

## 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>My Name</b>	Nguyen Thi Thanh Thuy
<b>Project Title</b>	<b>Restoration of Mangrove Forest and Improving the Awareness of The Local Communities on The Protection of Mangrove Ecosystems</b>
<b>Rsg References</b>	1. Dr. Bui Hong Long; Director, Institute of Oceanography, 01 Cau Da, Nha Trang Vietnam. Email: Bhlong@Dng.Vnn.Vn 2. Dr. Mike Akester, The Progamme Planning Advisor and Advisor for Stofa li, Mofi, Vietnam; Email. <a href="mailto:Michaelakester@Gmail.Com">Michaelakester@Gmail.Com</a> 3. Dr. Glenn A Bristow. University of Bergen; Department of Biology Adr: N-5007; Allegaten 14; Bergen; Norway; Email: Glenn.Bristow@Bio.Uib.No
<b>Reporting Period</b>	Final Report (June 2006 – June 2007)
<b>Amount of Grant</b>	£500
<b>Your Email Address</b>	Thuyduongio@Yahoo.Com.Vn
<b>Date of This Report</b>	7 October, 2008

**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 replant 10 ha of mangrove in the destroyed areas unusable for other purposes		x		There was only 5 ha area available for replanting new mangroves. Besides, the private's areas were supplied mangroves.
To improve awareness of the local communities on protection, sustainable use and long-term benefits under the 'code of conduct for responsible mangrove management'		x		The awareness on mangroves ecosystem of local communities was limited as low living and intellectual standards.

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

The objective of the project was to replant 10 ha of mangrove in the destroyed areas unusable for other purposes. However, according to 2020 planning of Van ninh District and the survey's results, there was not enough 10 ha for replanting new mangroves in Van Ninh. In fact, after discussing with the local authority, there was only 5ha was available and officially designed by Van Ninh Economic Department for replanting mangroves as almost the mangrove destroyed area-built shrimp ponds belonging to the private farmers. Therefore, the private's areas were selected for supplementing mangroves.

During the project period, the survival of the mangroves was rather high (70 -95, 68%). However, after the project ended, the survival of mangroves declined quickly, especially after the rains in November 2007 (20-30%). This could be explained that the mangrove propagules originated from outside (Can Gio District, Ho Chi Minh City) was not well adapted with the local weather and geographical condition compared to the local mangroves. Therefore, during the rains, the new replanted mangroves were affected by strong flood. On the other hand, there was no local budget for managing the area when the project finished resulting in the area affected by fishing boats and human activities.

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

- There was 5ha of new mangrove replanted and about 5ha of mangrove supplemented at the private areas in Tuan Le Villages, Van Ninh District.
- The awareness on benefit of mangrove ecosystems of the local communities was improved
- The local shrimp farmers who participated the project's activities will be key persons who share good experiences to others.

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

- The meetings among the local communities were organized by the local authorities and working teams to inform purposes of the projects. The local communities was explained in simple way about benefits of mangroves ecosystem and how to protect the ecosystems.
- The local communities was trained techniques of mangrove restoration and management
- The local shrimp farmers will have directly benefit in terms of environmental improvement after mangrove restoration

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

To extend the model of community-based mangrove restoration focusing on fallow shrimp-farming ponds belonging to local shrimp farmers to utilize the areas for extension shrimp culture in mangrove forest.

The local mangrove propagules will be collected and utilized as much as possible instead of mangrove propagules from outside as the local propagules would have high resistance to the local natural condition.

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

There are many local shrimp farmers having follow shrimp ponds. The results of the volunteers in the project would be good experiences for other local farmers to share.

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

12 months, it was reasonable period for the project.

**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.**

Item	Budgeted Amount	Actual Amount	Difference	Comments
Selecting area for replanting	206.90	250	-43.00	
Collecting propagules /seeds for replanting	2,531.04	1,900	+631.04	A part of propagules supplied by local communities
Replanting	689.66	900	-210.34	No money from local authorities
Monitoring & management	917.23	1,100	-182.77	No money from local authorities
Improving awareness of local communities	541.38	700	-158.62	

Summing up and final report	79.31	150	-70.69	
TOTAL	4,965.52	5,000		<b>(1£:29000 VND)</b>

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

Encouraging and supporting the local shrimp farmers to replant mangroves in their fallow shrimp ponds and to utilize the areas for extension aqua culture (may be shrimp or any other species)

**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?**

Yes, the panels with RSGF logo were fixed at the project sites in Tuan Le, Van Tho, Van Ninh, Khanh Hoa. The result of the project was presented in the National Symposium “*Mangrove restoration for climate change adaptation and sustainable development*” in Can Gio, Ho Chi Minh City (26-27/11/2007) organized by Mangrove Ecosystem Research Centre (MERC); ACTMANG and IUCN. (It is said that the paper has been being published in English at the end of this year)