

UC Santa Barbara

Specialist Research Meetings—Papers and Reports

Title

Linked Index to NCGIA-Varenius Meeting Resources in GIScience—Reports & Position Papers (1988–2008)

Permalink

<https://escholarship.org/uc/item/6h04t5nj>

Author

National Center for Geographic Information and Analysis (UC Santa Barbara, SUNY at Buffalo, University of Maine)

Publication Date

2015

Linked Index to e-scholarship Resources from Specialist Research Meetings, Workshops, and Conferences Hosted and Sponsored by NCGIA

Download this index to link directly to reports, position papers, and selected presentations associated with NCGIA Events (1988–2008)

The index cross-references resources published in multiple series at http://escholarship.org/uc/spatial_ucsb_ncgia

[89-1: Accuracy of Spatial Databases: Initiative 1 Specialist Meeting Report](#), compiled by Michael F. Goodchild, UCSB, summarizes the goals of Initiative 1, plus a list of feasible research topics. Abstracts of 32 papers presented are also included. An edited volume of selected papers from the meeting has been published elsewhere.

[89-2A: Language of Spatial Relations: Researchable Questions & NCGIA Research Agenda](#), compiled and edited by David M. Mark, SUNY-Buffalo, summarizes the researchable questions that arose from Initiative 2 Specialist Meeting.

[89-3: Multiple Representations: Initiative 3 Specialist Meeting Report](#), compiled by Barbara P. Battenfield, SUNY-Buffalo, outlines the research issues that were identified at the Initiative 3 Specialist Meeting. Such issues as digital feature recognition and linking database resolutions are discussed.

[89-6: Use and Value of Geographic Information: Initiative 4 Specialist Meeting Summary Report](#), compiled and edited by Harlan J. Onsrud and Nancy J. Obermeyer, U. Maine; and Hugh W. Calkins, SUNY-Buffalo, includes goals, meeting format, research agenda, and summaries of presentations for the Initiative 4 Specialist Meeting.

[89-7: Use and Value of Geographic Information: Initiative 4 Specialist Meeting Summary Report and Proceedings](#), compiled and edited by Harlan J. Onsrud and Nancy J. Obermeyer, U. Maine; and Hugh W. Calkins, SUNY-Buffalo, includes text of 89-6 plus position papers presented and discussed at the Initiative 4 meeting.

[89-13: Research Initiative 5: Very Large Spatial Databases: Report on the Specialist Meeting](#), edited by Terence R. Smith, UCSB; and Andrew U. Frank, U. Maine, summarizes the discussions that took place at Initiative 5 Specialist Meeting.

[89-14: Spatial Relations Representation and Locative Phase Generation in a Map Context](#), by Susan M. Haller, SUNY-Buffalo, research report connected with Initiative 2: "Languages of Spatial Relations."

[90-5: Research Initiative 6: Spatial Decision Support Systems: Scientific Report for the Specialist Meeting](#), by Paul J. Densham, SUNY-Buffalo; and Michael F. Goodchild, UCSB, includes goals, meeting format, research agenda and position papers from participants.

[91-4: Temporal Relations in Geographic Information Systems: A Workshop at the University of Maine, Orono, October 12-13, 1990](#), by Renato Barrera, Andrew Frank and Khaled Al-Taha, U. Maine, proposes a model of time useful in analysis of temporal accuracy of geographic information.

[91-26: Initiative 7 Specialist Meeting: Visualization of Spatial Data Quality](#), by Kate M. Beard and Sarah Clapham, U. Maine; and Barbara P. Battenfield, SUNY-Buffalo, summarizes the Specialist Meeting discussions and development of research topics.

[92-3: User Interfaces for Geographic Information Systems: Report on the Initiative 13 Specialist Meeting](#), edited by David M. Mark, SUNY-Buffalo, and Andrew U. Frank, U. Maine , contains an account of discussions at the Specialist Meeting; the research agenda for the topic; and the position papers circulated at the meeting.

[92-5: Initiative 9: Report for the Specialist Meeting: Institutions Sharing Geographic Information](#), compiled and edited by Harlan Onsrud, U. Maine, and Gerard Rushton, SDSU , includes purpose and scope of the Initiative, abstracts of presentations made at the Specialist Meeting, and recommendations for research in sharing geographic information.

[92-11: GIS and Spatial Analysis: Initiative 14 Specialist Meeting Report](#), compiled by Stewart Fotheringham and Peter Rogerson, SUNY-Buffalo, summarizes the discussion and outlines the research agenda.

[95-10: Research Initiative 15: Multiple Roles for GIS in US Global Change Research](#), Report of the First Specialist Meeting, Santa Barbara, compiled and edited by Michael Goodchild and John E. Estes, UCSB; Kate Beard, U. Maine; Tim Foresman, U. Maryland Baltimore County, Jenny Robinson, SUNY-Buffalo and Kenneth McGwire, Desert Research Institute, summarizes the Specialist Meeting discussions and provides a synthesis of emerging research topics and activities.

[95-15: NCGIA Research Initiative 8 Formalizing Cartographic Knowledge: Scientific Report for the Specialist Meeting](#), by Barbara P. Battenfield, U. Colorado, and Catherine Dibble, UCSB, summarizes the meeting discussions and lays out an international research agenda.

