

## The Rufford Foundation

### Final Report

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Congratulations on the completion of your project that was supported by The Rufford 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**

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Grant Recipient Details	
Your name	Fachruddin Mangunjaya
Project title	Developing of Ex situ-Biodiversity Project and Ecosystem Services Education for Islamic Boarding School in West Java, Indonesia.
RSG reference	12912-B
Reporting period	May 2013- June 2014
Amount of grant	£11,929
Your email address	fmangunjaya@civitas.unas.ac.id
Date of this report	June 2014

**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
1. Capacity building - of local institutions to manage and conserve forests and their ecosystem services through a locally produced governance framework.				
1.1. Training 20 local teachers and senior students about Indonesia biodiversity and best practice in maintain biodiversity for local in forest and biodiversity.		XX		The facility of training also was conducted in collaboration with LIPI for sending three senior students from Daarul Ulum LIDO.
1.2. Provide two times, 2-3 days series training and practice in knowledge of conservation and best practice sustainable use of biodiversity and how to set up small arboriculture models in the schools to enabling the learning area for the student and other communities at the vicinity of the school			XXX	<p>The training conducted separately on two related topics:</p> <ul style="list-style-type: none"> <li>• Biodiversity and medicinal plant, conducted on 12th September 2013</li> <li>• biodiversity and wastes management conducted from 10th-11th May 2014</li> <li>• the activities pictures uploads here: <a href="http://www.ekopesantren.com/?page_id=325">http://www.ekopesantren.com/?page_id=325</a></li> </ul>
2. Design a modelling of Pesantren Biodiversity ex-situ Botanical Park at Pesantren Modern Darul Ulum Lido				
2.1. Develop a master professional design for 1.8 ha harim zone of Daarul Ulum Lido as pilot project for in situ biodiversity conservation.			XXX	The desingn or master plan of Harim Zone Biodiversity Park have been successfully designed and posted at: <a href="http://www.ekopesantren.com/?p=236">http://www.ekopesantren.com/?p=236</a>
2.2. Select and grow species of flora that have biodiversity values and practical use for the communities: such as medicinal plants, flower that may enrich butterflies and pollinator insect.		XXX		The species was not completed as proposed to be grown due to waiting for the implementation of the park physical development in accordance to the design.
3. Develop website and hosting eco-pesantren website. <a href="http://www.ekopesantren.com">www.ekopesantren.com</a> as a base of shared learning for eco-pesantren (environmentally friendly Islamic Boarding School).				

3.1. Develop hosting of the website that will be set for a long term base of the shared learning and vision of how to greening the Islamic School with potential visit by 21.000 Islamic school boarding school in Indonesia and more than 4 million students and educators around the country.			XXX	The website have been set at <a href="http://www.ekopesantren.com">www.ekopesantren.com</a> the domain have been secured to be alive for a 5-year period.
3.2. Develop website content base on the previous project: <i>Introducing the Islamic Hima and Harim System as a New Approach to Nature Conservation in Indonesia Phase I &amp; II.</i>		XXX		Web content for the website needs to proceed and be maintained. We will input the material gradually online with the roadmap of using this website as shared learning to greening the pesantren.

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

We expected other funding that could support the physical construction of the Harim Zone as Biodiversity Park that will cost 200% much more larger than the proposed grant we accepted from RSG, but then we did not successfully gain the funding. So we postponed the physical construction. We will continue this project in the next fiscal year with an approach to the Balai Lingkungan Hidup (BLH) Regency of Bogor which is willing to support this project. The facilitation and negotiation in supporting this work still on going and the expose to the Regency Secretary regarding the plan will be conducted in early July 2014.

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

1. The design of the Harim Zone as biodiversity park (see <http://www.ekopesantren.com/?p=236>) is one of the important results since this is the first of its kind as a role model in other Islamic Boarding school. The design will be the best tool to convince further investment in helping the establishment of the biodiversity park. The design will be a model for the Islamic Boarding School which willing to establish similar method in increasing awareness and understanding to biodiversity.
2. The website [www.ekopesantren.com](http://www.ekopesantren.com) as shared learning window of the project has been established. But the content of this website needs to be maintained for more informative and better view, we will be maintaining the web continually as the hosting and domain have been available up to 5 years.
3. This project has been a complementary as part of another project with Islamic approach such as the Faith and Wildlife Program which UNAS has been work closely with Alliance of Religion and Conservation (ARC) on their Forest and Wildlife Program: <http://www.arcworld.org/projects.asp?projectID=578>. As part of the Faith and Conservation movement, UNAS has also successfully to facilitate the Islamic Council of Ulama (MUI) to release Fatwa (Edict) on Endangered Wildlife Protection for the Balance of the Ecosystem (see: <http://www.arcworld.org/projects.asp?projectID=65>). We will continue to

disseminate the fatwa in partnership with other NGOs, such as WWF and Flora and Fauna International.

