

Timothy L. Nyerges

Department of Geography, U of Washington, (206) 543-5296 (Tel. office)
Box 353550, Seattle, WA 98195 (206) 543-3313 (fax)
USA nyerges@u.washington.edu (email)
<http://faculty.washington.edu/nyerges> (WWW)

Professional Preparation

1974-1975 B.A. Geography with Distinction, Ohio State University, economic geography.
1975-1976 M.A. Geography, Ohio State University, urban and cognitive geography.
1977-1980 Ph.D. Geography, Ohio State University, geographic information systems.

Appointments

9/85 - present Asst, Assoc, Full Prof, Dept of Geography, U of Washington, Seattle, WA 98195
9/00 - present Affiliate Professor, Water Resources Center, U of Washington, Seattle, WA 98195
3/83 - 8/85. Digital Mapping and GIS Consultant for national and international companies
7/80 - 1/83. Software Project Manager, Synercom Technology, Inc., Sugar Land TX

Publications Related to Current Research Focus

- T. Nyerges and M. Patrick, 2007. Rethinking Public Participation as Instant Access to Virtual Meetings, in H. Miller (ed.) *Societies and Cities in the Age of Instant Access*, Dordrecht, Springer, 331-342.
- T. Nyerges, K. Ramsey, and M. Wilson, 2006. Design Considerations for an Internet Portal to Support Public Participation in Transportation Improvement Decision Making, in Shivanand Balram and Suzana Dragicevic (eds.) *Collaborative Geographic Information Systems*, Idea Publishing, Hershey PA, pp. 208-230.
- T. Nyerges, P. Jankowski, D. Tuthill, K. Ramsey. 2006. Collaborative Water Resource Decision Making: Results of a Field Experiment, *Annals of the Association of American Geographers*, 96(4):699-725
- P. Jankowski, T. Nyerges, D. Tuthill, K. Ramsey. 2006 Design Considerations for Collaborative, Spatio-Temporal Decision Support Systems, *Transactions in GIS*, 10(3): 335-354
- T. Nyerges and P. Jankowski, 2006. Participatory Geographic Information Science, in Ari-Veikko Anttiroiko and Matti Malkia (eds.) *Encyclopedia of Digital Government*, Idea Group Inc, v. III, 1314-1318
- C. Drew, T. Nyerges, and T. Leschine, 2004. Promoting Transparency of Long-term Environmental Decisions: the Hanford Decision Mapping Project, *Risk Analysis*, 24(6):1641-1664.
- C. Drew and T. Nyerges, 2004. Transparency of Environmental Decision Making: A Case Study of Soil Cleanup Inside the Hanford 100 Area, *Journal of Risk Research*, 7(1):33-71.
- P. Jankowski and T. Nyerges. 2003. Towards a Framework for Research on Geographic Information-Supported Participatory Decision Making, *Urban and Regional Information Systems Journal*, vol. 15, pp. 9-17 (<http://www.urisa.org/Journal/APANo1/JrnlContents15-APA1.htm>).
- T. Nyerges, P. Jankowski, and C. Drew, 2002. Data Gathering Strategies for Social-Behaviour Research about Participatory Geographic Information System Use, *International Journal of Geographical Information Science*, 16(1):1-22
- T. Nyerges, T J Moore, R. Montejano, M. Compton, 1998. Interaction Coding Systems for Studying the Use of Groupware, *Journal of Human-Computer Interaction*, 13(2):127-165.
- T. Nyerges, M Robkin, T. J. Moore, 1997. Geographic Information Systems for Risk Evaluation: Applications in Environmental Health. special issue of *Cartography and Geographic Information Systems* entitled GIS and Risk Assessment, July, 1997, 24(3):123-144.

