

David M. Mark

Biographical Sketch and Recent Publications

David M. Mark is Professor of Geography at the State University of New York at Buffalo (UB). He has been a Research Scientist with the National Center for Geographic Information and Analysis (NCGIA) since its inception, and since 1995 has been Director of the Buffalo NCGIA site. Mark chaired the NCGIA's Science Policy Committee from 1990 to 1993, and has been co-leader of three NCGIA research initiatives, most recently Initiative 21, "Formal Models of Common-Sense Geographic Worlds." In the NCGIA's Varenus project, Mark chaired the panel on cognitive models of geographic space, and is a member of the executive committee. He also is a member of UB's Center for Cognitive Science.

Mark completed his Ph.D. in Geography at Simon Fraser University (Burnaby, Canada) in 1977, and joined the University at Buffalo in 1981. David Mark has written or co-authored more than 200 publications, including 76 refereed articles, 3 edited books, 20 book chapters, 64 conference proceedings articles, and 27 technical reports. He has made about 160 academic presentations at professional meetings or at universities and government agencies. Also, he has supervised 8 Ph.D.s and 30 Master's degrees to completion, and has been awarded 19 external research grants.

After serving a year on its Board and chairing its Research Committee, in 1996 Mark was elected Vice-President of the University Consortium for Geographic Information Science (UCGIS), and served as President for 1997-98. Previously, Mark served as Vice-chair (1987-88) and Chair (1988-89) of the Geographic Information Systems Specialty Group of the Association of American Geographers; Chair of the Technology Interest Group, Canadian Cartographic Association (1987-89); Member of the Steering Committees for GIS/LIS '88 and GIS/LIS '89; Member of the Program Committees for the Fifth (1992) and Sixth (1994) International Symposia on Spatial Data Handling; Co-Chair (Auto Carto 10, 1991) and Member (Auto Carto 11, 1993) for the International Symposia on Automated Cartography; and Co-Chair for all three Conferences on Spatial Information Theory (COSIT'93, Italy; COSIT'95, Austria; COSIT'97, Pennsylvania). He has served on the Editorial Boards of *The American Cartographer* (1987-1990), *Geographical Analysis* (1987-1990), *Cartography and Geographic Information Systems* (1990-present), *International Journal of Geographical Information Systems* (1990-1995), and *Annals, Association of American Geographers* (1997-[present]), and on two advisory panels at the National Science Foundation (Biological Facilities Centers panel, 1987-1990; Geography and Regional Science panel, 1989-1991). Mark was a Visiting Scientist at the CSIRO Division of Information Technology in Canberra, Australia, June-August 1983 and again August-November 1988. His research interests include spatial cognition, geographic information systems, cognitive linguistics, human-computer interaction, digital elevation models, and computer mapping.]

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