

Environmental Software at the Colorado DOT

Presenter

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Over the past decade, software tools, especially GIS software, have evolved to meet the emerging needs of determining the impacts of transportation projects on the environment. Environmental Program efforts have included long-range corridor studies, linking planning and environmental studies for transportation, managing environmental clearances, performing NEPA studies, improving coordination with resource agencies, and impacts of hazardous wastes on proposed transportation projects. This presentation surveys the progression of these needs and tools, up to the present. The presenter will demonstrate some of the current tools, and discuss directions for future tool development. The presenter expects to spur discussion among the audience to compare needs and tools across transportation agencies, and to discover useful and practical software that may meet current and future transportation environmental needs at CDOT.