

A study on the transformation and revaluation of traditional path, "Sujiigwa"

Ch. SHIMIZU Hajime, Assoc. Prof.,

Department of civil engineering and architecture, Univ. of the Ryukyus
mem. CHII Akio, Pro.,

Department of socio-environmental design, Hiroshima international
Univ.

mem. ONO Hiroko, Research Assoc.

Department of civil engineering and architecture, Univ. of the Ryukyus

SYNOPSIS

Aim of this paper is to investigate the process of reconstruction and transformation of traditional paths in Okinawa, which are called "sujiigwa", and evaluate the experimental apartment house planning which succeed the characteristics of "Sujigwa" and preservation project of "Sujigwa" in residential area.

Results are as follows.

1)In Haeburucho after W.W.II "Sujigwa"s were reconstructed by people of traditional communities and some community rules to widen "Sujigwa"s. "Sujigwa"s are regarded as common property.

2)According to the research in Kanagusuku area in Habarucho the relationship between paths and houses have been changing. Type of houses have been gradually changing to closed types and shapes of sites have been changing by the construction of walls.

3)Hirara housing and Baba housing, which are public apartment houses in Miyakojima, are experimental project to make intermediate zone between inside and outside of house units. The intermediate zones are actively used by residents and residents evaluate the intermediate zone positively. They can be a prototype a housing plans which succeed the characteristics of "Sujigwa"

4)In Shurikinjo-cho in Naha city the city government of Naha is trying to preserve traditional "Sujigwa" shape in the area. They found the legal basis and practical scheme to preserve and improve the state of "Sujigwa". This project can be a model to improve the living environment of areas which have "Sujigwa"s.