

COMPLETION REPORT

Universitas Sebelas Maret

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【Subject of Research Project】

Preservation and Development of Rice Farming Areas in Indonesia Through Learning From The 'Connecting Volunteer Network From Urban to Support Village' Approach of Japan's NPOS

Since 1960 many farms have been abandoned in Japan, leading to the loss of beautiful agricultural landscape areas. To tackle this situation, there is an urban-rural exchange program implemented as a method of revitalizing villages, therefore, through this research, an analysis is carried out related to this approach in NPOs. There are 2 case study areas conducted in this research, namely Oyama Senmaida and Iketani Iriyama. The activities offered are both internal and external. For Oyama Senmaida, activities include various ownership programs (rice terrace trust, soybean and field trust, cotton and indigo dyeing trust), workshops such as renovating old house, experiencing local food culture, rice straw craft making, and study through nature, and other programs category such as rice terrace light up festival, satomai dance, and photo contest. Meanwhile, Iketani Iriyama has Yamashimizu rice terraces for everyone which is a category of ownership program, workshop programs such as harvesting and cooking wild vegetables, snow shovel dojo, and mebuki or housing development program.

The design of the activity program is based on local potential, including local culture, nature, and human resources with a discussion process between stakeholders that is carried out regularly in a family atmosphere. From the activities carried out, it can be concluded that there are 6 elements that become the sustainability factor of the revitalization program, including the economic aspect where income is obtained from events, agricultural products, *furosato nouzei*, crowdfunding, grants from the government, and donations from members. Second is from immigrants and volunteers who contribute importantly as human resources in both the design process and implementation of program activities. Third is the character of the local community who is cooperative in conducting programs and open to immigrants, the fourth is the collaboration scheme that is built internally and externally, and the last is the use of social media used for publication, attracting immigrants, and media for product sales. Fourth, the character of local communities who are cooperative in conducting programs and open to immigrants. Fifth, collaboration schemes that are built internally and externally, and the last point is the use of social media used for publication, attracting immigrants, and media for product sales.

In Indonesia, urbanization is also intensive, so that the number of rural communities, especially farmers, has decreased dramatically and it is estimated that by 2063 the profession will be extinct, therefore the urban-rural exchange approach is one of the solutions that can be adopted. However, based on the experiences in Oyama Senmaida and Iketani Iriyama, there are important considerations that need to be taken into account in attracting future immigrants, such as employment and a decent income. Therefore, it is important in future research to formulate a revitalization design with consideration of interesting activities, jobs and good economic opportunities in the village, so that the revitalization program can be sustainable in the long term both in Japan, Indonesia, and agrarian countries with similar problems.

Publication of the Results of Research Project:

Verbal Presentation (Date, Venue, Name of Conference, Title of Presentation, Presenter, etc.)

- 1.) 17th October 2023, building 2 Chiba University Japan, Design Culture Seminar, Title: Rice Farming Area Development through “Designing Living” Approach, Pandu Purwandaru as keynote speaker.
- 2.) 22nd February 2024, seminar room Faculty of Fine Art and Design Universitas Sebelas Maret, Chiba University x UNS seminar, title: Urban-rural Exchange Approach in Preserving Rice Terrace Area in Japan, Aoki Hironobu as keynote speaker.

Thesis (Name of Journal and its Date, Title and Author of Thesis, etc.)

- 1.) Jurnal Ilmu Sosial dan Humaniora (Journal of Social Sciences and Humanities) (submitted 25th February 2024, revision process), title: Revitalization of Rice Terrace Area through Urban-Rural Exchange Design Approach in Oyama Senmaida, Kamogawa City, Japan, Author: Pandu Purwandaru, Aoki Hironobu.
- 2.) Sodality: Journal of Rural Sociology (submitted 22nd April 2024), title: Rice Farming Area Development through an Urban-Rural Exchange Approach, Case Study of Iketani and Iriyama Villages, Niigata Prefecture, Japan, Author, Pandu Purwandaru, Aoki Hironobu, Feng Tien-wei.

Book (Publisher and Date of the Book, Title and Author of the Book, etc.)