Traffic Analysis Studies Using GIS Tools

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SUMMARY

This article highlights the advantages offered by current GIS technology to perform various traffic analyses. For this purpose, several areas in Romania that are very crowded at certain times of the week, for example on weekends, were chosen and analyses using real-time traffic services and historical data for a certain date and time to make comparisons were performed. These traffic analyses are extremely useful to substantiate the decisions of the authorities for the improvement of the road infrastructure in order to streamline the traffic.