

Abstract

Mobile GIS and the American Frontiers Trek

Track: New Technology and Technology Integration

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Earth Analytic, Inc., with the assistance of ESRI, HP, AllPoints GIS, Trimble, and a cadre of "techie" volunteers provided state-of-the-art mobile GIS and communications support for the American Frontiers Trek, a cross-country expedition on U.S. public lands from Mexico to Canada. Each trek team was accompanied by Earth Analytic's solar-powered mobile trailers with self-pointing, high-speed satellite dishes, multiple computers, plotters, handhelds, GPS units, and a full suite of ESRI software. This presentation details the use of numerous field-based GIS technologies and strategies, including the direct upload of processed GIS data to the Geography Network from remote locations.

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