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## Report of ITTO Fellowship Program

“Payment Environment Services Mechanism Model in Cultural Landscape Conservation in Japan”  
October 11 – 25, 2014

By  
Mr. Azman A Rahman



A primary aim of ITTO members agreed to strive for an international trade of tropical timber from sustainably managed forests by the century's end. Under the ITTO Fellowship Programme, Mr Azman A Rahman from Universiti Teknologi MARA (UiTM) Malaysia was selected to undergo the internship at IDEC, Hiroshima University from 10 – 25 October 2014. This internship was supervised by Prof. Nakagoshi Nobukazu, assisted by Dr. Rachmand Firdaus from IDEC- Hiroshima University and Prof. Katsue Fukamachi, from Kyoto University.

Mr. Azman internship was under the ITTO Freezailah Fellowship Fund. This fellowship was offered to the ITTO countries member twice a year. This fellowship aim is to promote human resource development and to strengthen professional expertise among the member of countries in tropical forestry and related disciplines. The goal of the programme is to promote the sustainable management of tropical forests, the efficient use and processing of tropical timber, and better economic information about the international trade in tropical timber.

The theme of the internship entitles “Payment Environment Services Mechanism Model in Cultural Landscape Conservation of Satoyama” in Japan. The aim of Mr Azman internship is to study on satoyama concept as traditional rural landscape and to assess the local people conserving the nature and the traditional rural landscape at the satoyama areas.

Two workshops were held at Hiroshima University on 13 to 15 October 2014 and Kyoto University on 18 to 20 October 2014. The program begins with the presentation and discussion on the research of the satoyama area. Field visit at were conducted by Prof. Nakagoshi Nobukazu and assisted by Dr. Rachmad Firdaus to several satoyama research project and activities.



Presentation and Discussion of workplan in Hiroshima University



Dinner at an Indian Restaurant in Saijou



Dinner at a Turkish Restaurant in Kyoto

### Field works on 13 – 15 October, 2014

Field works were at Satoyama Project Community Based Management in sub-urban village of Hiroshima Prefecture, Higashihiroshima. At 9.30 am, a 15 minutes drive from the University. The visits of the satoyama activity lead by Prof. Nakagoshi Nobukazu himself to several satoyaman activities;

1. Protection of the landscape – local community invite a vending drinking company (example; coco cola), to participating in conservation of their landscape; the community get their income by the rent income, where the vending machine was install.
2. International company rent the community land to build factory, as an agreement between the community and the company, the rental of will goes to the community and their fixed income. (example; Micron – electronic computer company). The factory were build on the top of the hill, which is the land were previously not productive.
3. An golf club were build in between community village and the factory, which it the plan was the factory worker could have their recreation near to their work place. The community also rent their land as part of their income.
4. Visit forestry rehabilitation project; The land also belong to the community, the forest previously a pine forest which is having deceases dieback from the beetle and destroy the whole plant. The community invited the private company such as 7eleven to participate in the program. The company contribution in kind of donation

as part of their community social responsibility by providing the seedling as to replant the tree. The replanting programs were also participated by the volunteers from the urban and the local community.

5. Water catchment Project; the water catchment project is the water reserve for the paddy farmer. The farmers have to pay for the usage of the water by the volume which is it the bigger volume the more they have to pay.
6. Visit Ikoinomori Forest Park; This Forest Park own and manage by the municipal of Hiroshima, the park only 5 personal and all activity was done by the volunteer, this park was frequently visited by almost 6 thousand local people. The park is free entrance. There are several management activities;
  - a. Manage Forest – cutting wood
  - b. The waste woods were crush into chips and pelletization.
  - c. Most the pellets were combustion and used as for cooing material.
  - d. Some of the waste wood were burn into charcoal, the charcoal were drawn into the river as to reduce acidity of the water.
  - e. The flow of the river will water the paddy field as to produces good rice. The good rice's were than to produce a good shitake.
  - f. At every bottle of 1.8ml of shitake 1 yen will be contributed back to forest management.



Fieldtrip visits Satoyama Landscape (Sadoyama Project) in Kitahiroshima

### **Field works on 18 to 20 October 2014 at Kyoto Areas**

This visits were lead by Prof. Katsue Fukamachi, from Kyoto University on the Non Goverment Organization (NGO) projects on satoyama community involvement. Beside that we visited some interesting places in Otsu and Kyoto. Otsu can be reached in around 10 minutes from Kyoto by JR Biwako line from Kyoto station. Located on the southwestern shore of Lake Biwa, Otsu is the capital of Shiga prefecture. Otsu is also a port and center for excursions on Lake Biwa, the largest lake in Japan. We enjoyed sunset Lake Biwa sighthseeing standing at Otsu port where many colourful illuminations attractively appeared.



Fieldtrip visits Satoyama management by Local NPO in Kyoto

### Acknowledgements

I would like to express my genuine gratitude and thank to Professor Nobukazu Nakagoshi. Thank you very much for your invaluable mentoring these past two weeks in IDEC Hiroshima University. I truly appreciate the time you took to talk with me and the university gives me the opportunity to accept my internship program. I have learned so much from the field visits and the discussion with you and Dr. Rachmad. I am also grateful to have the experience and information. I would like to thank you for whatever I have learned from you and your institute. It was great time learning various techniques from your courses. You gave me direction towards my interests that could accomplish my research objective.



My memorable moments in Japan

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**Warmest regards and thanks**

Azman A Rahman