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

This project is becoming a show window of how an Islamic boarding school can contribute to increase biodiversity awareness through Islamic teaching and their school programme. The school has been frequently used by several local as well as ministry of forestry to launch their programme on conservation, such as planting tree programme and attract other Islamic Boarding Schools to learn of how the school can run their conservation and education activities in school.

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

We will continue to work with faith (Muslim) community in Indonesia in a wide aspect of increasing awareness, because this scheme will also help Indonesia in achieving global Aichi Target Goal A No 1, "that in 2020 that at the latest people aware of the value of biodiversity and the step they can take to conserve and use it sustainably". This project approach could be an alternate channel to increase biodiversity awareness in Indonesia society.

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

The work with Faith (Muslim) also attracted other international NGOs to involve with this approach, we started to collaborate with WWF Indonesia, Flora and Fauna International, the TigerForum and other related organisation in targeted Muslim awareness for conservation of biodiversity, not only on this area but also in the part of where protected wildlife are prone and threatened at their habitat, such as in Sumatra and Kalimantan. Fachruddin were invited to some international Forum to share experience such as:

- Participant of Traditions for the Future: Culture, Faith and Values for a Sustainable Planet in Ise, Japan, May 31<sup>st</sup> – June 5<sup>th</sup> 2014. Interfaith symposium by Jinja Honcho and Alliance of Religion and Conservation (ARC). <http://www.arcworld.org/projects.asp?projectID=638>
- Keynote Speaker. The role and agenda of faith community in frame of sustainable development (Peran dan Agenda Komunitas Agama Dalam Kerangka Pembangunan Berkelanjutan) Presented in Public Dialogue for the Sustainable Development Beyond 2015", by Ministry of Planning (PPN)/BAPPENAS. 03 January 2014.
- Presenter. Rufford Small Grant for Nature Conference, Indonesia 2014, 24th-26th January 2014 Sabang Banda Aceh. [http://www.rufford.org/grant\\_recipients\\_conference\\_indonesia\\_2014](http://www.rufford.org/grant_recipients_conference_indonesia_2014)
- Keynote Speaker : Religious curriculum in Nature Awareness: Indonesian Experience. Expert Panel on "Islamic Community in Nature Education"" 2nd July, 2013. Institute of Islamic Understanding (IKIM), Kuala Lumpur Malaysia. <http://www.ikim.gov.my/index.php/ms/buletin/8711-muzakarah-pakar-pendidikan-dan-kesedaran-alam-sekitar-penglibatan-komuniti-islam>

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

This project needs a multi-year approach with at least a 3-year working programme as the process of mediation and convincing the community as well the local government in their contribution and involvement. Its plan that the local government will participate to contribute in establishing the park infrastructure using the government grant, but it needs at least a year's process.

**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
Capacity building - of local institutions to manage and conserve forests and their ecosystem services through a locally produced governance framework.	3.643	3.571	72	
Design a modelling of Pesantren Biodiversity ex-situ Botanical Park at Pesantren Modern Darul Ulum Lido	3.857	4.857	(1000)	The spending increased due to cost for the professionals to enable the establishment of the park including to convince related stakeholders and related institutions.
Develop website and hosting eco-pesantren website. <a href="http://www.ekopesantren.com">www.ekopesantren.com</a> as a base of shared learning for eco-pesantren (environmentally friendly Islamic Boarding school).	4.429	3.429		We still will have to spend the budget in several months for maintaining and to improve the contents.
<b>Total</b>	<b>11.929</b>	<b>11.857</b>	<b>72</b>	

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

We will plan to increase the programme up to the national level with the involvement of Islamic Boarding School in Sumatra. Through a parallel programme that we conducted with Faith and Wildlife Program of ARC we are continuing to show that Islamic approach to biological diversity is one potential approach need to be consider in the Muslim area in Indonesia.

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

Yes, the logo appear in the brochure <http://www.ekopesantren.com/?p=249> as well as in at the website.

**11. Any other comments?**

This project will going as multy years approach, so we will not stop by the project closing but continuing the work until the schools and the community capable and could sustainably carried out their own understanding to biodiversity conservation and awareness.