Synergistic Activities

- PI** Geospatial Decision Support Tools for Coastal Resource Management: Vulnerability Mapping of Regional Climate Variability and Change Impacts to Coastal Oregon, NOAA Sectoral Applications Research Program, August 1, 2007 – July 31, 2009. \$287,113
- PI** An Internet Platform To Support Public Participation In Transportation Decision Making, National Science Foundation, Division Of Experimental & Integrative Activity, Information Technology Research Program, Digital Government Program, Sept 1, 2003 – Aug 31, 2008. \$2,682,000.

PI Information Technology for Student-directed Research Teams, Student Technology Fee Proposal Competition, University of Washington, 3/03 – 2/04. \$17,000

Co-PI. A Study of Geographic Information Technology Use in Collaborative Water Resource Planning. NSF Geography and Regional Science Program and Decision, Risk, and Management Sciences Program, with Piotr Jankowski, PI, Geography, University of Idaho. 8/1 – 7/04. \$150,000

PI Collaborative Spatial Decision Making Using Geographic Information Technology and Multicriteria Decision Models. NSF, Social and Behavioral Sciences Division, Geography and Regional Science Program, Decision Risk and Management Sciences, 9/94 – 8/98, \$186,000.

Editorial Board - Current only, *Intl J of Geographic Information Science*, *Annals of the Association of American Geographers*, *Intelligent Decision Technologies*

Chair, Research Committee, University Consortium for Geographic Information Science

Member, Association for Computing Machinery, Computer-Human Interaction Specialty Group

Member, Urban And Regional Information Systems Association

Member, Past Chair, Past Board of Dir, GIS Specialty Group, Assoc of American Geographers

Past Member of Steering Committee, National Committee for Digital Cartographic Data Standards

Past Chair, Subcommittee on Data Transfer, National Comm for Digital Cartographic Data Standards

Past Director, American Cartographic Association, American Congress on Surveying and Mapping

Past Board of Director, Northwest Computer-aided Mapping Association

Collaborators & Other Affiliations

Recent Collaborators (last 5 years)

Terry Brooks, Information School, UW; Helen Couclelis, Geography, Univ of CA Santa Barbara; Christina Drew, Environmental Health and Geography, UW; Elaine Faustman, Environmental Health, UW; Richard Fenske, Environmental Health, UW; Piotr Jankowski, Geography, San Diego State University; Joel Kaufmann, Environmental Health, UW; Nina Lam, Geography, Louisiana State University; Robert McMaster, Geography, Univ of Minnesota; Douglas Mercer, Geography, UW; Kathy Newman, Geography, Rutgers University; Myron Orfiled, State Senate, Minnesota; John Pickles, Geography, University of North Carolina; G. Scott Rutherford, Civil Engineering, UW; Dennis Ryan, Community and Environmental Planning, UW; Daniel Sui, Geography, Texas A&M University; David Tuthill, Idaho Dept of Water Resources; Michael Yost, Environmental Health, UW; Paul Waddell, Evans School of Public Affairs, UW; John Wilson, Geography, Univ of Southern California; Rhonda Young, Architecture and Civil Engineering, University of Wyoming

Graduate Advisors

Lawrence Brown, Ohio State University; Reginald Golledge, U C Santa Barbara; Harold Moellering, Ohio State University; John Rayner, Ohio State University

Graduate Student Advisee Completions – 15 graduate student degrees over the last 5 years

Masters: Joshua Newell, Committee Member – 2002; Kevin Ramsey, Committee Chair – 2004; Randy Boshart, Civil and Enviro. Engr, Committee Member – 2005; Matthew Wilson, Committee Chair – 2005; Cale Berkey, Comm Chair – 2006; David Moore, Committee Member – 2007; Michalis Avraam, Committee Chair – 2007; **Ph.D.:** Christina Drew, Comm. Chair – 2002; Charles Hendricksen, Comm Chair – 2002; Nicholas Hedley, Comm. Chair – 2003; James Peet, Comm. Chair – 2003; Scott Miles, Committee Chair – 2004, Enru Wang, Committee Member – 2005, Ruth Fruland, Committee Member – 2006, Jie Wu, Comm Chair – 2007