

# Abstract

[LINK TO PAPER](#)

## **Inter-Jurisdictional Law Enforcement Data-Sharing With GIS**

**Track:** Law Enforcement and Criminal Justice

**Author(s):** Mark Leipnik

Examples of use of GIS to create and disseminate geospatial data among multiple law enforcement agencies in the same metropolitan area, county, region, state, and between national police agencies will be presented. Cases illustrating application of GIS and related technologies to the analysis of crime patterns, to specific series of homicides, to deploy resources and to inform the public will be highlighted. The benefits derived from using a common set of geospatial data and common database schema and the centralization of activities such as geo-coding will be emphasized. Issues impeding intra-jurisdictional use of GIS such as confidentiality concerns, cost-sharing problems and lack of common approaches to data management will be discussed. Selected material from the presenter's new book published in December 2002 by Taylor and Francis of London will be supplemented with additional examples from the United States, Canada and Europe.

### **Mark Leipnik**

Sam Houston State University

Geography

1900 Ave I room 300 (P.O. box 2148)

Huntsville , TX 77341-2148

USA

**Phone:** (936) 294-3698

**Fax:** (936) 294-3940

**E-mail:** [geo\\_mrl@shsu.edu](mailto:geo_mrl@shsu.edu)