

51. ONTOLOGY BASED RECOVERY OF GEOGRAPHIC INFORMATION SERVICES

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In this paper, we efficiently analyze the trend of the disasters and minimize the consequent loss of data in future to manage expectations, clarity in scope and regular updates. So that false expectation is not created regarding potential use for which the system is not designed. A myriad of news and reports that are related to the disaster may be recorded in the form of text documents. Here we use the concept of Domain Ontology as a meaningful framework for semantic representation of textual information. The domain experts expect to obtain condensed information about the detailed disaster event description. We use multi document summarization technique sentence mapping to summarize multiple documents to get the condensed information and we use KPI algorithm to increase the efficiency to recover document.

Index Terms— Disaster management, multi-document summarization, ontology, KPI-key performance indicator.

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