

Abstract

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GIS in School Administration: K-12 School Facilities Planning

Track: GIS for Administration and Planning

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This presentation describes the data resources, processes and results of using ESRI GIS software to assist in the analysis, facilitation and presentation of facilities master planning projects. It includes urban and rural public school project examples. The urban example includes over 60 facilities and 25,000 students. The project goal was to develop a 10-year school facility master plan to upgrade/replace/renovate/close with a 20-year life span. The rural school includes 2,400 elementary school students in four facilities spread over a large area. The project goal was to accommodate student attendance growth and refine the education programming using existing facilities on a limited budget.

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