

## 2021 EAAFP Small Grant Fund Application Form

### Personal Details of Applicant

**Title:** Mr Handono Cipto Dwi  
 (Mr, Ms etc) Family name Given Name/s

**Institution:** Yayasan Ekologi Satwa Alam Liar Indonesia (EKSAI Foundation)  
**Institutional address:** Kutisari St. I no. 19  
**Degree type:** Surabaya Indonesia 60291  
 Suburb or town State or country Postcode

+628113690996 +6281994111014  
 Primary contact number Mobile phone number

**Email address:** ciptodwihandono@gmail.com

### Relevant Working Group or Task Force Chair/Coordinator - DETAILS

Please contact the EAAFP Programme Officer if additional guidance is needed in relation to this section  
 (programme@eaaflyway.net)

**Name of Working Group or Task Force:** Shorebird Working Group

**Title of Chair/Coordinator:** Mr. Lanctot Richard  
 (Mr, Ms etc) Family name Given Name/s

**Email address:** richard\_lanctot@fws.gov

### Eligibility of Projects

- The focus of the project is migratory waterbirds and their habitats. Yes  No
- The project will improve the understanding of factors important for the conservation of migratory waterbirds and their habitats in the EAAF. Yes  No
- The applicant agrees to provide a final report within 3 months of the completion of the project. Yes  No
- The applicant agrees to submit 1-2-page article and photographs for inclusion on EAAFP's website and/or write a brief article for the EAAFP's newsletter. Photographers will be acknowledged. Yes  No
- The applicant will acknowledge the support of the EAAFP in any publications, presentations and reports arising from this work. Yes  No

## Project Details

**Project Title:** Please provide a concise and informative title of your entire project (not just the component for which funds are sought)

Evaluation of Vegetation Expansion as Potential Threat for Nordmann's Greenshank and other Migratory Shorebird at Pantai Cemara, Jambi

### Part A. Project Proposal

**Details of your entire project (not just the component for which funds are sought) (2.5 page maximum)**

- 1. Objectives:**
1. Determine if the expansion of vegetation at Pantai Cemara Jambi can be serious threat for migratory shorebirds, especially Nordmann's Greenshank
  2. Determine the possible cause of the expansion of vegetation at Pantai Cemara Jambi
  3. Identify the shorebirds species and shorebirds abundance at Pantai Cemara Jambi, and how the expansion of the vegetation affect the shorebirds presence and distribution
  4. Determine the management plan (involving the local authority and local shorebird team) to control the vegetation expansion and manage the habitat.

**2. Background:**

Nordmann's Greenshank (*Tringa guttifer*) is an endangered species, confined to the East Asian–Australasian Flyway (Bamford et al. 2008, BirdLife International 2001, 2012). The global population of this species estimated at 500–1,000, with an estimated 100 in Malaysia, 100–200 in Thailand, 100 in Myanmar, plus unknown but low numbers in India, Bangladesh and Sumatra (Wetlands International 2006).

Mostly Nordmann's Greenshanks have been recorded in very small numbers throughout Southeast Asia, and there are few places where it has been reported regularly. In Myanmar, for example, it was rediscovered after a gap of almost 129 years. The total count recorded by the Asian Waterbird Census (AWC) in 2006 for Myanmar was 28 birds with 14 being the largest number at a single locality (Naing 2007). In Sumatra Nordmann's Greenshank was found at Tanjung Rejo village (3°44'N, 98°46'E), Percut Sei Tuan Subdistrict and Pantai Labu Subdistrict (Abdillah and Iqbal, 2012).

As one of the rarest and most threatened shorebirds, research and conservation activities for Nordmann's Greenshank is very important, especially in their non-breeding habitat. Based on BirdLife International (2016), one of the key threats for Nordmann's Greenshank is the development of coastal wetlands throughout Asia, which means that one of the key threat of this species is its passage and/or non-breeding habitat change. Beside the development and reclamation, the decreasing population of shorebirds species also affected by the vegetation expansion (invasive species), such as grass *Spartina* (Q. Bai in litt. 2016). Most of shorebirds species need an open wetland as the feeding ground to get a better access to its prey, therefore the massive growth of vegetation could be disturbing and affected the presence of shorebirds in the habitat.