[96-5: Research Initiative 15: Multiple Roles for GIS in US Global Change Research](#) - Report of the Second Specialist Meeting, by Michael F. Goodchild and John E. Estes, UCSB, Kate Beard, U Maine, and Tim Foresman, U Maryland-Baltimore County, summarizes the informal presentations and discussions held on advanced geographic data models for global change research and the meeting's conclusions.

[96-7: GIS and Society: The Social Implications of How People, Space, and Environment are Represented in GIS](#) - Scientific Report for the Initiative 19 Specialist Meeting, by Trevor Harris and Daniel Weiner, West Virginia U, summarizes the meeting discussions and outlines four continuing research projects.

[96-9: Conference on Object Orientation and Navigable Databases: Report of the Meeting](#), by Richard Church, Thomas Cova and Michael Goodchild, UCSB, and Ramez Gerges, Caltrans, reports on the conference objectives, discussion and conclusions. Includes a participants' list and background papers presented.

[96-10: Spatial Technologies, Geographic Information, and the City](#), compiled by Helen Couclelis, UCSB, is a research conference report, includes an outline for a national research agenda.

National Center for Geographic Information and Analysis: [Third International Conference/Workshop on Integrating GIS and Environmental Modeling](#), 1996.

National Center for Geographic Information and Analysis; California Geographic Information Association: [California GIS Educators' Symposium: Participants, Summary Discussion and Agenda](#), 1996.

National Center for Geographic Information and Analysis; National Council for Geographic Education (NCGE); Technical Education Research Centers (TERC): [GIS in the K-12 Classroom: Research Agenda from EDGIS '96](#), 1996.

World Computer Graphics Foundation; Towson State University; National Center for Geographic Information and Analysis: [Second International Symposium on GIS in Higher Education](#), 1996.

97-2: Formal Models of Commonsense Geographic Worlds: Report on the Specialist Meeting of Research Initiative 21, by David M. Mark, SUNY-Buffalo, and Max J. Egenhofer and Kathleen Hornsby, U Maine, documents the discussions held during the meeting in San Marcos TX, 30 Oct-3 Nov, 1996. It includes a set of researchable questions that forms the basis for future research in this area.

97-3: Report on the ICA Workshop on Map Generalization, by William A. Mackaness, U Edinburgh, Robert Weibel, U Zurich, and Barbara P. Battenfield, U Colorado, reports on the discussions and key findings of a workshop held in Gävle Sweden, 19-21 June 1997. Discussion focused on impediments to automated map generalization, the current state of knowledge and progress on specific problem areas.

Towson State University; National Center for Geographic Information and Analysis (UCSB): [Third International Symposium on GIS and Higher Education](#), 1997.

Towson State University; National Center for Geographic Information and Analysis (UCSB): [Third International Symposium on GIS in Higher Education, Program flier](#), 1997.

National Center for Geographic Information and Analysis; USGS: [Land Use Modeling Workshop](#), 1997.

Kemp, Karen K.; Reeve, Derek E.; Heywood, D. Ian: [Report of the International Workshop on Interoperability for GIScience Education](#), 1998.

Janelle, Donald G.; Hodge, David C.: [Measuring and Representing Accessibility in the Information Age, Final Report](#), 1999.

National Center for Geographic Information and Analysis: [International Conference on Discrete Global Grids](#), 2000.

National Center for Geographic Information and Analysis: [Workshop in Landscape Change: Final Report](#), 2001.

National Center for Geographic Information and Analysis: [Workshop in Landscape Change: Proposal, Agenda, and Position Papers](#), 2001.

Goodchild, Michael F.; Kyriakidis, Phaedon; Rice, Matt; Schneider, Phillip: [Spatial Webs, Final Report and Position Papers](#), 2005.

Goodchild, Michael; Hill, Linda L.: [Digital Gazetteer & Practice Workshop, Summary Report](#), 2006.

National Center for Geographic Information and Analysis (UC Santa Barbara): [Digital Gazetteer Research & Practice Workshop, Position Papers](#), 2006.

National Center for Geographic Information and Analysis (NCGIA, UC Santa Barbara); Los Alamos National Laboratory; Army Research Office; The Vespucci Initiative: [Volunteered Geographic Information, Introduction and Position Papers](#), 2007.

National Center for Geographic Information and Analysis, UCSB; Center for Advanced Spatial Analysis, University College London: [Agent-Based Modeling of Complex Spatial Systems](#), 2007.

Center for Spatial Studies, UCSB; National Center for Geographical Information and Analysis; Esri: [Spatial Concepts in GIS and Design, Position Papers](#), 2008.

National Center for Geographic Information and Analysis; Center for Spatial Studies, UCSB: [International Symposium on Geographic Information Science. Twentieth Anniversary of NCGIA](#), 2008.

Additional specialist meeting resources (findings, white papers, reports, presentations, and position papers) in **GIScience**, **Spatially Integrated Social Science**, and **Spatial Thinking** may be accessed at the following NCGIA-affiliated e-scholarship sites:

[Center for Spatially Integrated Social Science \(UCSB\)](#), 2000-2006

[Center for Spatial Studies \(UCSB\)](#), 2007–present