GIS applications for engineering.

Aplicaciones SIG para la ingeniería.

Autores

; Universidad Pedagógica y Tecnológica de Colombia, Diego Fernando Gualdrón Alfonso, José Julián Villate Corredor, Pedro Santiago Reyes Medina, Andrés Leonardo Silva Balaguera, Jorge Luis Rodríguez González, Omar Javier Daza Leguizamón, Enrique Vera López

Sinopsis

In recent years the concern for the conservation and optimization of natural resources and the environment, as well as existing territorial problems, make it necessary to collect, process and analyze information for the development of research, which can be laborious, complex and expensive, that is why Geographic Information Systems (GIS) have acquired significant relevance when analyzing problems related to spatial information, since they allow the automation, visualization and manipulation of geographic data, becoming a fundamental tool for the decision making. GIS, besides to performing operations reliably, provide the user with information related to spatial phenomena, which has great importance in the research field, considering that a large part of the information on natural and environmental resources that is handled is linked with geographic or spatial information. This book is a compilation of research results developed during the years 2018 - 2019, focused on the applications of GIS in various areas of civil engineering.

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;T

Sobre el autor

; Universidad Pedagógica y Tecnológica de Colombia

DG

Diego Fernando Gualdrón Alfonso

JV

José Julián Villate Corredor

PR

Pedro Santiago Reyes Medina

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AS

Andrés Leonardo Silva Balaguera

JR

Jorge Luis Rodríguez González

OD

Omar Javier Daza Leguizamón

EV

Enrique Vera López

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