

Modern approaches to construction of metadata and search services for applications in the field of Earth Sciences

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Abstract

The main aim of this paper is to improve the effectiveness of information retrieval and working with metadata. Approaches to metadata standards are considered, as well as the implementation methods of search procedures in modern web environment. Various aspects for the organization of services of management by spatial metadata are considered. Model for direct usage of heterogeneous spatial information are presented.

Key words: efficient search, metadata, spatial and non-spatial information.

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