

## **ROBERT G. SULLIVAN**

Ecological and Geographic Sciences Section  
Environmental Science Division  
Argonne National Laboratory

### **Education:**

M.L.A.            University of Illinois, Urbana, Landscape Architecture, 1988  
B.S.              University of Wisconsin – Madison, Agriculture, 1982

### **Professional Experience:**

2000-Present    Program Manager/Coordinator  
                         Environmental Science Division  
                         Argonne National Laboratory

Principal activity is the assessment of visual impacts of energy development activities on landscapes and seascapes. Assessments have examined the impacts of construction, operation, and decommissioning of electrical transmission lines and oil and gas pipelines, solar and wind energy development, oil shale and tar sands development, and offshore oil and gas development. Assessments include development of appropriate mitigation measures to avoid or reduce visual impacts from development.

Provide leadership for Environmental Data Management Initiative and project management for environmental data management and communication projects for U.S. Department of Energy (DOE), U.S. Department of Defense (DoD), U.S. Department of the Interior (DOI), and U.S. Department of Agriculture (USDA). Specific duties include: product design, project planning and management, technology evaluation and development, and strategic planning and marketing.

Act as design consultant, information architect, and project manager for public education and involvement web sites for environmental assessments and other DOE, DoD, DOI, USDA, and private sector projects. Evaluate and develop new technologies and systems for use in EVS Internet/Intranet applications and for improving internal process efficiency. Responsibilities include: technical direction, employee supervision, marketing, documentation, and training.

### **Summary of Previous Experience:**

1998-2000        Director, Internet Product Development  
                         Harris Interactive, Inc.

Designed and directed the development of Internet-based customer relationship management (CRM) systems for pharmaceutical and healthcare industries. Responsibilities included product design and development, project management, strategic planning and marketing. Managed internal and contractor-based development team.

1993-1996      Environmental Information Analyst, Energy Systems Division  
Argonne National Laboratory

Principal investigator/project manager for scientific communication and scientific visualization research for U.S. Army and utility industries environmental programs. Designed and implemented Internet World Wide Web sites for presentation of research activities and environmental programs. Produced and directed interactive multimedia CD-ROM applications for new technologies demonstration projects for U.S. Army environmental programs. Developed advanced scientific visualizations of geographic data for environmental planning programs for U.S. Army and gas utilities. Responsibilities included: technical direction, employee supervision, marketing, documentation and training.

1989-1993      Assistant Environmental Scientist, Energy Systems Division  
Argonne National Laboratory

Conducted basic and applied research to develop visual impact simulation applications and geographic visualization technologies for U.S. Army and gas industry. Received Army Federal Engineering Applications Program Award for development of visual impact simulation application. Developed technique for improving spatial accuracy of visual impact simulations through integrating of global positioning system (GPS) data with modeling software.

1989              Research Contractor  
U.S. Army Construction Engineering Research Laboratory

Conducted research to develop visual impact simulation applications for U.S. Army training installations, and geographic data visualizations for Army environmental programs.

### **Research Interests:**

Visual impact assessment and simulation. Use of advanced communication and visualization technologies for public information and involvement in the environmental decision-making process. Public communication and education strategies relating to climate change.

### **Professional Activities:**

Editor, *Chicago Wilderness Journal* 2003-2007  
Chair, Chicago Wilderness Climate Change Task Force 2007-2008  
Editor, *Chicago Wilderness Climate Change Task Force Newsletter* 2007-Present

### **Publications:**

Author or co-author of 45 journal articles, reports, and conference proceedings, five multimedia CD-ROMs, 35 World Wide Web sites.