

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

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

Act as design consultant, information architect, and project manager for public involvement web sites for NEPA activities and other DOE, DOI, and private sector projects. Evaluate and develop new technologies and systems for use in EAD Internet/Intranet applications and for improving internal process efficiency. Develop strategic and tactical marketing materials for EAD programs and projects.

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. These new products utilize the Web and e-mail for management of customer relationships to enhance customer loyalty and retention. 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 and demonstrate applications for image editing and geographic visualization technologies for U.S. Army and gas industry. Received Department of the Army Federal Engineering Applications Program Award for development of visual impact simulation application, currently in use at six major U.S. Army training installations. 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 basic and applied research to develop image editing applications for environmental management of U.S. Army training installations. Developed methods for visualization of geographic information systems data sets. Conducted applied research to develop visual impact simulation applications for U.S. Army environmental programs.

Research Interests:

Use of Internet and other advanced communication technologies for public information and involvement in the environmental decision-making process.

Development of visualization tools for presentation of environmental information.

Professional Activities:

Association of Internet Professionals

Publications:

Author or co-author of 40 journal articles, reports, and conference proceedings, five multimedia CD-ROMs, 17 World Wide Web sites.