

# **Introducing the Islamic Hima and Harim System as a New Approach to Nature Conservation in Indonesia Phase II**

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**Yayasan Penyelamatan dan Rehabilitasi Owa Jawa**

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## Narative Report RSG

### Introducing the Islamic Hima and Harim System as a New Approach to Nature Conservation in Indonesia Phase II

#### **Foreword**

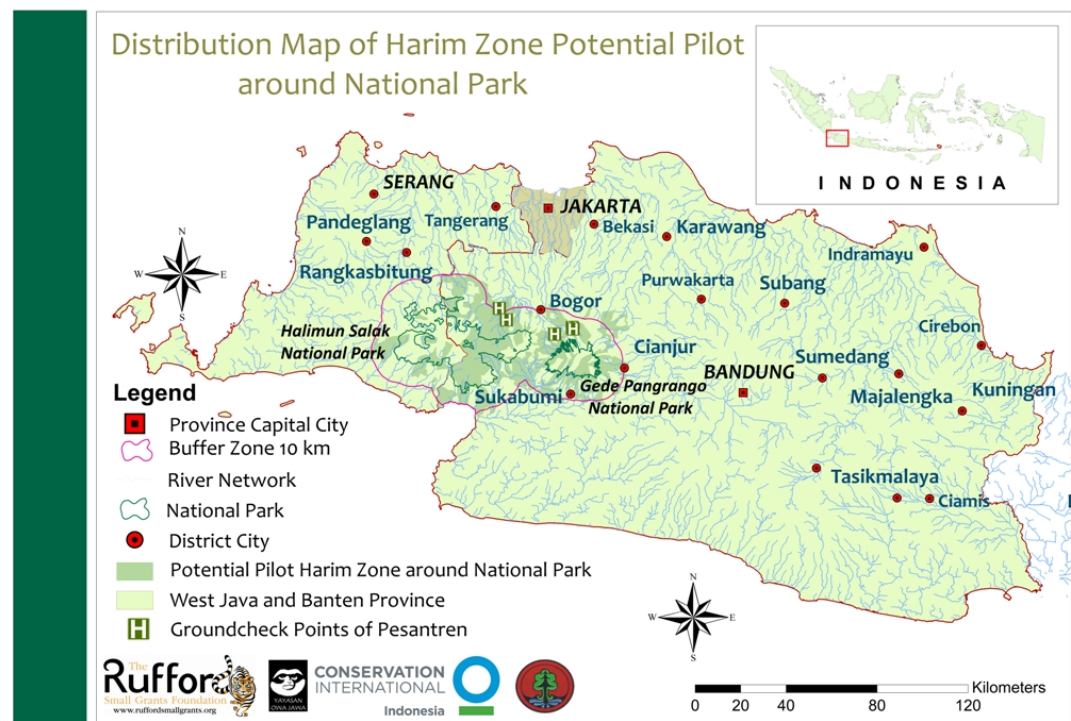
Our challenge to get harmoniously living with nature is more complex along to the growing need of the natural resources base consumption that over exploited without deep understanding to the future benefit of the nature that influence to human survival as well as other living creatures. Religions have been long time aware to their mission of 'caring for the earth, it also have some wise tradition and wisdom of how to care the nature as well as mother earth in accordance to their religious believe. But, as many religions of the world follows modernization and un aware if their religious teaching, the religious wisdom of how to carry the nature resource has forgotten.

Hence, I would like to thanks for RSG for the second chance to running the project. As I can assume that the project entitled "Introducing the Islamic Hima and Harim System as a New Approach to Nature Conservation in Indonesia," that trying to revitalize the Muslim tradition conservation is a new from an old traditional approach' in order to participate to the conservation development. As a new approach, of course, this is not an easy way to carry out. As the project is called "a new initiative" in trying out to revive a positive values of Islamic teaching in conservation of natural resources, fresh water and maintaining ecosystem services, a challenge and innovations also should be invented.

The hima system, which is will be based on the natural areas and forest cover, is generally impossible to implement at the grass root level in Java, as we can understand that the implementation but the RSG has been help with introduction to the Islamic teaching which is a new in the But in some way the *harim* (violation zone). This report is trying to details the progress of the project in accordance to the project plan (**table 2**).

