



World Migratory Bird Day (WMBD) Small Grant 2023

Final Report

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Prepared by Rahmadiyono Widodo – Endemic Indonesia Society

Section 1. EVENT INFORMATION (Compulsory)

1.1 Contact Information - Provide your contact information for this report

Full Name	Rahmadiyono Widodo
Name of the organisation	Endemic Indonesia Society
Name(s) of the division and/or position	Secretary
Type of the organisation - Government/NGO/Private Sector/Other	NGO
Email	[REDACTED]
Postal address	[REDACTED] [REDACTED] [REDACTED]
Office phone numbers	-
(Your) Cell number (optional)	+ [REDACTED]
Fax (optional)	
Website (optional)	Instagram: @endemic.indonesia
Additional contact person (optional)	[REDACTED] (Prajawan)
Date of submission	02 June 2023

1.2 Event title:

World Migratory Bird Day 2023: Water for Birds and People

1.3 Event Location - Where did your event take place?

Name of country	Indonesia
Name of city	Kulon Progo and Bantul
Name of event place/venue	1. Secondary School MTS Darul Ulum Galur Kulon Progo 2. Estuary of Progo river, Bantul 3. Online

1.4 Event Type - Check the relevant categories of your event type

Public awareness activity – local and/or national	
Field Trip (e.g. Birdwatching)	V
Monitoring/survey	
School visit	V
Festival	
Media event (e.g. press release)	V

Movie/video	
Webinar	V
Competition	V

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

Events were organised by Endemic Indonesia Society in collaboration with Paguyuban Pengamat Burung Jogja (Yogyakarta Birdwatcher Society) and supported by East Asian-Australasian Flyway Partnership.

1.6 Target Audience - Who were the participants for your event (**Compulsory**)?

Target Audience types	Number participated
School students, teachers or parents	42
University students	35
Researchers, Scientist, NGO	3
birdwatchers	30
Site managers for wetlands	2
Decision or policy makers	3
Media	2
Company	1
Photografer	1
Total number of Participants	119

1.7 Outcome - What is the outcome from your event?

The results obtained from these activities are as follows:

1. Education (lecture and discussions) to the students of MTS Darul Ulum Kulon Progo regarding the types of birds around the Progo river estuary and the actions that can be taken to conserve them.
2. Direct education to students and university students in Yogyakarta by conducting bird observations at the Progo river estuary. Participants were given pamphlets to assist them in identifying the birds there.
3. Approximately 30 photography and article related to the role of water in bird life
4. Education through webinars related to the dangers of microplastics in river flow and the conservation of migratory birds.
5. Three publications in the mass media related to the activities of WMBD 2023.

1.8 Any additional comment? (Optional)

In the activities we organized, we successfully involved several decision-makers from both the Conservation Agency and the National Park. Our hope is to establish cooperation with them and be supported by EAAFP to conserve migratory birds.

Section 2. EVENT PROGRAMME (Compulsory)

We organized four activities supported by EAAFP, which are as follows:

1. School Visit (May 13, 2023)

A school visit was conducted at MTS Darul Ulum Galur Kulon Progo, providing materials related to the conservation of migratory birds. The session was delivered by R. Arif Alfauzi, S.Si., an UNY alumnus with extensive experience in coastal bird conservation activities. The activity was attended by approximately 38 students, 4 teachers, and 10 university students.

2. Birdwatching (May 13, 2023)

Birdwatching activities took place in the vicinity of the Progo River estuary in Bantul during the afternoon. Students from MTS Darul Ulum and around 20 university students participated in this event. The participants were divided into several groups and guided by birdwatchers from the Yogyakarta Birdwatchers Society to observe and identify birds. The event was also attended by journalists and resulted in a media article.

(Read the article:

<https://jogjapolitan.harianjogja.com/read/2023/05/14/514/1135239/eis-dan-mts-darul-ulum-kulonprogo-lakukan-pengamatan-burung-di-muara-progo>)

3. Photo and Article Competition (May 11-24, 2023)

This competition was conducted online with two categories: students and university students. Approximately 30 photos and articles were submitted for the competition. The participants' works were evaluated on May 25-26, 2023, and the winners were announced on May 27 during the webinar event.

