Monitoring Methodology of Emergency of Social Character

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Research Methodology. Through systemic analysis of a unified state system of civil defense in Ukraine the issue of emergency situations monitoring, including social emergency is investigated. By means of analytical methods (expert evaluation, hierarchy analysis, statistics) integrated assessment of the level of danger in the area of conflict (emergency) is made.

Results. The current state of emergency monitoring is analyzed. The main tasks of emergency monitoring of social character that are related to a threat or social conflict occurrence, requiring the use of special, including force, measures and methods to prevent or eliminate its consequences are determined. An analytical method that, through the use of simple mathematical functions allows sound solutions in monitoring in the area of social conflict (emergency) is offered. The main restrictions on proposed methodology application are substantiated.

Novelty. A new methodological approach to monitoring of emergencies of social character, based on the use of application of analytical methods of analysis is offered.

Practical Significance. The methodology which results in a cumulative assessment of the level of security (adequate action script) in the conflict area (emergency) on the basis of collecting and processing data messages coming from different sources for specific intervals is developed. The methodology has restrictions on application within emergency situations of social character, demanding instant action, developing or passing in a tight schedule.