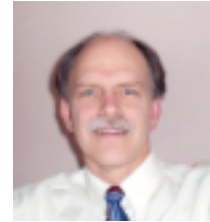


## HARLAN ONSRUD

Department of Spatial Information Science and Engineering and  
National Center for Geographic Information and Analysis  
5711 Boardman Hall, Rm. 340  
University of Maine  
Orono, Maine 04469-5711  
Phone (207) 581-2175 FAX (207)581-2206  
E-Mail: onsrud@spatial.maine.edu  
URL: www.spatial.maine.edu/~onsrud



---

## ACADEMIC INTERESTS AND BACKGROUND

Dr. Harlan J. Onsrud is Professor in the Department of Spatial Information Science and Engineering at the University of Maine and a research scientist with the National Center for Geographic Information and Analysis (NCGIA) in the United States. Professor Onsrud's research focuses on the analysis of legal, ethical, and institutional issues affecting the creation and use of digital databases and the assessment of the social impacts of spatial technologies. He is president-elect of the Global Spatial Data Infrastructure Association (GSDI), past-president of the University Consortium for Geographic Information Science (UCGIS), and past Chair of the U.S. National Committee (USNC) on Data for Science and Technology (CODATA) of the National Research Council. He recently chaired a U.S. National Research Council Study on the Licensing of Spatial Data and Services and is a lifetime National Associate of the U.S. National Academies of Sciences. He is a licensed engineer, land surveyor and attorney. Current and past research projects have been funded by the National Science Foundation, the National Geospatial-Intelligence Agency, the Federal Geographic Data Committee, and the U.S. Department of Education.

## TEACHING

Professor Onsrud teaches courses in Information Systems Law, Information Ethics, Cadastral and Land Information Systems, and Research Ethics.

## SAMPLE PUBLICATIONS

- Onsrud, H., B. Poore, R. Rugg, R. Taupier, and L. Wiggins, 2004, The Future of the Spatial Information Infrastructure. In McMaster, Robert B. and E. Lynn Usery, (Eds.), *A Research Agenda for Geographic Information Science* (Boca Raton: CRC Press), 225-255
- Onsrud, H.J., 2004, Geographic Information Legal Issues, *Encyclopedia of Life Support Systems (EOLSS)*, Developed under the auspices of the UNESCO, EOLSS Publishers, Oxford, UK, [<http://www.eolss.net>]
- Committee on Licensing Geographic Data and Services, 2004, *Licensing Geographic Data and Services* (Washington D.C: National Academies Press) <http://books.nap.edu/catalog/11079.html>
- Onsrud, Harlan, 2004, Overview of Open-Access and Public-Commons Initiatives in the United States, In Esanu, J. and P. Uhler, (Eds.), *Open Access and the Public Domain in Digital Data and Information for Science: Proceedings of an International Symposium* (Washington D.C: National Academies Press), 114-118 <http://books.nap.edu/catalog/11030.html>
- Onsrud, H.J., 2003, Access to Geographic Information: Openness versus Security. In Cutter, S., D. Richardson and T. Wilbanks (Eds.), *Geographic Dimensions of Terrorism* (Routledge). 207-213

- Onsrud, Harlan, 2003, Emerging Models for Maintaining Scientific Data in the Public Domain, In Esanu, J. and P. Uhlir, (Eds.), *The Role of Scientific and Technical Data and Information in the Public Domain* (Washington D.C: National Academies Press), 180-186  
<http://books.nap.edu/catalog/10785.html>
- Maurer, S., P.B. Hugenholtz, and H. Onsrud, 2001, Europe's Database Experiment, *Science*, 294: 789-790, 26 Oct 2001.
- Onsrud, H.J., 2000, Loss of Legal Access to Geographic Information: Measuring Losses or Developing Responses? In Janelle, D.G. and D. Hodge (Eds.), *Information, Place and Cyberspace: Issues in Accessibility* (Berlin and Heidelberg: Springer-Verlag) Based on <http://www.artsci.washington.edu/varenius/> 1998
- Onsrud, H.J., 1999, Liability in the Use of Geographic Systems and Geographic Data Sets. In Macquire, Goodchild, Rhind, and Longley, (Eds.), *Geographic Information Systems: Principles, Techniques, Management, and Applications* (New York: Wiley).
- Committee for a Study on Promoting Access to Scientific and Technical Data for the Public Interest, 1999, *A Question of Balance: Private Rights and the Public Interest in Scientific and Technical Databases* (Washington D.C: National Academies Press)  
<http://books.nap.edu/catalog/9692.html>
- Panel on Distributed Geolibraries, 1999, Distributed Geolibraries: Spatial Resources, Summary of a Workshop (Washington D.C: National Academies Press) <http://books.nap.edu/catalog/9460.html>
- Onsrud, H.J., 1998, The Tragedy of the Information Commons. In Taylor, F. (Ed.), *Policy Issues in Modern Cartography* (Oxford: Elsevier Science) 141-158.
- Onsrud, H.J. and X. Lopez, 1998, Intellectual Property Rights in Disseminating Digital Geographic Data, Products, and Services: Conflicts and Commonalities among European Union and United States Approaches. In Masser, Ian and Francois Salge, (Eds.), *European Geographic Information Infrastructures: Opportunities and Pitfalls* (London: Taylor and Francis) 153-167.
- Onsrud, H.J., 1998, Access to Geographic Information in the United States. Free accessibility of geo-information in the Netherlands, the United States, and the European Community, Proceedings, Oct 2., Delft, Netherlands, 33-41.
- Onsrud, H.J., 1998, Balancing Intellectual Property Rights and Public Goods Interests in Geolibraries. Fédération Internationales des Géomètres (FIG), Brighton England, July 25, 1998, 3, 222-226.
- Onsrud, H.J., J. Johnson, and X. Lopez, 1994, Protecting Personal Privacy in Using Geographic Information Systems. *Photogrammetric Engineering and Remote Sensing*, LX(9), 1083-1095 (ESRI Award for Best Scientific Article in the Journal - 1994).

## RECENT FUNDED PROJECTS

*Public Commons for Geographic Data*, FGDC/NURI  
*Global Survey and Analysis of National Spatial Data Infrastructure Activities*, FGDC/NURI  
*Workshop on Location Privacy: Autonomy as a Driver of Design*, NGA  
 Workshop on Access and Participatory Approaches in Using Geographic Information, NSF/ESF

## SAMPLE THESES TOPICS OF GRADUATE STUDENTS

*Property Rights for Development*, Ph.D. Thesis, Bayer, Thom Charles (in progress)  
*Commons Approaches to the Production and Support of Geographic Data and Services*, Ph.D. Thesis, Campbell, James (in progress)  
*Spatial Aspects of Metaphors for Information: Implications for Polycentric System Design*, Ph.D. Thesis, Schroeder, Paul, 2003  
*The Impact of Government Information Policy on the Dissemination of Spatial Data; A North American - European Comparative Study*, Ph.D. Thesis, Lopex, Xavier, 1996  
*Protecting Personal Privacy in the Use of RFID Technology*, M.S. Thesis, E. Hedefine, (in progress)