Pantai Cemara, Jambi is one of the most important site for Nordmann's Greenshank in Indonesia. In 2019 recorded 28 individuals of Nordmann's Greenshank using this site as non-breeding ground, and in 2020 the number of Nordmann's Greenshank is declining into 21 individuals. There are also records of other endangered migratory shorebirds at Pantai Cemara : Far Eastern Curlew and Great Knot.

Based on the shorebirds monitoring result at Pantai Cemara on November 2020, we recorded the expansion of vegetation at Pantai Cemara and a drastic drop of migratory shorebird at Pantai Cemara Jambi. Maximum count of migratory shorebirds using Pantai Cemara as its non-breeding site in 2019 are 17,032 individuals, and in 2020 are dropped to 2,817 individuals (unpublished data of nordmann's greenshank survey at Pantai Cemara, 2019 - 2020). Despite this rapid declining of migratory shorebirds species at Pantai Cemara Jambi, the number of endangered species, such as Nordmann's Greenshank are still stable. Nevertheless, this result show the urgent need of continuous research and conservation activities to manage Pantai Cemara as the non-breeding habitat of migratory shorebirds, especially Nordmann's Greenshank.

**3. Project plan, timeline and methods:**

**Evaluation of Vegetation Expansion as Potential Threat for Nordmann's Greenshank and other Migratory Shorebird at Pantai Cemara, Jambi**

Team Leader : **Cipto Dwi Handono**  
Team Member :

Methods :  
- Determine the observation point

<ul style="list-style-type: none"> <li>- Ahmad Zulfikar Abdullah</li> <li>- Iwan Febrianto,</li> <li>- Ragil S. Rihadini,</li> <li>- Happy Ferdiansyah,</li> <li>- Teguh S. ( BKSDA / Conservation and Natural Resources Agency Jambi )</li> <li>- Herman (Local shorebird team)</li> <li>- Joni (Local shorebird team)</li> <li>- Wahidin (Local shorebird team)</li> </ul>	<ul style="list-style-type: none"> <li>- Identify the vegetation species</li> <li>- Doing the assessment around the site and interviewing local people to identify and determine the possible cause of this vegetation expansion</li> <li>- Identify the effect of this vegetation expansion to migratory shorebirds especially Nordmann's Greenshank at Pantai Cemara by doing the survey of migratory shorebirds</li> </ul>
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**TIMELINE (It's flexible and the field survey might change between October to December)**

June 2021	Take care of administrative Permit
5 November 2021	Travel from Surabaya to Jambi
6 November 2021	Discussion with BKSDA (Conservation and Natural Resources Agency) Jambi
8 -11 November 2021	Field Survey
12 November 2021	Education Program to Local People
15 November 2021	Presenting the Survey Result to BKSDA (Conservation and Natural Resources Agency) Jambi
16-20 November 2021	Data Analysis

**4. Likely benefit to the conservation of migratory waterbirds and their habitat / or key research outputs:**

This activity will involve the local stakeholders (local people, local government and department and communities). Based on the EAAFP Strategic Plan 2019 – 2028, this activity will support 3 key result areas.

- a. KRA 3.5 Collaborative research programs are established to provide effective support for conservation and sustainable management efforts, particularly the sustainable use of resources for local livelihoods benefits.  
*By doing the continuous research of migratory waterbirds and it's habitat at Pantai Cemara collaborate with local stakeholders (government, communities and local people), will improving the conservation in this habitat and trough this activity we will be able to improving the management of this habitat.*
- b. KRA 5.1 Partners are actively collaborating to develop approaches to conserve migratory waterbirds and their habitats in the EAAF across national boundaries.  
*Since 2019 we collaborate with local people, local government and community to conduct a migratory shorebirds survey at Pantai Cemara. In 2019 and 2020 we train the local shorebird team (3 local people of Cemara Village) to be able to identify the endangered species (Nordmann's Greenshank and Far Eastern Curlew). From this collaborative action we hope to create the sustainable conservation activity at Pantai Cemara Jambi.*
- c. KRA 5.2 Threatened migratory waterbirds are protected from threats and populations are stable or increasing  
*From this assessment and evaluation, we will identify the potential threat of vegetation expansion at Pantai Cemara, Jambi and how it affecting migratory shorebirds. Based on the result of the survey and analysis, we will be able to prevent a further declining of shorebirds at Pantai Cemara, Jambi especially Nordmann's Greenshank as on of the most endangered species in EAAF.*

**5. Alignment with EAAFP Working Groups and Task Forces priorities:**

Beside **Shorebirds Working Group** this activity is alignment with **Far Eastern Curlew Task Force**, considering this species (Far Eastern Curlew) was recording using Pantai Cemara as non-breeding site every year.

