

# John D. Evans

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- Objective** To build and marshal interoperable spatial information systems for inter-organizational management, planning, and policy.
- Experience**
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge, MA  
**Department of Urban Studies and Planning**
- *Postdoctoral Associate* (1997-1998)  
Creating interoperable data services to disseminate 35 Terabytes of digital orthophotos and farmland information to/from over 2,000 field offices of the US Department of Agriculture. Advise Department's reengineering team, and participate in the OpenGIS industry consortium.
  - *Research Assistant* (1987-1988, 1990-1993, 1995-1997)  
Designed, built, evaluated, implemented geographic data, tools, and Internet services for planning, teaching, research, and technology transfer to federal, state, and municipal agencies.
  - *Instructor* (1988-1994)  
Designed and taught graduate courses in data analysis, computer mapping, geographic information systems, relational databases, and Internet tools.
- WALLACE, FLOYD, ASSOCIATES - Architects and Planners** Boston, MA  
*GIS / Information Systems Specialist* (1995-1996)  
Developed procedures, standards, and systems to collect, integrate, and report municipal data for handicap access planning. Trained city staff; oversaw client / contractor relations.
- NATIONAL UNIVERSITY OF LA PLATA** La Plata, Argentina  
*GIS Consultant* (Summer 1995)  
Advised (in Spanish) civil engineers on data systems for infrastructure management.
- PLYMOUTH ROCK ASSURANCE CORP.** Boston, MA  
*Unix systems consultant* (1991, 1995)  
Studied Unix/Informix server performance. Advised hardware/software upgrade paths.
- WORLD BANK, Environment Division, Africa Technical Dept.** Washington, DC  
*Consultant* (1988-1989)  
Advised African governments and donors on remote sensing/land information strategies. Convened African experts workshop in Norway. Co-wrote World Bank Technical Paper.
- Education**
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge, MA  
**Ph.D., Information Systems in Planning, June 1997**  
Dissertation: *Infrastructures for sharing geographic information among environmental agencies*. Studied data sharing efforts in state, regional, federal agencies in WA, OR, ID, MT, IL, MI, MA, NH, ME, Ontario, and Nova Scotia. Built an interactive orthophoto service testbed (<http://ortho.mit.edu>) on the National Spatial Data Infrastructure.
- National Science Foundation Dissertation Grant, 1995-96.
  - Federal Geographic Data Committee Competitive-Cooperative Agreement, 1995-96.
  - Prior work in Information Systems and Environmental Management.
- B.S., Electrical Engineering and Computer Science, 1987**
- Proficiencies** Taught Arc/Info, ArcView, GRASS, Atlas\*GIS, and MapInfo GISs; Oracle, Informix, MS-Access, MS-FoxPro, and dBASE DBMSs; Excel, Lotus, etc. Some knowledge of Genasys and Sybase. Programmed in perl, C, Fortran, LISP, Unix shells, AML, HTML / CGI; now learning Java, MapBasic, Access Basic. Administered Unix (Solaris, Ultrix, AIX, etc.) and Windows 3/95/NT operating systems. Fluent in French; Spanish; some Arabic.