4. Webinar (May 27, 2023)

A webinar was organized with the theme of water and bird conservation in the Progo River. The topic of water conservation was presented by Inggita Utami, M.Sc., a lecturer from Ahmad Dahlan University. She shared the findings of her research related to microplastics in the Progo River flow. The topic of bird conservation was presented by Rahmadiyahono Widodo, S.Pd. from the Endemic Indonesia Society. Approximately 80 participants from different backgrounds registered for this webinar, including decision-makers from both the Conservation Agency and the National Park. The event was also covered by the media and resulted in two articles.

(Read the articles: <https://kumparan.com/pandangan-jogja/masifnya-tambang-pasir-di-muara-sungai-progo-ancam-habitat-burung-pantai-migran-20UUBUryr1s>

And

<https://kumparan.com/pandangan-jogja/kali-progo-tercemar-mikroplastik-karena-sampah-popok-bayi-sampai-kasur-20UU1QKHSCC>)

Section 3. SHORT SUMMARY REPORT (Compulsory)

The Progo River serves as an important water source for the surrounding communities. Its presence is also crucial as a feeding and resting place for migratory birds. Birdwatchers from Yogyakarta have recorded 44 species of migratory shorebirds in the Progo River estuary and surrounding. Several endangered species, such as the Great Knot, Nordmann's Greenshank, and Far-eastern Curlew, have been recorded in this river estuary. However, migratory birds in the Progo River estuary are threatened by various factors, including hunting, habitat degradation, and the presence of microplastics in the river flow. These microplastics also pose a danger to the communities living near the river.

Considering these conditions, the Endemic Indonesia Society organized a series of educational activities to raise awareness about the importance of water and the conservation of migratory birds. The theme of these activities was "World Migratory Bird Day 2023: Water for Birds and People." The activities were organized in collaboration with the Yogyakarta Birdwatcher Society and received funding from the East Asian-Australasian Flyway Partnership.

The first activity conducted was a school visit to MTS Darul Ulum Galur Kulon Progo on May 13, 2023. The event was attended by approximately 50 participants, including students, teachers, and university students. During this activity, R. Arif Alfauzi, S.Si., delivered a presentation and engaged in discussions with the students regarding the conservation of migratory birds in the Progo River estuary. After the school session, the students were taken to the Progo River estuary for birdwatching in the afternoon. In addition to the school students, approximately 20 university students, local communities, NGO members, and journalist also participated in the birdwatching activity. The participants were divided into several groups and guided by the Endemic Indonesia Society and the Yogyakarta Birdwatchers Society to observe and identify birds. Participants were provided with pamphlets containing photos of commonly found birds in the estuary to facilitate bird identification. Although it was not the migration season, participants were still able to observe several bird species, including three shorebird species: Common Sandpiper, Javan Plover, and Greater Crested Tern.

The next activity held as part of WMBD was a photography and article competition from May 11-24, 2023. The theme chosen for the competition was "Birds and Water." The competition was divided into two categories: student and university student. Approximately 30 entries were received for the competition. The winners were announced during the webinar on May 27, 2023.

The webinar served as the closing event for WMBD 2023. A total of 78 people registered for the webinar, with the majority was students and birdwatchers. However, there were also decision-makers from the Conservation Agency and National Park, researchers, teachers, NGO members, and journalist among the participants. During the webinar, two speakers delivered fascinating presentations. The first presentation was given by Inggita Utami, M.Sc. (a lecturer from Ahmad Dahlan University) on the dangers of microplastics in the Progo River. This was followed by the second

presentation by Rahmadiyono Widodo, S.Pd., on the conservation of migratory birds in the Progo River estuary. The participants showed great enthusiasm in asking questions and engaging in discussions.

As part of this series of activities, the Endemic Indonesia Society involved two mass media to the events. Rahmadiyono, as the event leader of the WMBD 2023 activities, hoped that by involving the mass media, the issue of migratory bird conservation could be spread to a wider audience. As a result of the WMBD activities, three news articles were published on May 14 and May 28, 2023.












