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INNOVATION AS AN INITIATOR OF THE DEVELOPMENT

BOOK OF ABSTRACTS

# I N N O V A T I O N S

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# Security of information and information systems in emergency situations

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**Abstract:** The analysis of emergency response both in our country and in the world, indicates shortcomings, both in the organization and in the methodology for emergency response and management of all entities, their mutual cooperation, which, among other things, indicates the problem of their interoperability. The main goal of this paper is to present the results of research on the problem of interoperability of emergency management systems, with special emphasis on organizational, technical and semantic aspects and a general model for achieving the required level of integration and interoperability. The term interoperability, in general, means the ability of two systems to establish mutual cooperation, coordinate activities in the management process and exchange mutually understandable information. The paper provides basic information on what is and how to measure performance related to the protection of information and information systems. In addition, key aspects have been defined for the development of a successful approach in the function of implementing the necessary security measures of information and information systems in order to ensure business continuity.

**Keywords:** Interoperability, security of information and information systems, emergency, emergency management



