

EGU2020-20816

<https://doi.org/10.5194/egusphere-egu2020-20816>

EGU General Assembly 2020

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Development and application system based on static and dynamic data for disaster management

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The patterns of recent disasters in Korea such as typhoons, mountain fires and earthquakes are becoming increasingly complex and extensive. It is important to look at the disaster from a unified perspective in order to reduce the damage that will occur from the disaster and promote recovery. The integration between including work systems and information among government agencies that manage disaster situations is one of the important parts in order to respond quickly and reduce damage. But most of the information used to cope with disaster situations is temporarily consumed and volatile. Also there is a lack of periodic updates or management systems. In this study, the information system was established through analysis of the status of the utilization system of static and dynamic data among disaster information used in the Republic of Korea when disaster management. In the event of a typhoon situation, the system operation and on-site survey are to derive the deficiencies to support the assessment of the situation in government agencies and local governments.