Abstract

Using ArcIMS to Access GIS-Based Precipitation Data in Real-Time
Track: Water, Wastewater, and Stormwater
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Operators of municipal sewer systems are among many who depend on precipitation measurements for proper system evaluation and problem solving. The Metropolitan Sewer District of Greater Cincinnati (MSDGC) has incorporated radar rainfall data with their GIS and successfully implemented a web-based solution to access this precipitation data in real-time. GIS integration allows display and spatial analysis of the precipitation that is otherwise not possible, while ArcIMS enables remote, multi-user access to quickly changing data. This paper will present the multi-faceted uses of integrating real-time radar rainfall data across a large urban area with a GIS.

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