

Abstract

[LINK TO PAPER](#)

Using ArcInfo to Model Urban Development for Six African Cities

Track: Sustainable Development and Humanitarian Affairs

Author(s): Mourad Mjahed, Gary Christopherson

This paper examines the use of ArcInfo to model urban development, integrating socioeconomic and spatial data collected from six cities in Africa (Marrakech, Dakar, Niamey, Bamako, Dodoma, and Gaborone). Applied social science research in contemporary urban contexts is necessarily multi-disciplinary, requiring the collection and integration of data from many sources that vary in completeness as well as resolution. While data collection can be straightforward, coordinating these disparate data sets in detailed analyses presents difficulties that can be addressed through the use of geographic information systems technology.

Mourad Mjahed

University of Arizona
Center for Applied Spatial Analysis
Harvill 460 --Box 3
University of Arizona
Tucson , AZ 85721
USA

Phone: 520 621 6181

Fax: 520 621 6181

E-mail: momjahed@u.arizona.edu

Gary Christopherson

University of Arizona
Center for Applied Spatial Analysis
Harvill 460 --Box 3
University of Arizona
Tucson , AZ 85721
USA

Phone: 520 621 6267

Fax: 520 621 6181

E-mail: garych@casa.arizona.edu