

Streszczenie pracy w języku angielskim

SUMMARY OF THE DOCTORAL DISSERTATION

of Michał Wnuk

titled "Organization and Functioning of the Command Staff Managing Rescue Operations in Prolonged, Multi-Entity Rescue Actions"

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The subject of this dissertation is the analysis of the organization and functioning of the command staff managing rescue operations in prolonged, multi-entity rescue actions. The study pays particular attention to organizational, logistical, and procedural aspects related to the functioning of the command staff. The main goal of the dissertation is to develop recommendations for optimizing the operations of the command staff, increasing the efficiency of decision-making, and improving cooperation among entities involved in rescue operations.

The key research objectives include: defining the scope of tasks of the command staff in prolonged rescue operations, identifying the main problems and challenges related to the functioning of the staff, analyzing organizational structures and procedures for cooperation between the staff and other entities, developing a model for the organization of staff work, and formulating guidelines for personnel training.

The dissertation proposes the following research hypotheses: The functioning of the command staff is hindered by insufficient personnel training and an inadequate number of Staff exercises. The effectiveness of command staff operations depends on the proper division of competencies and clearly defined cooperation procedures.

Modern information technologies can significantly improve decision-making efficiency and the organization of command staff operations. The lack of unified principles for logistical support of the command staff constitutes a significant obstacle to effective resource management.

The research objectives were achieved using methods such as the analysis of legal acts and internal documents of the State Fire Service, case studies of prolonged rescue operations, expert interviews with officers of the State Fire Service and members of command staff, as well as staff simulations evaluating the effectiveness of different models of rescue operation management.

Dissertation Structure

Chapter I: Research Assumptions defines the main research objectives and scope. It identifies fundamental organizational and functional problems of the command staff and their impact on the effectiveness of rescue operations. Additionally, it presents key research hypotheses and the analytical methods used in the study.

Chapter II: Identification of the Subject and Procedures of Command Staff Functioning in Prolonged, Multi-Entity Rescue Actions provides a detailed description of the structure of the command staff, its competencies, and operational procedures within multi-entity rescue operations. It also analyzes legal regulations and operational guidelines defining the staff's functioning. Particular attention is given to relationships between the entities involved in rescue operations and coordination mechanisms.

Chapter III: Assessment of Deficiencies and Challenges in the Organization and Functioning of the Command Staff in Prolonged, Multi-Entity Rescue Actions focuses on analyzing problems and challenges related to the work of the command staff. It highlights the most common organizational errors, deficiencies in human and logistical resources, as well as difficulties related to decision-making and effective communication. This chapter is based on case studies and empirical research data.

Chapter IV: Proposed Methods for Enhancing the Effectiveness of the Command Staff in Prolonged, Multi-Entity Rescue Actions presents solutions aimed at improving the work of the command staff. It includes recommendations for modernizing organizational structures, implementing modern technologies supporting crisis management, and increasing the number and quality of staff training. The conclusions in this chapter are based on theoretical analyses and empirical research findings.

The final conclusions indicate that the effectiveness of the command staff requires the introduction of unified organizational standards, more frequent training and staff exercises, and broader use of modern information technologies in managing rescue operations. The recommendations developed in the dissertation may serve as a basis for modifying procedures for organizing command staff and improving their effectiveness in crisis situations.