

Naphat Naksut 2012: Sustainable Community Redevelopment in the Municipality of Nakhonsawan: A Case Study of Taladlao Community. Master of Urban and Environmental Planning, Major Field: Urban and Environmental Planning, Department of Urban and Environmental Planning. Thesis Advisor: Associate Professor Eggarin Anukulyudhathon, Doctorat d'Urban. 144 pages.

The objectives of this study are: (a) to investigate available potentials of the community area; and (b) to investigate the needs of the community residents – based on a process of public participation in determining a desired community organization with a view to proposing suitable community organization guidelines in accordance with the principles of sustainable community planning, in the light of available potentials, physical geography, land use, economic features, social and environmental characteristics by means of field surveys and personal interviews conducted in order to find out the linkage between potentials and the needs of community residents which will lead to a suitable community organization plan that addresses the community context and the needs of the community residents.

Concerning the issue of community potentials, this study revealed that the Community of Taladlao is readily in need of community reorganization, as it is now facing environmental degradation, over-crowded population and buildings, a lack of infrastructure and public utilities, a lack of green space, poor accessibility due to a low-quality road network, poor land use (without proper land utilization), which result in poverty and inability to earn enough income to meet their basic needs. Regarding the issue of the needs of the residents in relation to the desired community organization, the summary of personal interview findings revealed that the community residents would be interested in participating in infrastructure development projects such a water drainage system, a road network construction project for better accessibility, a green area development project, a children's playground development project and a community employment project. Regarding the level of residents' satisfaction towards the 3 proposed options for the community organization plan, the summary of personal interview findings indicated that the community residents are most satisfied with the 2nd option. As for the level of residents' satisfaction towards the 3 proposed options for housing organization plan, the summary of personal interview findings indicated that the community residents are most satisfied with the 3rd option. As a result of the examination of the area potentials and the needs of the residents in the area, this paper presents the guidelines for community organization as follows: a mix use of land with a variety of activities, an economic zone for improved residents' livelihoods, an interactive environment creation and a green area expansion. This will lead to the creation of an orderly and green neighbourhood in Taladlao and turn it into a comparatively livable place where people enjoy a better quality of life, which will be conducive to a sustainable community planning and development.

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Thesis Advisor's signature