

Archiving in Digital Cartography and Geoinformation

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The fields of cartography and geoinformation, like other fields of Science and Technology, face a growing need for preservation and archiving policies, methodologies, procedures and practices.

Based on experts discussions from academia, administration and private enterprises in this presentation will be discussed

- state-of-the-art digital archiving
 - technological, organizational, and legal prerequisites
 - creation of archive input data
 - document and multimedia archiving
 - database archiving
 - digital archive organisation, digital archive prototypes, archives management
 - archive use, permanent and long-term accessibility
- and other topics related to the application of digital archiving in the fields of cartography and geoinformation.

There is an urgent need of digital cartography and geoinformation archives in application scenarios like disaster and risk management. Spatial information provides basic reference to fact collections, decision support systems and in operational logistics. Documentation, archiving, and open access to spatial data is fundamental to simulation, effectiveness control and improved preparedness for action in complex decision support systems.

Keywords: Digital Cartography, Cultural Heritage Preservation, Geoinformation, Permanent Access, Complex Decision Support Systems, Applications in Disaster and Risk Management

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