**6. Explain the part of your project for which you are seeking funds in this Application:**

Considering the difficult access to reach Cemara Village, this funds will used to help us reach the site and access the observation point by boat. This funds will also help us to provide the accommodation and allowance to the monitoring team also provide the optic and identification book (field guide) for local shorebird team.

**7. Scientific References cited in the Application:**

BirdLife International. 2016. *Tringa guttifer*. The IUCN Red List of Threatened Species 2016:eT22693225A93391729.<http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T22693225A93391729.en>

Bamford, M., Watkins, D., Bancroft, W., Tischler, G. & Wahl, J. 2008. Migratory shorebirds of the East Asian–Australasian flyway: Population estimates and internationally important sites. Wetlands International, Oceania. Canberra, Australia.

BirdLife International. 2001. Threatened birds of Asia: The BirdLife International Red Data Book. BirdLife International, Cambridge, UK.

BirdLife International. 2012. Species factsheet: *Tringa guttifer*. [www.birdlife.org](http://www.birdlife.org). [accessed on 10/03/2012].

Li, Z.W.D. & Ounsted, R. (eds). The status of coastal waterbirds and wetlands in Southeast Asia: Results of waterbird survey in Malaysia (2004–2006) and Thailand and Myanmar (2006). Wetland International, Kuala Lumpur, Malaysia.

Naing, T.Z. 2007. Surveys of coastal waterbirds and wetlands in the Ayeyarwaddy (Irrawaddy) Delta, Myanmar, December 2005–March 2006

Zockler, C., David Li., Chowdhury, Sayam U., Iqbal, M., and Chenxing, Yu. 2018. Winter Distribution, Habitat and Feeding Behaviour of Nordmann’s Greenshank *Tringa guttifer*. Wader Study 125(1) : 00-00. 10.18194/ws.00106.

**Part B. FOR CONFERENCE APPLICANTS ONLY**  
 (For Task Force or Working Group members delivering their own work as a presentation, paper or poster)

Conference Title:	Location:	Date:
<b>Presentation Abstract</b> (250 word maximum):		

**Part C. FOR ALL APPLICANTS**

**Experience Relevant to Project:**

Name:	Cipto Dwi Handono
Birth Date:	21-05-1989
Citizenship :	Indonesia
Education:	Bachelor of Biological Science of Airlangga University, Indonesia
Profession:	Bird Researcher and Bird Bander
2013 Co-Founder of Sayap Surabaya (Birdwatcher Local Community) 2018 Co-Founder & Researcher of EKSAI Foundation (Yayasan EKSAI)	
<b>Licence</b>	
IBBS Banding Authority Class C (February, 21 th 2018 - February, 21 th 2020)	
<b>Internship &amp; Experiences</b>	
2009 Field Coordinator of annual event “World Migratory Bird Day” at Surabaya	
2015 Speaker at Wildlife photography discussion forum held by Matanesia (Journalist Community)	
2016 Poster presentation participant of KBBI at Yogyakarta	
2017 Bird banding project partner with PHE-WMO (Pertamina Hulu Energy) at Gresik & Madura Island.	
2017 Bird Banding at Pontianak with WWF Indonesia	
2018 Speaker assistant of Bird Banding Workshop by Veterinary Faculty of Airlangga University at Cagar-Malang, East Java.	
2019 Team Survey : (Javan White-eye Survey) Kacamata-Jawa di pesisir Jawa Timur dengan Bas Van Balen	
2019 Field Coordinator : Far Eastern Curlew Project at Pantai Cemara Jambi	
2019 Project Leader of Flyway Network Site Potential Survey (Funded by JAIF – managed by ACB) at Pantai Cemara, Jambi	

2020 Project Leader of Nordmann's Greenshank Survey at Pantai Cemara, Jambi (Funded by EAAFP)

**Publication (Scientific or Popular Publication)**

Stilt 69-70 9 (2016) Behaviour of Breeding Javan Plover Charadrius javanicus at Wonorejo Fishpond, Surabaya, Indonesia

**Publication (Books or Field Guide)**

Jenis-Jenis Burung di Area Konservasi Mangrove PHE WMO (Bangkalan dan Gresik) 2017, PT.Eco Sains Indonesia.