### Out Put 1. Mapping and Project Scooping for Potentioan other harim zone.

The project hired professional expert on Geographical Information System (GIS) in order to determine the potential area spot for remained forest vegetation around 10km at the surrounding of the national park buffer zone (border area) of Gunung Gede Pangrango and Gunung Halimun Salak National Park. The mapping is including of: 1). forest coverage outside the national park up to 10 km from the border of the park and 2). The rivers and river flows out of 10 km around the two national park. 3) Determine potential Islamic boarding schools that can be approached and included for conservation activities.



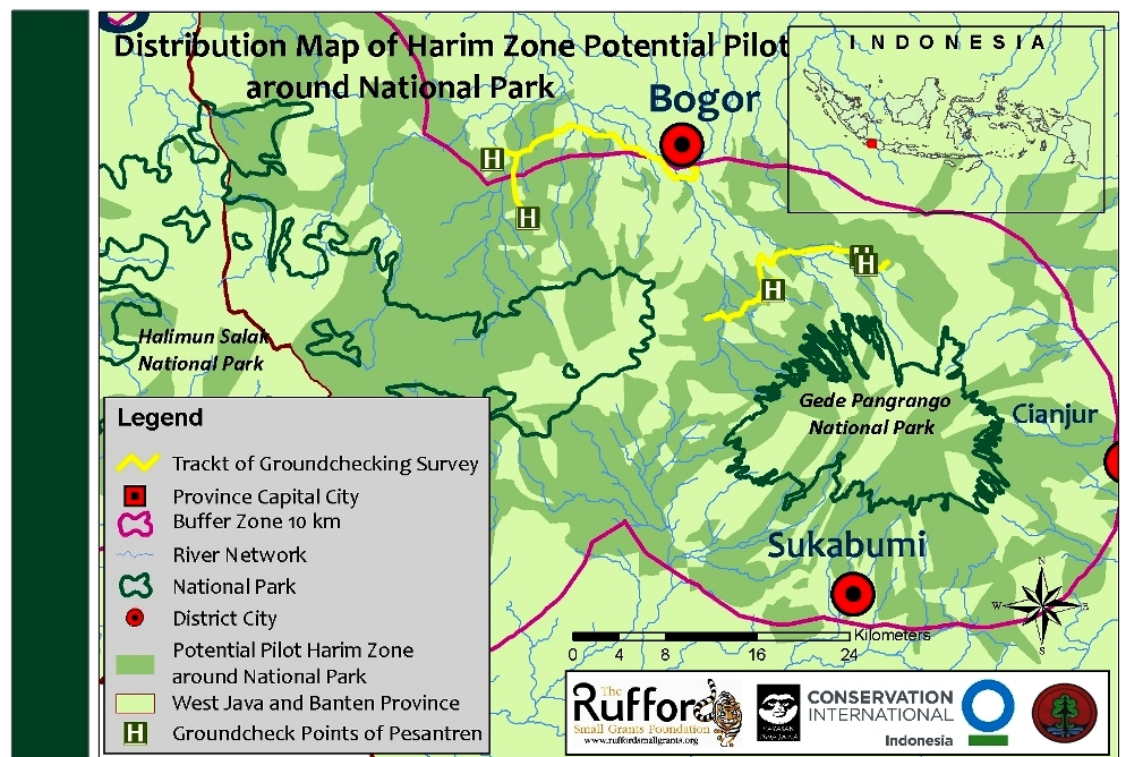
**Figure 1.** Distribution of rivers in the West Java and the potential Islamic Boarding Schools (Pesantrens) partner in paying attention to the river system trough harim zone system around the two national parks.

By tracking the list of the boarding schools as it connected to the address of remote villages, then the GIS map over-laid to the position of villages where the Islamic Boarding School (Pesantren) present. According to the map, there are found about 29 Islamic boarding schools at the existing area (see list attached in table 1). The map could potentially to figure out the school that would be a

target for conservation awareness as well as leading the ladders in keeping the natural ecosystem, sustainable use of natural resources, re-vegetation of the up streams, paying attention to the river banks for their cleanness and stimulating awareness to the surrounding area.

The survey conducted between July to November 2010, with the result showing the high resolution map that will help the workshop participant (activities of Part 3 and 1) will understand the propose of the project (Fig 1 & Fig 2).

