

The Impact of Geographical Factors on Military Communications (On the Example of Kvemo Kartli)

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The relevance of the master's thesis is related to military geography, specifically the impact of geographical factors on military communications. Military geography has not been studied from this perspective to date, which was carried out using the example of Kvemo Kartli. It is also worth noting that the importance of geographical factors in military affairs has not yet been determined in this direction. Military communications is one of the most important issues for military units during military operations. Along with its importance, it is also a very difficult issue, since military communications require both knowledge of existing means of communication and the specifics of their use, as well as an analysis of geographical factors. A correct analysis of geographical factors determines the quality of communication between units and the distance of communication. The paper discusses the theoretical part, theoretical provisions, the assessment of geographical factors and their connection with military communications, and finally the results and prospects of the research. In addition to the theoretical research conducted and the practical research conducted, observation and experience of military communications over many years of military life, both within and outside the borders of Georgia, have also been used.

The relevance of the topic is related to the goals and objectives of the work. The goals of the research are:

- Determination of the geographical features of military communications;
- The impact of the relief, hydrographic objects, vegetation cover, climate and weather, urban development and engineering infrastructure in Kvemo Kartli on military communications;
- The research methodology is related to the analysis of geographical factors of natural and anthropogenic impact on military communications. Where both theoretical and practical methods were used.

As a result of the research, a study will be carried out for the first time, which will assess:

1. The impact of geological structures and relief forms on military communications;
2. The impact of climate and weather types on military communications;
3. The impact of hydrographic objects on military communications;
4. The impact of vegetation on military communications;
5. The impact of urban development on military communications;
6. The impact of engineering infrastructure on military communications;
7. Division of Kvemo Kartli into three zones (good, bad and very bad) according to the spread of communications.