Section 4. EXPENDITURE REPORT (Compulsory)

Transportation	50 USD
Birdwatching Guide and School Visit Fasilitator	70 USD
Speakers (school and webinar)	140 USD
Leaflet, Banner, T-Shirts, campaign kit	271 USD
Binocular and monocular rent	10 USD
Doorprize	20 USD
Gift for competition	185 USD
Competition Judges	200 USD
School visit and birdwatching consumption	54 USD
Total	1,000 USD

*Please keep the receipt in case auditing is needed.

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

Name of Photo/Video	Banner
Photo/Video	
Credit info	Banner which used for school visit and birdwatching

Link		
Name of Photo/Video	Pamflet	
Photo/Video	 <p>BURUNG-BURUNG DI MUARA SUNGAI PROGO</p> <p>Di sekitar pantai Trisik atau muara sungai Progo tercatat 44 jenis burung pantai (Taufiqurrahman et al 2015). Burung pantai ini sebagian besar adalah burung bermigrasi yang berasal dari belahan bumi utara. Selain itu, di kawasan muara sungai Progo juga dijumpai beberapa jenis burung penatap.</p> <p>Semua burung memiliki manfaat untuk lingkungan, maka mari kita jaga dan lestarikan bersama.</p> <p>Berikut adalah beberapa contoh jenis burung yang umum dijumpai di muara sungai Progo:</p>  <p>Cerek Jawa (15 cm) - burung penatap</p>  <p>Cerek keryut (25 cm) - burung bermigrasi</p>  <p>Trinil semak (20 cm) - burung bermigrasi</p>  <p>dara-laut jambul (40 cm) - burung bermigrasi</p>  <p>blekok sawah (45 cm) - burung penatap</p>  <p>trinil pantai (20 cm) - burung bermigrasi</p>  <p>cekakak australia (22 cm) - burung bermigrasi</p>  <p>cici padi (10 cm) - burung penatap</p>  <p>biru-laut ekor-blorok (37 cm) - burung bermigrasi</p>  <p>cangak abu (92 cm) - burung penatap</p> <p><small>Pamflet ini dibuat oleh Endemic Indonesia Society dan dibantu dengan dana dan Foto Aksi Asosiasi Penyanyi Pemertapa (ASAPP) untuk Indonesia sebagai kontributor World Migratory Bird Day, 13 Mei 2023. Semua foto oleh Rahmatuliyana Widiati.</small></p>	
Credit info	Pamflet for birdwatching	
Link		




Name of Photo/Video	School Visit
Photo/Video	 A man in a white t-shirt with a blue bird logo is standing on a stage, pointing towards a projection screen. The screen displays a slide with a bird image and text in Indonesian. Behind him is a large banner for 'WORLD MIGRATORY BIRD DAY 2023' with logos for EAAFP, World Migratory Bird Day, and Endemic Indonesia Society. Another person is seated on a bench to the left.
Photo/Video	 A woman in a green hijab and patterned dress is presenting a gift to two men. The men are wearing white t-shirts with the same blue bird logo. They are standing in front of the same 'WORLD MIGRATORY BIRD DAY 2023' banner. The gift is a white bag with a blue bird logo and a small box.



Credit info

1. Deliver the presentation
2. With the school head-master
3. School visit activity
4. After session

Link

Name of Photo/Video	Birdwatching
Photo/Video	  

	
<p>Credit info Link</p>	<p>Birdwatching at Progo river estuary</p>

<p>Name of Photo/Video</p>	<p>Photo and Article Competition</p>
<p>Photo/Video</p>	

PEMENANG LOMBA FOTO

MAHASISWA

1. MUHAMMAD AL FATIH



2. M TEGUH ARYA



3. FIKRI NURSHAFWAN



PEMENANG LOMBA FOTO

PELAJAR

1. RHEIRA JENY



2. TENTA TUTUT



3. FAJAR NOVIANTO



PEMENANG LOMBA ARTIKEL PELAJAR

Air Menopang Kehidupan Burung

Oleh : Ika Yuliana Nur Asyifa

Burung merupakan salah satu makhluk hidup yang membutuhkan bantuan air untuk menjalani kehidupannya. Tanpa air makhluk hidup akan banyak punah, dikarenakan sebagian besar tubuh makhluk hidup di dunia ini sangat membutuhkan air. Oleh karena itu burung juga sangat memerlukan air untuk kebutuhannya, salah satunya yaitu untuk pergerakan sekelompok burung dari habitatnya menuju lokasi tertentu untuk mencari makanan yang dilakukan setiap tahun pada waktu-waktu tertentu dengan menempuh perjalanan yang panjang, atau disebut juga bermigrasi.