The map will be displayed as an awareness tools for whom would like to understand the ecosystem services and the important of integrating their daily life to care the natural areas. A shared template of the high resolution map will be posted free on official website as well as link form the Yayasan Owa Jawa website ([www.yayasanowajawa.or.id](http://www.yayasanowajawa.or.id)) as a share place attracting to whom would like to adopt the pilot projects in their area.



**Figure 2.** The potential rivers streams and the school surveyed (mark with H) up to 10 km from the parks borders.

According to the plan, the map also will be posted in high resolution format that can be found freely through a share learning tool that will be established at a further step of the project. At the further plan, the map also can be used interactively with using 'google earth' as education tools to the student of Islamic boarding schools in Indonesia, to make them easy to understand about the importance of carrying out natural habitat in order to protect water and ecosystem services.

## **Output 2 – Introduction to the best practice of sustainable use of natural resources**

The selection of some prospective and potential partners of boarding schools that conducted thorough mapping surveys to follow up the following mapping and project scoping potential other *harim* zone (activities part 2). Then selected participant invited to the event of the best practice of sustainable use of natural resources. The training has been conducted in December 12, 2010. The training participated by 20 participants from 10 Islamic boarding schools (pesantrens) and community at the vicinity of the Gunung Gede Pangrango and Halimun Salak National Park. (Figure 3 & 4)

The participants of the training were coming from the determined areas that may potentially receive the idea of sustainable use of the natural resources. Bee is a sensitive and as well as productive animals that may consume the pollen from non pesticides polluted plants. The support of keeping the bees alive the community must be carried out organic plant and aware of the sustainable of non chemical environment for protecting the lives of their bees.

The participants trained with the best practice of how to manage 'bee colony' as well as each of them was granted with bee (*Aphis meliphera*) domesticated colonies contains a queen about 6000 individuals of (domesticated bee) contain a queen bee, drones and worker bee. The training and workshop taking place at Pesantren Daarul Uloom Lido (<http://www.darululuumlido.com/>) the first partners of Rufford Grantee and Yayasan Owa Jawa that would like to implement the *harim* zone Pilot Project.

The project conducted this training in collaboration with Islamic Foundation for Ecology and Environmental Science (IFEES) and Conservation International, Indonesia and a professional bee keeper trainer. Besides the bee training, the participants were also educated the conservation program, and Islamic teaching for conservation including the *harim* and *hima* system and also the understanding of the importance to protect nature for ecosystem services and



sustainable use of natural resources. The satisfaction and evaluation to the training can be figured out



**Figure 3.** All participants group photo (above), out door training (middle) and in door training workshop (below).

**Table 1** The Potential Alternate site for Harim Zone Pilot Project around Gede Pangrango and Halimun-Salak National Park (Gedepala), Provinsi Jawa Barat and Banten

No	Name of the Boarding School (Pesantren)	Address	Sub District	National Park	District
1	PP. Tarbiyatul Huda	Pancawati	Caringin	Gedepahala	Bogor
2	PP. Al Ikhlas	Kp. Cibolang RT.01 Rw.05	Caringin	Gedepahala	Bogor
3	PP. Al-Kamil	Kp. Banjar Waru Banjarsari	Caringin	Gedepahala	Bogor
4	PP. An Nawawiyah Al Afandiah	Kp. Cibolang Rt.06/04	Caringin	Gedepahala	Bogor
5	PP. An Ni'mah	Kp. Ciheranggede Rt.03/05	Caringin	Gedepahala	Bogor
6	PP. Ibnu Mukhtari	PD Menteng Rt 01/02 Citapen	Caringin	Gedepahala	Bogor
7	PP. Nurul Ikhlas	Kp. Bojong Ds. Bojong Murni	Caringin	Gedepahala	Bogor
8	PP. Syifaul Furqon	Kp. Bojong Nyolok	Caringin	Gedepahala	Bogor
9	PP. Al-Fudholiah	Kp. Sampay Sindang Subur	Caringin	Gedepahala	Bogor
10	PP. Darul Huda	Kp. Cilember Rt 04/03 Ds Cilem	Caringin	Gedepahala	Bogor
11	PP. Sirojul Huda	Cidadap	Cisolok	Halimun Salak	Sukabumi
12	PP. Syamsul Huda	Kp.Cidadap	Cisolok	Halimun Salak	Sukabumi
13	PP. Syarif Hidayatulloh	Cibunar	Cisolok	Halimun Salak	Sukabumi
14	PP. Syia'ul Islam	Bobojong	Cisolok	Halimun Salak	Sukabumi
15	PP. Al Badruniyah	Kp.Bantar Baru	Cisolok	Halimun Salak	Sukabumi
16	PP. Al Barokah Lio	Lio	Cisolok	Halimun Salak	Sukabumi
17	PP. Al Hidayah	Cikondang	Cisolok	Halimun Salak	Sukabumi
18	PP. Al Khidayah	Kokoncong	Cisolok	Halimun Salak	Sukabumi
19	PP. Al Manshuriyah	Jl. Bantar Panjang	Cisolok	Halimun Salak	Sukabumi
20	PP. Al Munawaroh	Kp.Cukang Galeuh	Cisolok	Halimun Salak	Sukabumi

