

**PUBLIC AWARENESS CAMPAIGN TO ENHANCE  
THE CONSERVATION OF MIGRATORY WATERBIRD AND THEIR  
HABITAT IN EASTERN BEACH OF NORTH SUMATRA,  
INDONESIA (IBA SID 7)**



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This final report was produced by Lailan Syahri Ramadhan for Rufford Small Grant (RSG) for Nature Conservation Under Contract No. 21.11.06

**Picture by : Lailan Syahri Ramadhan**  
**Description Picture: Waterbird in habitat**

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## EXECUTIVE SUMMARY



The project is located in the area of East Langkat wildlife conservation in the Regency of Langkat and Deli Serdang, North Sumatra province, Indonesia. It is located in the wetlands ecosystem type, and the status of wildlife conservation was acknowledged by the decree of the agriculture minister No.811/Kpts/Um/11/1980.

This region is all along the coast in North Sumatra, near the border of Aceh, Belawan to the east. This region include Suaka Margasatwa Karang Gading Langkat Timur Laut. Administrativly these pleaces are in the regency Langkat in North Sumatra province, and are in 3°28'N 99°16'E with 207, 625 ha, with wetlands habitat type.

From the latest Wibowo and Suyatno's important spesies of waterbird in 1998. *Limnodromus Semipalmatus*, *Numenius Madagascariensis* *Mycteria Cineria*, *Leptotilos Javanicus*, *Ardea Sumatrana*, *Threskiornis Melanocephalus* and *Larus Ridibundus*. This is the only the lilest sirvey data in 1998 while the nemest data of this hasn't been approved right about the destruction of land and the newest spesies of waterbird.

The pressures to the totality and the preserve of Suaka Margasatwa Karang Gading Langkat Timur Laut in North Sumatra province caused by; The development of infrastructure, The conversion of mangrove for fishery farming, The cutting of mangrove and The Industrial development.



# I. BACKGROUND

## I.1. BACKGROUND

This region is all along the coast in North Sumatra, near the border of Aceh, Belawan to the east. This region include Karang Kading Wildlife, estern langkat, Bagan Percut, Ular River, and Cermin Beach. Administrativly these pleaces are in the regency Langkat and Deli Serdang in North Sumatra province, and are in 3°28'N 99°16'E with 207, 625 ha, with wetlands habitat type.



From the latest Wibowo and Suyatno's important spesies of waterbird in 1998. *Limnodromus Semipalmatus*, *Numenius Madagascariensis* *Mycteria Cineria*, *Leptotilos Javanicus*, *Ardea Sumatrana*, *Threskiornis Melanocephalus* and *Larus Ridibundus*. This is the only the lilest sirvey data in 1998 while the nemes data of this hasn't been approved right about the destruction of land and the newest species of waterbird.

The in land problems of this region are bird hunting, infrastructure developing, mangrove converse of fish exploring, mangrove cutting down trees for industry development.



This project is performed in 5 location :

1. Karang Gading wildlife and Eastern Langkat
2. Bagan Percut
3. Bagan Serdang
4. Ular River
5. Cermin Beach

## I.2. OBJECTIVE PROJECT

1. Study conflict of caused the happening of destruction activity of migratory water bird habitat.
2. Push local government actively to stop the destruction of migratory water bird and opening the mangrove forest area.
3. Campaign to stop the destruction and secure mangrove forest area making public support in orbitation.



### I.3. OUTPUT PROJECT

1. Data conflict caused the destruction of mangrove forest ecosystem which one is important for the migratory water bird habitat.
2. Developing agreement with multi stakeholder increase to stop the destruction mangrove forest ecosystem which one is important for migratory water bird habitat.



3. Opening mind and make public opinion to do the conservation and stopping the destruction of mangrove forest ecosystem which one is important for the migratory water bird habitat.

### I.4. METHOD OF PROJECT

1. Community Organizing  
Community organizing is one of representing medium which have intention and target to strengthen society and studying conflict of happening destruction of mangrove forest ecosystem representing migratory water bird habitat.



2. Public Campaign  
Public campaign used to get public support in orbitation to do the conservation based on public activity.
3. Follow up plan agreement  
We will have follow up agreement with multi stakeholder workshop which have awareness with conservation of ecosystem.

### I.5. TIMETABLE PROJECT

No	Activity	Monts											
		04.07	05.07	06.07	07.07	08.07	09.07	10.07	11.07	12.07	01.08	02.08	03.08
1	Preparation of project												
2	Community Organizing												
3	Public Campaign												
	3.1. Sticker making												
	3.2. Poster Making												
	3.3. Factsheet												
	3.4. Village Discussion												
4	Workshop												
6	Nursery Mangrove												
7	Rehabilitation Mangrove Area												
5	Monitoring and Evaluation												

## 2. PROJECT ACTIVITY

### 2.1. COMMUNITY ORGANIZING

This is some form of the advance study of conflict with the purpose of developing the awareness and the strength of the local community. Therefore, it will the public opinion about the importance of the conservation of ecosystem region in Suaka Margasatwa Karang Gading Langkat Timur Laut.



