

## **J. Alan Glennon**

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### **Education**

Doctoral Student in Geography, University of California, Santa Barbara, (advisor: Dr. Michael Goodchild), 2003-

Master of Science in Geoscience, Western Kentucky University, (thesis: Application of Morphometric Relationships to Active Flow Networks within the Mammoth Cave Watershed, Kentucky, advisor: Dr. Chris Groves), 2001.

Bachelor of Science in Recreation, Park, and Tourism Science, Texas A&M University, 1994.

### **Professional Experience**

**Graduate Research Associate**, *National Center for Geographic Information and Analysis / spatial@ucsb, University of California, Santa Barbara (2003-).*

**Instructor**, Geography 12: Maps and Mapping, *University of California, Santa Barbara, Department of Geography (Summer 2007).*

**Assistant Director**, *Hoffman Environmental Research Institute, Western Kentucky University, (1999 – 2003).*

**Research Hydrologist**, *Center for Cave and Karst Studies, Western Kentucky University, (1998 – 1999).*

**Park Ranger**, *Mammoth Cave National Park, KY (1994, 1996, 1997, 1998); Jewel Cave National Monument, SD (Summer 1991, 1993); Great Basin National Park, NV (Summer 1995).*

### **Fellowships**

Jack and Laura Dangermond Graduate Fellowship, Department of Geography, University of California, Santa Barbara, May 2007-May 2008.

Graduate Science Fellow, Center for Nanotechnology in Society, University of California, Santa Barbara, September 2006-April 2007.

## Refereed Articles

Goodchild, M.F., and J.A. Glennon, 2007, Representation and computation of geographic dynamics, in Understanding Dynamics of Geographic Domains. Edited by K. Hornsby and M. Yuan, CRC Press/Taylor & Francis.

Glennon, J.A., 2006, Cave map, in Cartography in the Twentieth Century, Volume 6. edited by M. Monmonier, invited submission, accepted.

Glennon, J.A., 2006, Geysers and hot springs, in New Book of Knowledge Encyclopedia. Scholastic: New York.

Glennon, J.A. and Pfaff, R.M., 2005, The operation and geography of carbon-dioxide-driven, cold-water geysers. *GOSA Transactions*, vol. 9, pp. 184-192.

Glennon, J.A. and R. Pfaff, 2003, The extraordinary thermal activity of the El Tatio Geysers, Antofagasta Province, Chile, *Transactions of the Geysir Observation and Study Association*, vol. 8.

Glennon, J.A. and C. Groves, 2002, An examination of perennial stream drainage patterns within the Mammoth Cave watershed. *Journal of Cave and Karst Studies*, vol. 64, pp. 82-91.

## Recent Professional Articles

Glennon, R.M., and J.A. Glennon, 2007, "Making Better Maps with ArcGIS 9.2." *ArcUser*, Summer (July-September) 2007, pp. 59-62.

Glennon, R.M., and J.A. Glennon, 2007, "Building a Groundwater Protection Model." in GIS Best Practices: GIS for Cave and Karst, pp. 37-49. Reprinted from *ArcUser*, Summer 2004.

## Invited Talks

Glennon, J.A. *Evolving Capabilities for Virtual Globes*, Invited talk for the session "Use of Virtual Globes in the Earth Science," American Geophysical Union Fall Meeting, San Francisco, December 2006.

Glennon, J.A. (Discussant), 2006, Sci Foo, Google, Mountain View, California, August 12-13, 2006.