Penandaan Burung (Bird Banding) di Area Konservasi Mangrove PHE WMO (Bangkalan dan Gresik). 2017. PT Eco Sains Indonesia Surabaya, March 2019 Sincerely, Cipto Dwi Handono

Please **also** attach a maximum 2-page CV or list non-academic research experience and experience with migratory waterbirds/conservation e.g. work experience, volunteer experience, bird banding, birdwatching.

**Project Budget (please outline your entire project, not just the component for which funds are being sought)**

Item (Please list)	\$ Budget (in USD)	Current support / Requested Support (source and amount)	Requested support from EAAFP (source and amount)
Equipment: (Spotting Scope)	1000	0	1000
Consumable items (Meeting, Meal and Allowance)	4000	2000 (Asian Waterbird Conservation Fund – current support)	2000
Travel and accommodation (details)	3000	2000 (Asian Waterbird Conservation Fund – current support)	1000
Computing & clerical (reporting, administration & data analysis)	500	0	500
Other (Frequent Covid- 19 Test, Vitamin, etc.)	500	0	500
<b>Total amount requested from Small Grants Fund:</b> (All amounts in USD)			<b>5000</b>

**Budget justification:** Please provide brief description and justification of all major budgetary items requested, indicating any that are essential to the project and/or conference for which you are applying (250 word maximum):

This project will be conducted at Pantai Cemara Jambi which located at Sumatera Island Indonesia. Beside we need a transportation cost to fly from Java to Sumatera, we also need pretty much cost for local transportation because the distance from the city to the site. We also need boat to reach each observation point. We also need to buy the spotting scope that we will give to the local people so they could do the continuous survey and monitoring at Pantai Cemara, Jambi.

## Declaration

I have discussed the contents of this Application with the relevant Chair/s and Coordinator/s of relevant Working Group and/or Task Forces and I certify that to the best of my knowledge all documentation and information submitted or made available by me is true, accurate and complete.

By ticking the following box you are agreeing to the above statement:

## Application Checklist

All relevant sections of this Application have been completed.	Yes <input checked="" type="checkbox"/>	No
Full payment details have been provided on the final page.	Yes <input checked="" type="checkbox"/>	No
Application is being submitted electronically as one single document.	Yes <input checked="" type="checkbox"/>	No
Application is being submitted in MS Word format.	Yes <input checked="" type="checkbox"/>	No
Application has been discussed with the relevant Chair/s and Coordinator/s of relevant working Group and/or Task Forces and these have been carbon copied (cc) to this application submission as evidence they have seen and approved this Application.	Yes <input checked="" type="checkbox"/>	No

Applications that do not comply with these guidelines will be returned to the applicant.

## Application Submission

Please email your Application as a single document to:  
[secretariat@eaaflyway.net](mailto:secretariat@eaaflyway.net)

EAAFP will acknowledge the receipt of your Application.

**Applications close at 5pm (Seoul Time) on 5 February 2021**  
**Results will be announced on 3 March 2021 on EAAFP Webpage and via email**

### OFFICE USE ONLY:

Decision: \_\_\_\_\_

Authorised:                    \_\_ / \_\_ / \_\_                    \_\_\_\_\_

Entered:                        \_\_ / \_\_ / \_\_                    \_\_\_\_\_

Comments: \_\_\_\_\_

Lead Investigator Advised:                    \_\_ / \_\_ / \_\_                    \_\_\_\_\_

**PLEASE COMPLETE PAYMENT DETAILS ON FINAL PAGE**

## PAYMENT DETAILS

To ensure prompt payment of successful applications please complete the following details and submit with your Application.

### PREFERRED PAYMENT METHOD

Electronic funds transfer (EFT)

### GRANT CONDITIONS

**In accordance with the application criteria, the following conditions must be met:**

- Funds are to be strictly exempt from organisational administration charges.
- You are required to submit one copy by email of the final report within 3 months of the completion of the project.
- You are required to acknowledge the EAAFP and the Small Grant Fund in any presentations, publications, reports or promotional material arising from this work. Please email [secretariat@eaaflyway.net](mailto:secretariat@eaaflyway.net) in order to obtain an electronic copy of EAAFP logo for use on any display material you will be preparing.
- You may be requested to write a brief article for the EAAFP newsletter.
- You are required to provide EAAFP with an electronic copy of your final report at the completion of your project, as well as a copy of any publications that result from your grant.