

## 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>	Somjit Pongpasoed
<b>Project title</b>	Mangrove Rehabilitation and Regeneration for Biodiversity Ranong Province, Thailand
<b>RSG reference</b>	
<b>Reporting period</b>	January 2010-December 2010
<b>Amount of grant</b>	£6,000
<b>Your email address</b>	<a href="mailto:pphatthadhol@gmail.com">pphatthadhol@gmail.com</a>
<b>Date of this report</b>	April 20, 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
Identify and create a database of mangrove and associated species within the study site.			Yes	
Plan and create a walkway inside the nursery area for the visitors to easy access.			Yes	
Collect and propagate approximately 200 specimens of 20 mangrove associated species. The group will collect seeds, raise, replant and later monitor seedlings in the degraded areas buffering the national park to increase biodiversity.			Yes	
Plant, directly, an ecologically appropriate diversity of mangroves to rehabilitate a specific degraded area.			Yes	
Map changes in the species within this community mangrove forest to monitor changes in the habitat's biodiversity			Yes	
Conduct professional development with Laem Son National Park, department of Marine Coastal Resources and Kasetsart University Coastal Marine Resource Research Station.			Yes	

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

The replanting or planting what is the suitable mangrove species, people lack of knowledge and understanding about the species and the ecosystem, so the planting can be difficult.

PR campaigns and publishing documents of the project can be done continuously.

Setting knowledge base in transforming mangrove forest products could help the community to understand more and we will apply this concept in the third year project.

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

1. The number of mangrove forest areas in the targeted community is increasing through replanting mangrove species that are proper to the ecosystem, creating an increase in biodiversity along the coast, resulting in an increased number of aquatic species.
2. To instil in the community the value of mangrove forest conservation and provide them with the knowledge in the benefits of mangrove rehabilitation and regeneration for biodiversity
3. A living laboratory to share and learn as well as disseminating knowledge on mangrove best practices to coastal communities in Andaman Coast, Thailand.

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

Set up the standard of coastal community enhancing the awareness that leads to the responsibility of healthy mangrove ecosystem.

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

Yes.

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

1. Arrange the study tour at the Learning Centre and the Living Laboratory.
2. on our website [www.kclc.or.th](http://www.kclc.or.th)
3. on our weblog <http://mangrover1.multiply.com>

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

January-December 2010.

We need to continue this project as we have already set a standard of how to replant the right mangrove species in the degradation area and the Living Laboratory. We will keep up the good work with the third-year 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
1. Nursery supplies budget	£925.93	£925.93		
2. Monthly staff times	£2,666.64	£2,666.64		
3. Outreach programme cost	£2,407.60	£2,407.60		
<b>Total</b>	£6,000	£6,000		

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

1. We aim to transform mangrove forest products from some species to be consumable and edible. This new project will create products such as “Mangrove Tea” for healthy drinking, “Sea Scent” or the mosquito repellent, “Palm Bag” to use for plastic shopping bag, “Roti” a kind of Indian food made of flour and also other variety of Thai desserts.

2. The next step will be developing the involvement in wide range of integration with abstract notion of idea and determination. To promote working with all social sectors such as local authorities, region organisers, politicians, community leaders, students, parents, school’s administrators, youth, volunteers, livelihoods groups, local wisdom, expertise, academic, researchers, education

institutions, villagers, disabled people, women groups, community networks, and project supporters. They are connected with our innovative project.

**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, we do at our learning centre, at the nursery and in our website and weblog.

**11. Any other comments?**

Even this is a small project, it creates a lot of outcomes i.e.

- Villagers, youth and community leaders together with other sectors understand the benefits of mangrove forest and learn about the rehabilitation for the local mangrove species for the benefit of biodiversity by cultivating and selecting the appropriate species to grow and help the ecosystem of the area.
- The number of mangrove species other than *Rhizophora* is increasing in the area.
- The diversity of food chain in the rehabilitated area is richer.