

Practical-use of GIS by municipality and civilian considering continuity between normal and disaster period

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As condition of useful GIS during normal and disaster period, risk-adaptive regional management information system (RARMIS) concept is proposed (Hatayama et al. 1999). Yurihonjo city, which is located in northern part of Japan, has been using spatial-temporal GIS based on RARMIS concept since 2008. One of the most important concepts is continuity between normal and disaster period. Based on this concept, this paper describes on disaster prevention drill and active usage in normal period by municipal staffs and civilians.

Keywords: disaster prevention, GIS, municipality