



Accesibilidad: Elemento Fundamental para la Ejecución de Infraestructura de Transporte. [

2019

text (article)

Analítica

The Metropolitan Area of Bucaramanga -AMB- currently presents a critical situation of mobility generated by different factors whether political, social or territorial, therefore an investment methodology is necessary in terms of road infrastructure that benefits the greatest number of inhabitants possible. This research aims to inform, strengthen, optimize and improve the road conditions present throughout the Colombian territory, showing that with a procedure of road project selection in terms of time, generalized cost of travel and optimization of public resources, it ensures a benefit for the community and not for a private individual. The methodology used was based on the determination of accessibility indices obtained from two scenarios, the current one, (refers to the existing road network in AMB) and the future, (existing road network plus future road projects) modeled through the TransCad software, in which a future road network was obtained that represented savings in Colombian pesos of \$ 4.365 million (1,51 million USD)

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