

Christopher J. Seeger, ASLA
146 College of Design, Iowa State University
Ames, IA 50011

EDUCATION

Master of Landscape Architecture, August 1997 - Iowa State University; Ames, Iowa

Thesis: *A World Wide Web Geographical Information System: Development of a Historical Photo Database for Shenandoah National Park Virginia*

Bachelor of Landscape Architecture, May 1995 - North Dakota State University; Fargo, North Dakota

Bachelor of Environmental Design, May 1995 - North Dakota State University; Fargo, North Dakota

PROFESSIONAL EXPERIENCE

Extension Landscape Architect and Assistant Professor - Iowa State University Department of Landscape Architecture, Ames, Iowa; August 2003 to Present.

Extension Specialist responsible for outreach and research projects involving park and recreational design as a component of healthy communities; development and delivery of Geographic Information System (GIS) solutions for public design participation and landscape visualization.

Assistant Professor providing introductory and advanced courses in the application of internet-based GIS and geospatial technologies in planning and design, public participation and citizen driven decision making.

Digital Design Consultant - LandViz•Media[®] L.L.C.; Boone, Iowa; August 2000 to Present

Co-Owner and Software Developer providing information design, multimedia and web media services.

Lecturer - Iowa State University Department of Landscape Architecture, Ames, IA; June 1999 to July 2003

Extension Program Specialist - Iowa State University Department of Landscape Architecture, Ames, Iowa; 1997 to 1999

GEOSPATIAL PROJECTS (current)

Legacy Planning Charrette: Lake Forest Park, Washington - Green Infrastructure Online Survey provided to citizens of Lake Forest Park to identify opportunities for parks, people places or habitat enhancements; connections between existing trails, schools and Town Center and important views and natural features. Online survey utilized Google Maps, KML data generated from ESRI ArcGIS and Open Source development tools. (Consultant to Jones and Jones Architects and Landscape Architects, Ltd.)

Group Input Mapping (GIM) Project – ISU Extension pilot project providing a mechanism for large group design, survey and inventory input . Incorporates Web 2.0 principles, Google tools (Earth/Maps/SketchUp/Picasa), customized scripting and LAMP server technologies.

Mapping the Barriers – Web application allows grass roots citizen participation to develop a geospatial database of environmental barriers in the community that may impact the physical activity levels and health of residents. The application allows for issue discussion and administrative monitoring by the site author and designated city official. Incorporates Google Maps and external data sources.

Safe Routes to Schools – Iowa DOT funded Geospatial Web 2.0 project that allows schools to collect information regarding how students walk/bike to school in an effort to create “Safer” Routes to Schools. Utilizes Google and ESRI Technologies for the mapping interface and geoprocessing/analysis of collected data.

PUBLICATIONS AND CONFERENCE PRESENTATIONS (selected)

"Mapping the Barriers: A Web Venue to Identify, Map and Discuss Social and Environmental Barriers Affecting the Health of a Community." URISA 2007 Annual Conference. Washington D.C. August 2007.

"PPGIS in County Fair and Park Planning: Integrating ArcGIS, Flash, PHP and MySQL." URISA 2007 Annual Conference. Washington D.C. August 2007.

"GPS and Physical Activity Monitors: Integrated Tools for Healthy Communities." 27th Annual ESRI International User Conference Proceedings, Redlands, California: Environmental Systems Research Institute, Inc. Paper #1579. San Diego. http://gis.esri.com/library/userconf/proc07/papers/papers/pap_1579.pdf. June 2007.

"Online GIS for Public Participation/Planning: Integrating ArcGIS, Flash, PHP and MySQL." 10th Biennial MidAmerica GIS Consortium (MAGIC) Symposium. Kansas City. April 2006.

"Public Participation GIS: Using Web-based Visual and Spatial Media to Enhance Public Participation." Upper Midwest Regional Planners Conference. Alexander, Minnesota. September 2005.

"Flash and Web Mapping." 7th Biennial GIS Conference: Iowa's GIS Roadmap: Work Zones, Speed Limits and Destinations. Presented August Iowa State University, Ames. August 2005.

"VaSS Builder: A Customizable Internet Tool for Community Planning and Design Participation." *Trends in Landscape Architecture: Online Landscape Architecture: Proceedings at Anhalt University of Applied Sciences*. Pages 111-120. Buhmann/von Haaren/Miller eds., Herbert Wichtmann Verlag, Hüthig GmbH & Co. KG, Heidelberg. 2005 (Presented May 2004, Dessau, Germany).

"Enhancing Online Public Participation with Visual and Spatial Media." American Society of Landscape Architects National Meeting: LandTech Seminars and Workshops. Salt Lake City. October 2004.

"Customizing and Building Your Own Public Participation and Planning Tools." Tools for Community Design and Decision Making – Working Session V: Information Technology in Action. <http://www.placematters.us/TCDDMV/Panels/index.php>. 2003. San Francisco. December 2003.

"Using Geographic Information, Multimedia and Landscape Modeling as Integrated Visualization Tools in Developing Highway Corridor Management Plans." *Trends in Landscape Architecture: Landscape Modeling, Digital Techniques for Landscape Architecture: Proceedings at Anhalt University of Applied Sciences*. Pages 123-129. Buhmann/Ervin eds., Herbert Wichtmann Verlag, Hüthig GmbH & Co. KG, Heidelberg. 2003. (Presented May 2003, Dessau, Germany).

"Identifying the Image of Iowa along Interstate 80: A Method to Increase Public Participation." *22nd Annual ESRI International User Conference Proceedings*, Redlands, California: Environmental Systems Research Institute, Inc. Paper #687. <http://gis.esri.com/library/userconf/proc02/pap0687/p0687.htm>. San Diego. 2002. July 2002.

"Digital Charrette." American Society of Landscape Architects National Meeting: LandTech Seminars and Workshops. St. Louis. Co-writer: Chris Wall. October 2000.

"Landscape Architecture Extension: Internet Technologies for Community Outreach". Design Communication Association National Biennial Conference. Co-writer: Julia Badenhope. January 1998.