

## The Rufford Small Grants Foundation

### Final Report

Congratulations on the completion of your project that was supported by The Rufford Small Grants Foundation.

We ask all grant recipients to complete a Final Report Form that helps us to gauge the success of our grant giving. The Final Report must be sent in **word format** and not PDF format or any other format. We understand that projects often do not follow the predicted course but knowledge of your experiences is valuable to us and others who may be undertaking similar work. Please be as honest as you can in answering the questions – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Please complete the form in English and be as clear and concise as you can. Please note that the information may be edited for clarity. We will ask for further information if required. If you have any other materials produced by the project, particularly a few relevant photographs, please send these to us separately.

Please submit your final report to [jane@rufford.org](mailto:jane@rufford.org).

Thank you for your help.

**Josh Cole, Grants Director**

#### Grant Recipient Details

<b>Your name</b>	Aadrean
<b>Project title</b>	Ecology and conservation of Otter in West Sumatra.
<b>RSG reference</b>	25.06.09
<b>Reporting period</b>	13 months
<b>Amount of grant</b>	£5447
<b>Your email address</b>	<a href="mailto:a2drean@gmail.com">a2drean@gmail.com</a>
<b>Date of this report</b>	February 15 <sup>th</sup> 2011

**1. Please indicate the level of achievement of the project's original objectives and include any relevant comments on factors affecting this.**

Objective	Not achieved	Partially achieved	Fully achieved	Comments
To investigate otter distribution in West Sumatra			v	We got existence data of otter in five wetland types. We have identified potential habitat to find otter species.
To identify their diet composition		v		Statistically, only some wetland types have enough faeces samples for analysing, because of the weather conditions in tropical area (rain may be everyday); faeces can only persist for approximately one night.
To assess major threats for otter			v	We got good data for this objective
To introduce the ecological function of otter in wetland to common people			v	Otter is unpopular animal for common people and students but for fish farmers is a pest. It is hard to make fish farmers understand why we should conserve otter. Luckily, students could be more understanding. Furthermore, there are many myths and wrong information about this animal. But we have introduced to people a mindset change of understanding wildlife's role in nature. We hope our poster and leaflet as one of the first otter conservation publications material in Indonesia will give great contribution to otter and wetland conservation.

**2. Please explain any unforeseen difficulties that arose during the project and how these were tackled (if relevant).**

We used standard methods for otter that were developed for Europe countries. In application, there are several difficulties and problems because of weather with unpredictable wetland body. This aspect should be considered in future.

**3. Briefly describe the three most important outcomes of your project.**

Three most important outcomes of this project:

1. We have identified distribution of otter. These data are valuable for next otter research and could be basic aspects for decision maker, government and conservation institutions.
2. Our poster and leaflet are most important material for otter conservation in Indonesia.
3. We have made good link to institutions and organizations. Conservation Board - we shared informations and campaign how otter is being threatened now. IUCN Otter Specialist Group - data sharing. Cikananga Animal Rescue and Rehabilitation Centre - they rescue small-clawed otter and are improving their pen based on standard by Otter Captivity Task. Andalas Wildlife Study Club - we have same activity region. Wetland International Indonesian Programme - we hope our data will support otter habitat conservation.

**4. Briefly describe the involvement of local communities and how they have benefitted from the project (if relevant).**

We could not state this project was having a direct benefit for local communities. But we hope this project have valuable benefit in the future as considerable aspect for sustainable wetland development.

**5. Are there any plans to continue this work?**

This project got only basic data. We have identified potential locations, conflict and threats for otter. Next we need to do monitoring of population, conflict mitigation and habitat improvement.

**6. How do you plan to share the results of your work with others?**

We have good contact with IUCN OSG, and progress of this project have been sent to Asia coordinator of IUCN OSG, and will be useful in next otter colloquium from 30th August - 4th September 2011 in Italy, as valuable data to compile Otter Action Plan of the world, region and country.

The Indonesian members of IUCN OSG (Ruth Davidson and I) have support from IUCN OSG and IOSF to build a new otter network, Supportive Environment for Region Otter (SERO); these project data are shared with this network.

We are also preparing three topics for publication: Distribution and conservation aspect of otter in West Sumatra, Feeding ecology of otter, and Otter in social aspect of West Sumatran people, as well as some popular articles. The paper and articles will be published in journals, bulletins, blogs and other media.

**7. Timescale: Over what period was the RSG used? How does this compare to the anticipated or actual length of the project?**

We planned 13 months for this project. But all of project activity started 2 months late because of Padang Earthquake on September 30th 2009. The earthquake made it hard to collect the team and find equipment. People still have more sensitivity. The final report was late 1 month as accumulative delayed of survey because of unfriendly weather, religious holidays and other unpredictable disturbances.

