

## The Rufford Small Grants Foundation Final Report

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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. 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. 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**

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<b>Grant Recipient Details</b>	
<b>Full name</b>	Pham Huu Tri
<b>Project title</b>	Restoration the marine animal resources in seagrass meadows at Cam Hai Dong, Cam Ranh Bay, Khanh Hoa Province, central Vietnam.
<b>RSG reference</b>	03.07.08
<b>Reporting period</b>	January 2009 – December 2009
<b>Amount of grant</b>	£6,000
<b>My email address</b>	<a href="mailto:seaweed.tri@gmail.com">seaweed.tri@gmail.com</a>
<b>Date of this report</b>	31 December 2009

**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
<b>Global objective:</b>				
<p>To restore the marine animals which living in the seagrass beds in order to increase the biological resources as well as the biodiversity in rehabilitated seagrass area.</p> <p>To train and transfer to the local community the skills in culturing the seaweeds and other marine animals (bivalves, molluscs) in the buffer zone of seagrass areas.</p> <p>To help the local communities having stably the means of livelihoods, bring knowledge to the people of the village about the biological resources in the seagrass meadows where they are living and built their capacity to conserve the natural resources.</p>			x	The local communities participated in the project's activities and understand benefits of restoration the marine animals in the seagrass beds.
<b>Specific objectives</b>				
Replanted 5 ha of seagrasses; the seagrass restoration will increase the biodiversity values (larvae and juveniles of marine life will be recolonised in the seagrass beds).			X	The survival of seagrasses ranged from 80 -90%.
Seaweeds, seahorses, holothurians, bivalves, molluscs were cultured and conserved by a sustainable management strategy that allows these animals to reproduce in the rehabilitated seagrass areas without being exploited before reproduction.			X	
The project assisted local community to understand the resources on which they live. Culturing seaweeds, seahorses, holothurians, molluscs, bivalves brought in added revenue and the capacity of the people will be enhanced by these added skills.			X	

Economically, the people should be better off and certainly in the long-term they will benefit by sustainable use of their seagrass resources.			X	
This project is to set a benchmark for other villages along the coastal waters Vietnam to follow on conservation of seagrass meadows by management practises that allow for maintaining biodiversity.			X	
Improving awareness of the local communities through project's activities. Promoting the purpose of Rufford Small Grants.			X	The local people are trying to avoid damaging the new seagrass beds.

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

In the first step of the project it was difficult to persuade the local farmers to stop catching the marine animals in the seagrass beds because that is their means of living, but together with the local government we showed them the benefits of the protection the marine resources in the seagrass beds and then they agreed with us to conserve the marine animal resources, in the next step through the training workshops they cultured the seaweeds and marine animals. The results of these activities were very good. Local farmers received the benefits from their cultivation, especially the seaweeds and the green mussel.

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

- Seaweeds, seahorses, holothurians, bivalves, molluscs were cultured and conserved by a sustainable management strategy that allows these animals to reproduce in the rehabilitated seagrass areas without being exploited before reproduction.
- Economically, the people should be better off and certainly in the long-term they will benefit by sustainable use of their seagrass resources.
- The success of the project improved awareness of the local authorities and communities and promoted Rufford Small Grant in term of seagrass restoration and this project is to set a benchmark for other villages along the coastal waters of Vietnam to follow on conservation of seagrass meadows by management practices that allow for maintaining biodiversity.

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

The livelihood of the local communities relies mainly on exploitation of marine animal resources in seagrass beds. In the long-term if they well protect the resources in the seagrass beds, this area will be a good habitat for aquatic species and benthos development. Apart from that the marine cultivation in the buffer zone of seagrass beds will give them the benefits from these activities.

Local communities participated in planting the seagrasses and culturing the seaweeds and marine animals, they themselves protected the rehabilitated seagrass areas such as to stop catching the marine resources in seagrass beds.

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

To continue to open training workshops to transfer the skills of cultivation the seaweeds and marine animals to the local communities and to improve the awareness on protection and conservation the natural environmental resources.

To extend the model of restoration the seagrass beds and its animals' resources to other locals along the coastal waters of Khanh Hoa Province.

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

The model of restoration the seagrass beds and its animal resources at Cam Hai Dong village were spread to the adjacent villages by the local community.

The results of the project have been posted in the workshop of technology and science for sustainable development in Cam Hai Dong, Cam Ranh Bay

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

The project lasted 12 months as the plan of proposal.

### 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.

Items of expenditure	Budgeted Amount (GBP)	Actual Amount (GBP)	Difference	Comments
1. Fieldwork	1080	1080	0	Approximately estimated.
2. Researchers	600	600	0	Approximately estimated.
3. Travel (motorbikes)	360	460	-100	The cost of fuel increased.
4. Materials for mariculture	1500	1700	-200	The cost of materials increased so more funds requested.
5. Cost for field work	400	400	0	Approximately estimated.
6. Equipment for field work and laboratory	500	500	0	Approximately estimated.
7. Wage for local labours	540	560	- 20	Approximately estimated.
8. Training/Meetings	800	700	+ 100	Approximately estimated.
9. Print, photocopy	120	100	+ 20	Approximately estimated.
Total budget	6,000	6,200	- 200	* 1 £ sterling = 30.000VND

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

- To educate the local communities to protect and replanted seagrass areas and its natural animal resources.
- To continue replanting seagrasses in other locals along the coastal waters of Khanh Hoa province.

**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 RSGF logo was used at the project site.