

Development of the method for "Community Environmental Map" and Mapping Support System

-Towards for Community-Scale Spatial Planning with Environmental Symbiosis-

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[S Y N O P S I S]

This study aims at proposing the method of making "Community Environmental Map" with public participation and the Community Environmental Mapping Support System (user-friendly GIS). Actually, we developed Community Environmental Mapping Support System and held Community Environmental Mapping Project with using the system as a case study in Muko neighborhood, Amagasaki City. In this report, we report about the system and the project, and discuss about them. As a result, participants could make some maps thoroughly by using Community Environmental Mapping Support System, and we could get the knowledge for environmental design through this project. So, Community Environmental Mapping Project seems to be effective to community-scale spatial planning. From questionnaire results, we could find all participants felt fun in this project and got new findings about the local environment. From questionnaire results, we could also find Community Environmental Mapping Support System seems to be easy to use for non-expert of GIS. But, some new functions will be needed to Community Environmental Mapping Support System. Especially, "Using the system on the PDA with GPS at the field" is important, because some participants could not find the present place on the paper map.