Alasan burung bermigrasi karena perubahan iklim yang ada di habitatnya, banyak burung yang berkembang biak di bumi bagian Utara yang bermigrasi ke bumi bagian Selatan tergantung pada kondisi iklim yang ada di daerah tersebut. Daerah yang tropis menjadi tujuan migrasi para sekelompok burung ketika di habitat mereka sedang mengalami musim gugur. Karena saat musim gugur persediaan makanan mereka berkurang.

Migrasi burung terjadi umumnya di musim gugur dan semi. Di musim gugur, perjalanan dilakukan dari tempat berbiak di bumi bagian utara ke daerah tropis di bumi bagian selatan, dan sebaliknya. Para burung melakukan ini dikarenakan ketersediaan pangan dan perubahan suhu di tempat itu. Oleh karena itu para burung mencari tempat tropis yang pada umumnya dapat menghangatkan dan mencari tempat berair untuk kebutuhannya.

1. IKA YULIANA NUR ASYIFA

PEMENANG LOMBA ARTIKEL MAHASISWA

Urgensi dan Strategi Pelestarian Burung Pantai Migran di Indonesia

Khansa Hanun Afifah, Yogyakarta

Universitas Gadjah Mada - Mahasiswa

Mengenal Burung Pantai Migran

Migrasi burung (*migratory bird*) merupakan pengembaraan yang dilakukan oleh burung, dimana pada setiap tahun burung terbang dari tempat asalnya menuju tempat lain sebagai respon terhadap lingkungan seperti adanya suhu rendah maupun musim dingin. Rata-rata burung yang melakukan migrasi merupakan jenis burung air, burung pemangsa dan burung darat. Fenomena ini terjadi sebagai bentuk adaptasi akibat perubahan kondisi cuaca yang terjadi yang berpengaruh terhadap ketersediaan sumber pakan di habitat. *Shorebirds* atau sering dikenal dengan istilah *Waders* merupakan istilah burung-burung pantai. Jenis burung ini memiliki ketergantungan tinggi dalam mencari pakan di kawasan pesisir pantai. Jenis-jenis burung *shorebirds* juga dapat ditemui di kawasan lahan basah lain seperti rawa, sungai, danau, rawa-rawa, kawasan mangrove, dan persawahan.

Putra (2023) menyatakan bahwa di seluruh dunia, terdapat sekitar 214 jenis burung pantai, dan 26 jenis diantaranya dijumpai di Indonesia. Sebagian besar burung ini merupakan burung

