

Improving Law Enforcement Strategies Through Geographic Information Systems: A Spatio-Temporal Analysis of Antisocial Activities in Móstoles (2022)

Authors : Daniel Suarez Alonso

Abstract : This study has tried to focus on the alternatives offered to police institutions by the implementation of Geographic Information systems. Providing operational police commanders with effective and efficient tools, providing analytical capacity to reduce criminal opportunities, must be a priority. Given the intimate connection of crimes and infractions to the environment, law enforcement institutions must respond proactively to changing circumstances of anti-norm behaviors. To this end, it has been intended to analyze the antisocial spatial distribution of the city of Móstoles, trying to identify those spatiotemporal patterns that occur to anticipate their commission through the planning of dynamic preventive strategies. The application of GIS offers alternative analytical approaches to the different problems that underlie the development of life in society, focusing resources on those places with the highest concentration of incidents.

Keywords : data analysis, police organizations, police prevention, geographic information systems

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