirds and benefiting local ecosystems.
- **Establishment of a Monitoring Program:** A community-led monitoring program is now in place, allowing trained local members to continuously track bird activity and contribute to long-term conservation efforts.

### Results

The workshop yielded significant outputs and outcomes:

- Community members participated in awareness workshops, gaining a deeper understanding of the importance of migratory shorebirds.
- Local farmers were trained in sustainable pest management practices, reducing the environmental impact on the habitat.
- Local youth were trained in bioacoustics monitoring, equipped to deploy and manage recording devices independently.

### Discussion

The successful execution of the WMBD workshop highlights the critical role of community involvement in conservation initiatives. By equipping local residents with knowledge and skills related to migratory shorebirds and sustainable agricultural practices, the event established a strong foundation for ongoing conservation efforts in Alue Naga.

**Conclusion**

The workshop celebrating World Migratory Bird Day 2024 not only empowered the local community to engage in the conservation of their natural resources but also emphasized the importance of protecting insects as a means of safeguarding bird populations. With continued support from organizations like EAAFP, the prospects for protecting Alue Naga’s vital ecosystem and its migratory shorebirds are significantly enhanced. The collaborative efforts among KSLH-Aceh, academic institutions, and the community serve as a model for future conservation initiatives aimed at preserving biodiversity and fostering sustainable practices.

**Section 5. PHOTO, VIDEO & MATERIALS (Compulsory):**

<p>Name of Photo/Video</p>	<p>Video : WMBD 2024 Cheer Video.          Figure 1.KHairunnisa, presentation about identify migratory shorebirds and understand their migration patterns.          Figure 2. Geburina Maghfirah, Addressing the adverse effects of pesticide use on shorebirds and their habitats.          Figure 3. Teddy Wahyudi conducted about deploy bioacoustics recording devices in the mangrove ecosystem of Alue Naga          Figure 4. The Participan listening the lecture.          Figure 5. The Participant observation the Shore Birds          Video 2. Teddy Wahyudi sharing session.</p>
<p>Photo/Video</p>	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;">  <p>Video.mp4</p> </div>  </div>



video 2.mp4



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Credit info	Credit Video KSLH- Aceh
Link	<a href="https://biologi.fkip.usk.ac.id/id/departemen-pendidikan-biologi-bekerjasama-dengan-kslh-bentuk-gerakan-peduli-terhadap-burung-migrasi">https://biologi.fkip.usk.ac.id/id/departemen-pendidikan-biologi-bekerjasama-dengan-kslh-bentuk-gerakan-peduli-terhadap-burung-migrasi</a>

### 1.7 Outcome - What is the outcome from your event?

Outcomes:

- The community is now more knowledgeable and engaged in the protection of Alue Naga, leading to better stewardship of this critical habitat.
- The introduction of IPM practices is expected to reduce pesticide use, improving the quality of the ecosystem.
- A sustainable monitoring program, led by trained community members, is now in place to continuously track shorebird activity, enhancing long-term conservation efforts.

### Any additional comment? (Optional)

The recent workshop at Alue Naga, supported by EAAFP to celebrate World Migratory Bird Day 2024, successfully engaged the community in understanding the importance of protecting migratory shorebirds and their habitats. Through education and hands-on training in bioacoustics monitoring, participants demonstrated a strong commitment to sustainable practices. Looking ahead, we aim to strengthen our collaboration with EAAFP by establishing long-term monitoring programs, expanding educational outreach, and conducting research on pesticide impacts. This partnership will empower local communities to actively participate in conservation efforts, ensuring a thriving ecosystem for both migratory birds and local livelihoods.

### Note:

- Email us the electronic file (JPEG or PDF) of your language version of the WMBD poster published for EAAFP website;
- Post its printed poster to the **EAAFP Secretariat**, if you can and have one;
- Take enough photos from events or activities with this WMBD poster and send us lots of photos in jpg or png format; and videos as well if you have one.
- Logos of WMBD and EAAFP have to be shown on all your printed and digital promotional materials.