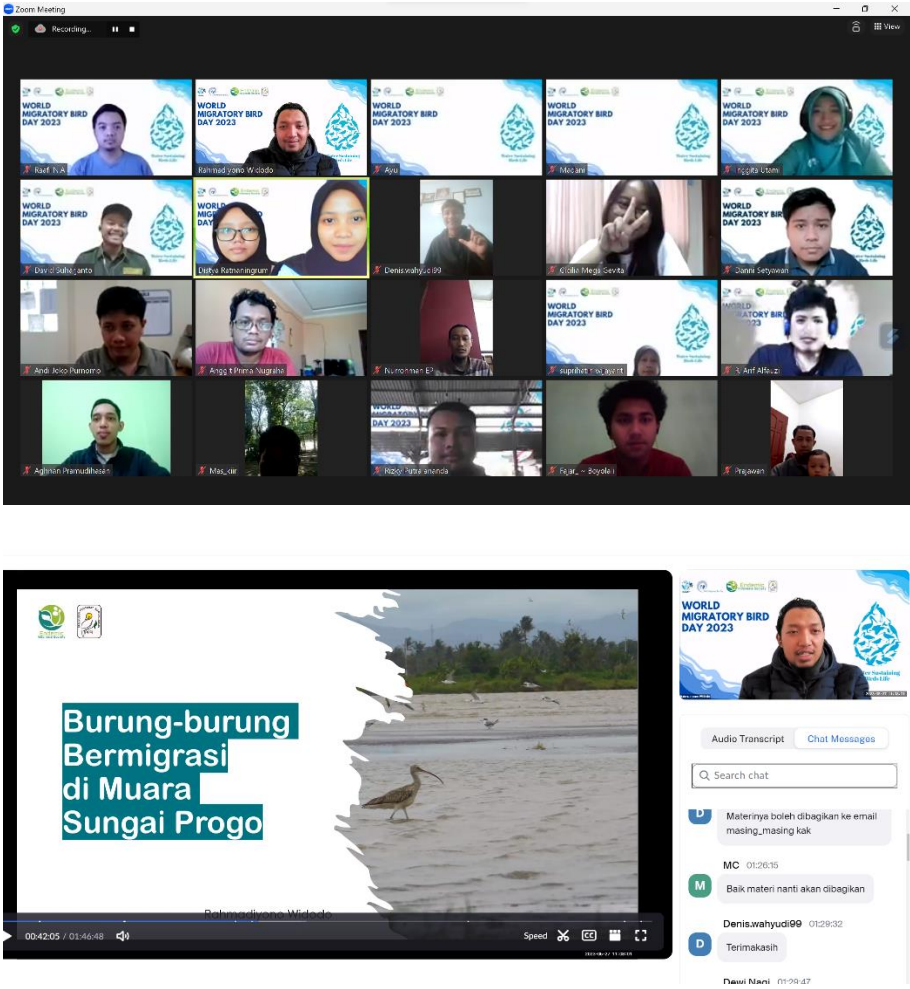
1. KHANSA HANUN AFIFAH

Credit info


The winner for the competition

Link

<https://www.instagram.com/p/Csvp7h7Bvx8/>

Name of Photo/ Video	Webinar
Photo/ Video	 <p>The image shows a Zoom meeting interface for 'World Migratory Bird Day 2023'. The top portion displays a grid of 20 participants, each with a video feed and a name tag. The bottom portion shows a presentation slide with the title 'Burung-burung Bermigrasi di Muara Sungai Progo' and a video player. To the right of the slide is a chat window with messages from participants.</p>

	<p>Mikroplastik dan Bahayanya</p> <p>Endemic Indonesia Society UAD Universitas Ahmad Dahlan</p> <p>How does microplastics affect our health?</p> <p>NERVOUS SYSTEM: [171] Schenck et al., 2017</p> <p>RESPIRATORY SYSTEM: [116] Lohrer et al., 2019 [121] Vandenbroucke et al., 2019 [122] Revell et al., 2016 [123] Liu et al., 2018 [124] Campani et al., 2018 [125] Calmano et al., 2018 [126] Chung et al., 2017 [127] Wright & Kelly, 2017 [128] Pagel et al., 2015</p> <p>KIDNEY SYSTEM: [172] Bost et al., 2015</p> <p>RESPIRATORY SYSTEM: [116] Lohrer et al., 2019 [121] Vandenbroucke et al., 2019 [122] Revell et al., 2016 [123] Liu et al., 2018 [124] Campani et al., 2018 [125] Calmano et al., 2018 [126] Chung et al., 2017 [127] Wright & Kelly, 2017 [128] Pagel et al., 2015</p> <p>DIGESTIVE AND EXCRETORY SYSTEM: [154] Coe et al., 2019 [155] Luo & Tang, 2019 [173] Stock et al., 2016 [156] Schwedz et al., 2019 [174] Bhandari et al., 2019 [175] Hansen & Voth, 2016 [176] Hansen & Voth, 2016 [157] Lutz et al., 2018 [158] Wright & Kelly, 2017 [177] Faria et al., 2016 [178] Thibautier & Serrant, 2010</p> <p>PLACENTAL BARRIER: [165] Grafmüller et al., 2015</p> <p>SKIN: [122] Revell et al., 2016</p> <p>Campanale et al., 2020</p> <p>Utami et al., 2020, 2021</p>
<p>Credit info</p>	<p>WMBD 2023's Webinar</p>
<p>Link</p>	<p>https://anu.zoom.us/rec/share/6--rFINmuOCtrWOBcOcTcW1fJuHtdE8dWg15xznVwlv7f1VpvWwjXoiVX_IqVMwD.Wmi2EPkGNCJmCHSa?startTime=1685157956000 Passcode: U\$6r*@D6</p>

