

BRIAN L. CANTWELL

Ecological & Geographical Sciences
Environmental Science Division
Argonne National Laboratory

Education:

B.S. Southern Illinois University, Forestry, 1979

Professional Experience:

2001-Present GIS Programmer
Environmental Science Division
Argonne National Laboratory

Provides technical support and assistance to staff scientists in the application of geographic information systems. Develops and analyzes digital spatial database systems. Prepares computer-generated maps for environmental reports.

Summary of Previous Experience:

1996-2001 Rand McNally & Company, Skokie, Illinois

Researched and edited international and U.S. maps and atlases. Maintained geographic databases and analyzed and developed new data using relational database management systems and geographic information systems. Provided technical and conceptual support to the Director of Geomodeling in the development of a geographic entity management system.

1993-1996 Encyclopædia Britannica, Chicago, Illinois

Supervised geographic researchers and cartographers in the production of maps and atlases for print media, CD-ROMs, and the Internet.

1991-1993 American Map Corporation, Addison, Illinois

Researched and edited U.S. and Chicago-area road maps and atlases. Developed the company's indexing database and desktop publishing capabilities.

1980-1989 Defense Mapping Agency Hydrographic/Topographic Center,
Washington, District of Columbia

Researched, compiled, and edited nautical charts using conventional and digital methods. Visited contractor sites to review work. Wrote and maintained product specifications and provided liaison with the military user community.