

## Biographical Sketch Stephen C. Guptill

Stephen Guptill is a Senior Research Physical Scientist at the U.S. Geological Survey. Guptill is internationally recognized for his contributions dealing with geographical information science. Currently he is directing the Center of Excellence for Geospatial Information Science which was established within the USGS Geospatial Information Office in 2006. In recent years he also has been conducting spatial analysis research with colleagues from the Centers for Disease Control and Prevention to determine the environmental influences on emerging zoonotic and vector borne diseases.

Guptill received a Ph.D. (1975) and M.A. (1974) in Geography, from The University of Michigan, Ann Arbor, Michigan and a B.A. (1972) in Chemistry and Geography, from Bucknell University, Lewisburg, Pennsylvania.

Guptill is a member of the Editorial Boards of the *International Journal of Geographical Information Science (IJGIS)* and *Cartography and Geographic Information Systems*. He serves as a member of the Steering Committee for the National Consortium on Remote Sensing in Transportation. In addition, he served as the Department of Interior member on the National Science and Technology Council Subcommittee on Health and the Environment.

From 1991 – 1999, Guptill served as executive secretary of the International Cartographic Association Commission on Spatial Data Quality. He was president of the American Cartographic Association, ACSM in 1994. From 1990 – 1992 he served as the North American Editor of *IJGIS*. He chaired the Standards Working Group, Federal Geographic Data Committee from 1991 – 1994 and led the development of the FGDC Content Standards for Digital Geospatial Metadata.

Guptill began his career with the Geological Survey in 1975 and he received the Department of Interior Meritorious Service Award in 1993. He is a Fellow of the American Congress on Surveying and Mapping, Fellow of the Cartography and Geographic Information Society, and is listed in *Who's Who in the World*, *Who's Who in Science and Engineering*, *Who's Who in Medicine and Healthcare*, and *Dictionary of International Biography*.

Guptill is co-author of *Elements of Cartography*, 6th Edition, and co-editor/author of *Elements of Spatial Data Quality*. He has written over 80 articles and papers appearing in the natural science and public health literature.

### Contact information:

U.S. Geological Survey  
MS 810, National Center  
Reston, VA 20192  
phone: +1 703 648 4520  
mobile: +1 703 608 3664  
fax: +1 703 648 4603  
email: [sguptill@usgs.gov](mailto:sguptill@usgs.gov)