

# Abstract

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### **Implementing Enterprise GIS for Soquel Creek Water District Using ArcIMS, the ArcMap Server, and a Geodatabase**

**Track:** Water, Wastewater, and Stormwater

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Assets and the associated data are key components in making planning and capital improvement decisions for a water district. This paper describes the implementation of the Soquel Creek Water District's Enterprise GIS system using ArcIMS, ArcMap Server, Geodatabase, and the .NET technology. ArcIMS Web Services are used to provide a common interface

to a different class of users (e.g., Customer Service, Operations, Engineering, Planning) to construct their own view into the spatial and tabular data which is collected by the District. The role of Enterprise GIS as the data integrator is demonstrated using examples from data collected and maintained in the system.

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