### 2.2. PUBLIC CAMPAIGN



This is the way to organize public opinion in a wider achievement. So there will be understanding and movement to stop the fast of deforestation in the ecosystem area of Suaka Margasatwa Karang Gading Langkat Timur Laut. This public opinion is implemented through the following activities :

- Creating posters
- Creating stickers
- Factsheet

### 2.3. VILLAGE DISCUSSION

This activity that will be done to identify the specific conflict which is in progress and potency. In addition, the activity will be based on the participation of the local community so it will yield a concrete study



### 2.4. WORKSHOP



Holding a workshop to develop an agreement among the multi stakeholder

in conserving the migratory waterbird and habitat in Suaka Margasatwa Karang Gading Langkat Timur Laut.



## 2.5. NURSERY MANGROVE AND REHABILITATION MANGROVE



Seedlings grown in the nursery houses will be replanted in degraded areas. Planting will be undertaken by the local community members. The replanting areas will be designated in cooperation



with local communities and local government authorities, including the Natural Resource Conservation Agency and Ministry of Forestry. After the replanting stage is complete, the trees will be maintained continuously to prevent damage and reduce risk of disease.



The community will also be promoted to local communities in this stage. This stage requires the agreement of local communities and therefore the project will seek the potential development of forest areas belonging to indigenous groups. These forests are usually owned and protected by the communities themselves. The project will support the development of these community-based forests.

## 2.6. MONITORING AND EVALUATION PROJECT



The monitoring and evaluation of the Public awareness campaign to enhance the conservation of migratory waterbird and their habitat in eastern beach of North Sumatra, Indonesia (IBA SID 7) will be

facilitated through focus group discussions and semi-structured interviews and workshop with local communities. This methodology will allow the collection of quantitative and qualitative data on local people's perceptions and attitudes towards





the Public awareness campaign to enhance the conservation of migratory waterbird and their habitat in eastern beach of North Sumatra, Indonesia (IBA SID 7) issues depicted in project, as well as those most relevant to their own situation. These data will be used in the design and implementation of future locally-relevant outreach programmes.

### 3. BUDGET PROJECT

No	Component	Item	Jumlah / Item		Satuan (£)		Sub Total (£)		RSG		PALAPA		Grand Total (£)	
A	Preparation of project	1	1	pack	£	176	£	176	£		£	176		
Sub Total									£	-	£	176	£	176
B	Community Organizing													
	1. Transportation	2	120	day	£	3	£	706	£	706	£			
	2. Acomodation	2	120	day	£	6	£	988	£	900	£	88		
	3. Perdiem	2	120	day	£	4	£	565	£	565	£			
	4. Nursery Mangrove	1	1	pack	£	294	£	294	£	294	£			
	5. Rehabilitation Mangrove Area	1	1	pack	£	147	£	147	£	147	£			
Sub Total									£	2,612	£	412	£	2,700
C	Campaign													
	1. Sticker making	1	1,000	exs	£	0	£	118	£	100	£	18		
	2. Poster making	1	1,000	exs	£	0	£	353	£	353	£			
	3. Fact sheet	1	1,000	exs	£	0	£	229	£	229	£			
	4. Village Discusion	1	4	pack	£	88	£	235	£	235	£			
Sub Total									£	917	£	18	£	935
D	Workshop	1	1	pack	£	1,471	£	1,471	£	1,000	£	471		
Sub Total									£	1,000	£	471	£	1,471
E	Equipment													
	1. Camera	1	1	unit	£	294	£	294	£	471	£			
Sub Total									£	471	£	-	£	471
F	Monitoring and Evaluation Project	1	1	pack	£	118	£	118	£		£	118		
Sub total									£	-	£	118	£	118
Grand Total									£	5,000	£	1,700	£	5,871

## 4. ATTACH POSTER, STICKER AND FACTSHEET

### 4.1. POSTER



### 4.2. STICKER



### 4.3. FACTSHEET

**WAKTUNYA PERHATIAN KITA UNTUK SUKA MARGASATWA KARANG GADING DAN LANGKAT TIMUR LAUT**

Luhur Balekang  
Kawasan ini terletak pada daerah pesisir subbatok Ulu yang berbatasan Aceh, sebagian masuk ke Aceh Nisul. Daerah yang terancam di dalam kawasan ini adalah Suka Margasatwa Karang Gading dan Langkat Timur Laut dengan luas keseluruhan 237,525 Ha dengan Rehabilit Wetlands.

Daftar spesies penting burung air yang terdapat di Waduk dan Suka pada tahun 1993 antara lain: *Anas platyrhynchos*, *Numenius madagascariensis*, *Mycteria cinerea*, *Actitis hypoleucos*, *Ardeotis scottii*, *Threskiornis melanoleuca* dan spesies terancam punah *Recurvirostra amurensis*. Data terakhir yang dimiliki adalah hasil survey tahun 1993.

Tekanan Kawasan  
Tekanan yang dihadapi kawasan ini adalah perburuan burung, pembangunan sarana infrastruktur, konversi mangrove untuk budidaya perikanan dan pembangunan industri.

Upaya Yang Dilakukan

1. Pengorganisasian Masyarakat
2. Kampanye Publik
3. Workshop Multi Pihak
4. Pembibitan Mangrove
5. Rehabilitasi ekosistem Mangrove

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