Name of Photo/Video	Mass Media Report
Photo/Video	<p>Harian Jogja</p> <p>HOME NEWS PEMILU 2024 JOGJAPOLITAN PENDIDIKAN EKBIS OTO-TEKNO WISATA SPOR</p> <p>ADVERTISEMENT</p> <p>Home > Kulonprogo</p> <h3>EIS dan MTS Darul Ulum Kulonprogo Lakukan Pengamatan Burung di Muara Progo</h3> <p>👤 Andreas Yuda Pramono 📅 Minggu, 14 Mei 2023 - 21:17 WIB ✍️ Sunartono</p>  <p>EIS bersama PPBI dan para siswa MTS Darul Ulum Muhammadiyah Galur melakukan pengamatan burung di muara Sungai Progo pada Sabtu (13/5/2023). - Harian Jogja/Andreas Yuda Pramono.</p>

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Kali Progo Tercemar Mikroplastik karena Sampah Popok Bayi sampai Kasur


Konten Media Partner **Pandangan Jogja** ✓

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28 Mei 2023 13:26 · waktu baca 3 menit

Dosen Biologi Universitas Ahmad Dahlan (UAD) Yogyakarta, Inggita Utami. Foto: Dok. PPBJ

Cemaran mikroplastik di Sungai Progo yang sebagian besar melintasi wilayah Daerah istimewa Yogyakarta (DIY), dinilai sudah mulai mengkhawatirkan. Bahkan, dari penelitian yang dilakukan oleh Lebreton pada 2017, Sungai Progo termasuk ke dalam daftar 20 sungai dengan input sampah plastik terbesar di dunia.

	 <p>The screenshot shows a news article from 'Pandangan JOGJA'. The title is 'Masifnya Tambang Pasir di Muara Sungai Progo Ancam Habitat Burung Pantai Migran'. The article is dated 28 Mei 2023 at 13:47 and has a 3-minute read time. It features a video thumbnail with logos for EAAFP, Endemic Indonesia Society, and World Migratory Bird Day 2023. The video shows a man speaking in front of a blue background with bird silhouettes.</p> <p>Peneliti dari Endemic Indonesia Society (IES), Rahmadiyono Widodo. Foto: PPBJ</p> <p>Muara Sungai Progo di kawasan Pantai Trisik menjadi salah satu tempat berlabuh bagi 40 lebih jenis burung pantai migran yang datang dari belahan Bumi utara setiap tahunnya. Kawasan ini menjadi tempat istirahat dan mencari makan burung-burung tersebut selama beberapa bulan sebelum kembali ke kampung halamannya untuk</p>
Credit info	Report from mass medias (Harian Jogja and Kumparan)
Link	<p>https://jogjapolitan.harianjogja.com/read/2023/05/14/514/1135239/eis-dan-mts-darul-ulum-kulonprogo-lakukan-pengamatan-burung-di-muara-progo</p> <p>https://kumparan.com/pandangan-jogja/kali-progo-tercemar-mikroplastik-karena-sampah-popok-bayi-sampai-kasur-20UU1QKHSCC</p> <p>https://kumparan.com/pandangan-jogja/masifnya-tambang-pasir-di-muara-sungai-progo-ancam-habitat-burung-pantai-migran-20UUBUryr1s</p>

Other documentations with high resolution can be accessed by:

<https://drive.google.com/drive/folders/11iWkCptsYO3JOkUcqCsXdi8eeMoLmWuK?usp=sharing>