21	PP. Al Mubarkotussa'adah	Cimulek Babakan Baru	Jasinga	Halimun Salak	Sukabumi
22	PP. Al Barokah	Dago	Mega Mendung	Gede Pangrango	Cianjur
23	PP. Al Hidayah	Cicepuk	Mega Mendung	Gede Pangrango	Cianjur
24	PP. Al Huda	Kp.Cisereg	Mega Mendung	Gede Pangrango	Cianjur
25	PP. Al Inayah	Kp.Cikiara	Mega Mendung	Gede Pangrango	Cianjur
26	PP. Al Istianah	Solokan Haur	Mega Mendung	Gede Pangrango	Cianjur
27	PP. Al Istianah Sadarmanah	Cikuda Pananggapan	Nanggung	Gede Pangrango	Cianjur
28	PP. Al Muhajirin	Kp.Ciputat	Nanggung	Gede Pangrango	Cianjur
29	PP. Atasreh	Hegarmanah	Parakan Salak	Halimun Salak	Cianjur

#### a. Media Coverage

There are two national media covers the activities of the training:

1. **REPUBLIKA** Daily entitled Mengajak Pesantren Melestarikan Alam (**Invite the Islamic Boarding School for Conservation**). **REPUBLIKA** is one of Muslim leading newspaper in Indonesia with 120.000 copies per days and online [www.republika.co.id](http://www.republika.co.id)
2. **KORAN TEMPO**daily entitled: **Ecosystem services training for Islamic Schools students**. Koran Tempo is a leading national newspaper distributed about 170.000 copies with 640.000 readers at the country, available at: [www.korantempo.co.id](http://www.korantempo.co.id)

The narrative progress report and more news also could be found at at Yayasan Owa Jawa website ([www.yayasanowajawa.or.id](http://www.yayasanowajawa.or.id)) and personal blog of Fachruddin Mangunjaya (<http://nature-of-indonesia.blogspot.com/2010/12/ketika-santri-dan-usdadz-bersahabat.html>). This blog appointed by more than 6300 visitors and have a lesson link to other related project such as Religion and Ecology, Islamic Foundation of Environmental Science (IFEES) and related sites including to the RSG website.

Good news about the development of the project is also being up dated in at the blog that could easily spread the words about the project progress and available being monitored by public.





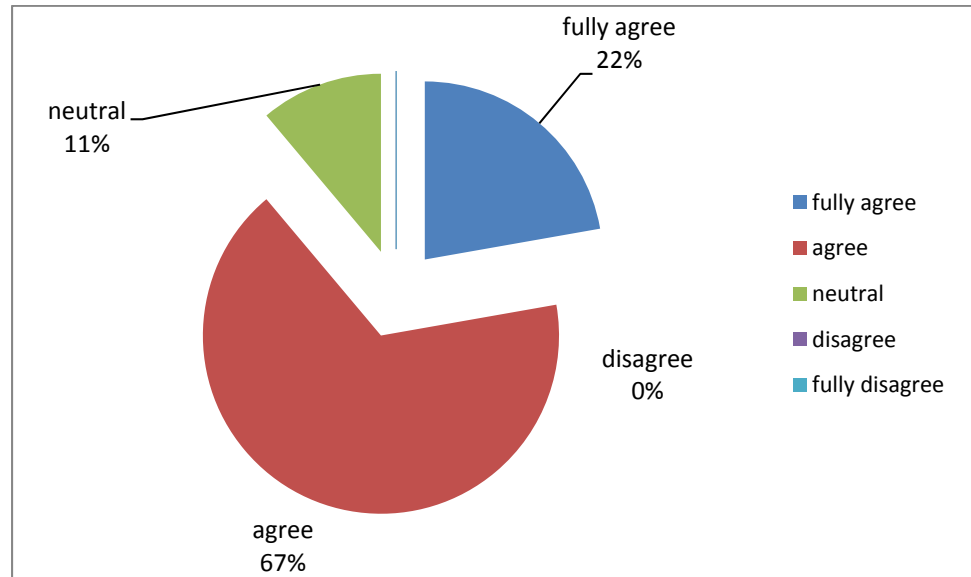
**Figure 4.** Press coverage by Republika Newspaper (above) entitled **Mengajak Pesantren Melestarikan Alam (Invite the Islamic Boarding School for Conservation)**. *REPUBLICA* is one of Muslim leading newspaper in Indonesia with 120.000 copies per days and online [www.republika.co.id](http://www.republika.co.id) and *KORAN TEMPO* entitled: **Ecosystem services training for Islamic Schools students**. Koran Tempo is a leading national newspaper distributed about 170.000 copies with 640.000 readers at the country, available at: [www.korantempo.co.id](http://www.korantempo.co.id)

