

CRIME MAPPING IN THE FUNCTION OF PROBLEM-ORIENTED POLICING

Nenad MILIĆ

Summary: The diversity of activities and tasks of modern policing, and their simultaneous focus on the interests of all citizens and the whole society, and a high degree of uncertainty and unpredictability of emergence and development of safety occurrences and events shows the complexity of environment in which the police system operates. If the police want to effectively perform its function in society, police officers at all hierarchical levels should have timely and precise knowledge about when and where crimes and other events of police importance happen, and who are their actors (perpetrator, victim, etc.). In other words, to solve problem it is necessary to possess reliable information about its characteristics, especially on the causes of its appearance and the way it is expressed, or the consequences caused. For decision makers is extremely important that the information be reliable, i.e. reflect the true state of the object, phenomena and processes that are related and that at any given time and space. The complexity of the problem may result in that such information is often a numerous. As the majority of these data can be related to a location in space, geotopographical surface can be a good basis for their synthesis and presentation. Combining operations with databases, such as query and statistical analysis, with a unique layered data organization and visualization, crime mapping based on the GIS technology can play an important role in the problem-oriented policing.

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