

Spatial Study with China Geo-Explorers:  
New Information, New Technology and New Directions

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Abstract

Within the last ten years, the UM China Data Center has made lots of efforts in the development and distribution of government statistics, Census data, and GIS data of China. The presentation will introduce the newly developed spatial data explorers (China Geo-Explorer, Spatial Explorer of Religion, Urban and Regional Explorer) distributed by the University of Michigan China Data Center. It will demonstrate how space-time data of different formats and sources can be integrated, visualized, analyzed and reported in a web based system. Some applications in population and regional development, disaster assessment, environment and health, cultural and religious studies, and household surveys will be discussed for China and global studies.