**8. Budget: Please provide a breakdown of budgeted versus actual expenditure and the reasons for any differences. All figures should be in £ sterling, indicating the local exchange rate used.**

Exchange rate 1 GBP = 15,000 IDR

item	Budgeted Amount	Actual amount	Difference	Comments
Preliminary survey accommodation	£125.00	£125.00	£0.00	
Training of team member	£62.50	£62.50	£0.00	
Administration cost				
Permit processing to Conservation Board	£50.00	£36.00	£14.00	We have good cooperation with Conservation board (BKSDA)
Proposal presentation in Conservation Board	£12.50	£12.50	£0.00	
Map duplication	£10.00	£10.00	£0.00	
Permit processing to local community	£31.25	£31.25	£0.00	
Phone and internet bill	£12.50	£12.50	£0.00	
Stationery	£7.50	£7.50	£0.00	
Data sheet for whole project	£11.25	£11.25	£0.00	
Material for survey and direct observation				
Digital camera	£237.50	£245.17	-£7.67	difference price
Extra 2GB memory card	£10.00	£10.00	£0.00	
GPS	£218.75	£203.33	£15.42	difference price
2 carrier bags	£50.00	£50.00	£0.00	
Head lamps	£50.00	£50.00	£0.00	
Batteries	£100.00	£100.00	£0.00	
Plaster cast	£11.40	£11.40	£0.00	
100m measurement tape	£8.75	£6.67	£2.08	difference price

packaging plastic	£3.12	£3.12	£0.00	
Dry box	£12.50	£12.50	£0.00	
Renting tent	£112.40	£112.40	£0.00	
plastic sheet	£5.00	£5.00	£0.00	
other	£0.00	£3.93	-£3.93	Other materials are not listed before
Material for scat analysis				
Petri dishes	£12.50	£12.50	£0.00	
sieves	£2.00	£2.00	£0.00	
pincers	£1.24	£1.24	£0.00	
small brush	£0.60	£0.60	£0.00	
small packaging plastic	£3.12	£3.12	£0.00	
small fish scoops	£2.50	£2.50	£0.00	
fish traps	£12.50	£12.50	£0.00	
ethanol	£8.00	£8.67	-£0.67	difference price
Interview				
tape recorder	£15.00	£56.99	-£41.99	Underestimated of voice recorder price
3 cassettes	£3.75	£0.00	£3.75	digital voice recorder, no need cassettes
Batteries	£5.00	£5.00	£0.00	
Data translation processing	£15.00	£15.00	£0.00	
Socialization and public awareness about otter ecology				
Presentation	£62.50	£62.50	£0.00	
Leaflets printing	£187.50	£187.50	£0.00	
Posters printing	£375.00	£375.00	£0.00	
Leaflet dissemination	£50.00	£50.00	£0.00	
Food	£1,686.00	£1,670.91	£15.09	saved fund
rent car	£936.00	£837.80	£98.20	saved fund
gasoline	£162.00	£155.10	£6.90	saved fund
Guide cost	£174.80	£174.80	£0.00	
Scat analysing processing cost	£187.50	£187.50	£0.00	
GIS processing cost	£150.00	£150.00	£0.00	
Medical/Health and safety	£90.00	£90.00	£0.00	
Data analysis, drafting, printing and duplicating	£112.00	£112.00	£0.00	
Report dissemination	£50.00	£50.00	£0.00	
<b>Total</b>	<b>£5,446.43</b>	<b>£5,345.25</b>	<b>£101.18</b>	

We saved fund £101.18 and we have equipment (GPS, camera, headlamps etc.) in good to moderate condition. These could be valuable assets for next otter project.

**9. Looking ahead, what do you feel are the important next steps?**

Next step is data sharing of otter existence, promoting otter as flagship species of wetland by spreading all information about otter and with intensive and continuously conservation campaigns, and continue data completion with monitoring programme.

**10. Did you use the RSGF logo in any materials produced in relation to this project? Did the RSGF receive any publicity during the course of your work?**

We used the RSGF logo in presentations (conservation board, university, school, etc.), posters and leaflets. We also wrote articles about otter and conservation campaign of species and habitat. The articles are published at blog <http://aadrean.wordpress.com/category/seputar-berang-berang/>. All articles are have RSGF logo as sponsor and link to RSGF website.

**11. Any other comments?**

This is first experience for me become a project leader. I have learned more in this project. This grant improved my capability. Thank you very much.