## b. Participant Satisfaction

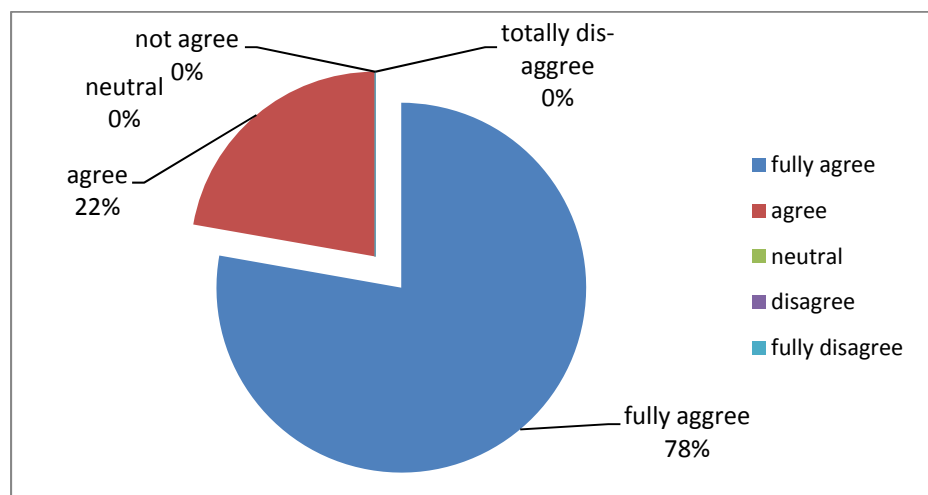
To measure the training satisfaction, feedback and the understanding for the training methodology and materials delivered, evaluate the participant response to the training (n=20). The participant with some questions:

1. Is it possible to Islamic boarding school taking leads to the community in contributing to the environmental awareness, and environmental conservation?
2. What is your opinion after being trained for bee keeping?
3. Over all, is this training can fulfill my expectations?

4. What your opinion, is the training module could improve your understanding to the environmental conservation?
5. After you had the training and see the harim zone pilot project at Daarul Ulum,Lido. Would you also trying to motivate your school to implement the awareness to conservation and environment.
6. What will be your proposal, in order to pursue the better activities in the future?



**Figure 5.** Is it possible to Islamic boarding school taking leads to the community in contributing to the environmental awareness, and environmental conservation? (n=2).



**Figure 6.** The participant 90 percent (n=20) satisfied to the training delivered

89 percent of the participants were agree when asked the participations of Islamic boarding school in leading the community in conservation actions (Fig 5), and 90 percent of the participant answered their satisfactions to the training delivered (Fig 6). Participant comments that, the training would be meaningfully beside would expect to increase their income also their healthy life (eg the bee sting that could practically being use for a therapy for medicinal purposes).

The participant were inspired that by keeping the bee colonies, they has been aware to the sustainable use of the natural resources, as well increasing economic income form after the training conducted, and also encouraged to participated to keep nature free from chemical (pesticides) because bee actually now going to the polluted by pesticides residues.

Jakarta, January 16 2011

**Table 2.**

**Work Plan for the Project Introduction to Hima and Harim Phase II 2010-2011**

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