

**Emily Ann Zvolanek**  
Ecological Risk and Restoration Team  
Environmental Science Division  
Argonne National Laboratory

**Education:**

B.S.                      Monmouth College, Environmental Science, 2006

**Professional Experience:**

2010-Present      GIS Analyst, Senior  
                            Environmental Science Division  
                            Argonne National Laboratory

Responsible for developing and analyzing spatial databases and preparing computer-generated maps in order to study the effects of existing and proposed human activities on natural and disturbed environments, human land use activities, socioeconomic conditions, and cultural resources for environmental reports and presentations.

Specific reports underway or recently completed include the *Programmatic Environmental Impact Statement for Solar Energy Development in Six Southwestern States*, the Water Demand for Power Production project, the Upper Great Plains Wind Programmatic EIS, Nuclear Regulatory Commission relicensing reports for several nuclear plants, the *Outer Continental Shelf Oil and Gas Leasing Program: 2012 – 2017 Draft Programmatic EIS*, the Uranium Leasing Program Programmatic EIS, the *Draft Programmatic Environmental Impact Statement and Possible Land Use Plan Amendments for Allocation of Oil Shale and Tar Sands Resources on Lands Administered by the Bureau of Land Management in Colorado, Utah, and Wyoming*, and *Energy Transport Corridors: The Potential Role of Federal Lands in States Identified by the Energy Policy Act of 2005, Section 368(b)*.

**Summary of Previous Experience:**

2007-2010              GIS Intern/Technician  
                            Village of Burr Ridge, Burr Ridge, IL

Responsible for obtaining, creating, and maintaining GIS data pertaining to the Village. Produced numerous maps for internal Village use, as well as zoning, pathway, and several other maps for public distribution. Implemented internal and public online interactive maps and subsequently trained Village staff in their use.

**Professional Activities:**

Member, Illinois GIS Association