

A Case Study of GIS Application to Improve Residents' Living Environment in Fukui Prefectural Government

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In recent years, the Fukui Prefectural Government has been focusing on the use of GIS and GPS technology in public services. This paper presents an overview of the use of GIS in the field of disaster management sector and childcare support projects. In the disaster management sector, we reviewed the "Fukui Prefecture Disaster Information Web," which is a highly useful system as it is available in 13 languages and 12 different types of relevant data could be displayed on the site. In the child-rearing support project, we represented the distribution of child-rearing support facilities and the population under 15 years old in Fukui Prefecture on a GIS. Using visually comprehensible tools to aggregate data, it is possible to obtain visual information that is not evident from the tabular data, thus making the data more explanatory.

keywords: Fukui Prefecture, GIS, hazard maps, childcare support