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Bøker

Ballas, Dimitris., Clarke, Graham., Franklin, Racher S. and Newing, Andy. 2018. GIS and the social sciences: Theory and applications. Routledge: Abington.

Chapters 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14

Jensen, John R. and Ryan R. Jensen. 2013. Introductory Geographic Information Systems. Pearson: London. Chapters. 1, 2, 3, 4, 5, 6, 7, 8, 10

E-artikler

@ Anselin, Luc and Arthur Getis. 1992. Spatial statistical analysis and geographic information systems. The Annals of Regional Science. 26(1): 19-33.

@ Awange, Joseph L. and Kyalo Kiema, John B. 2013a. Input of GIS Data. In: Environmental Geoinformatics: Monitoring and Management. Springer: Berlin, Heidelberg. 207-213.

@ Awange, Joseph L. and Kyalo Kiema, John B. 2013b. Spatial Analysis. In: Environmental Geoinformatics: Monitoring and Management. Springer: Berlin, Heidelberg. 225-236.

@ Barlindhaug, Stine. 2012. Mapping complexity. Archaeological sites and historic land use extent in a Sami community in Arctic Norway. Fennoscandia Archaeologica. 29: 105-124.

@ Brewer, Cynthia A. 2006. Basic mapping principles for visualizing cancer data using geographic information systems (GIS). American journal of preventive medicine, 30(2): 25-36.

@ Chang, Kang-Tsung. 2019. Geographic Information System. In: International Encyclopedia of Geography: People, the Earth, Environment and Technology. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.

- @ DeMers, Michael N. 2017. *Cartesian Coordinate Systems*. In: International Encyclopedia of Geography: People, the Earth, Environment and Technology. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.
- @ Girres, Jean-François and Touya, Guillaume. 2010. Quality assessment of the French OpenStreetMap dataset. *Transactions in GIS*. 14(4): 435-459.
- @ Goodchild, Michael F. 2011. Scale in GIS: An overview. *Geomorphology*, 130(1): 5-9.
- @ Goodchild, Michael F. 2015. Two decades on: Critical GIScience since 1993. *The Canadian Geographer*, 59(1): 3-11.
- @ Hunter, Andrew J. S. 2017. Surveying. In: International Encyclopedia of Geography: People, the Earth, Environment and Technology. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.
- @ Kakembo, Vincent and van Niekerk, S. 2014. The integration of GIS into demographic surveying of informal settlements: The case of Nelson Mandela Bay Municipality, South Africa. *Habitat International*, 44: 451-460.
- @ Kent, Robert B. and Klosterman, Richard E. 2000. GIS and Mapping. *Journal of the American Planning Association*, 66(2): 189-198.
- @ Kessler, Fritz C. 2017. Projections. In: International Encyclopedia of Human Geography. Eds. R. Kitchin, N. Thrift.
- @ Kraak, Menno-Jan. 2017. Cartographic design. In: The International Encyclopedia of Geography. Eds. R. Kitchin, N. Thrift.
- @ Leszczynski, Agnieszka and Elwood, Sarah. 2015. Feminist geographies of new spatial media. *The Canadian Geographer*. 59(1): 12-28.
- @ Liu, Zhizhao, Chen, Biyan and Zhang, Bao. 2017. Global Navigation Satellite Systems. In: International Encyclopedia of Geography: People, the Earth, Environment and Technology. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.
- @ Mennis, Jeremy. 2017. Data Structure, Raster. In: International Encyclopedia of Geography: People, the Earth, Environment and Technology. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.
- @ Monmonier, Mark. 2017. Cartography: history. The International Encyclopedia of Geography. Eds. R. Kitchin, N. Thrift.
- @ Nightingale, A. J. 2003. A feminist in the forest: Situated knowledges and mixing methods in natural resource management. *ACME: An International E-Journal for Critical Geographies*, 2(1): 77-90.

- @ Pavlovskaya, Marianna. 2009. Non-quantitative GIS. In: Qualitative GIS: A Mixed Methods Approach. Ed. M. Cope and S. Elwood. SAGE: London. 13-37.
- @ Schuurman, Nadine. 2000. Trouble in the heartland: GIS and its critics in the 1990s. *Progress in Human Geography*, 24: 569-590.
- @ Scott, Lauren M. and Janikas, Mark V. 2010. Spatial statistics in ArcGIS. In: *Handbook of applied spatial analysis*. Berlin, Heidelberg: Springer. 27-41.
- @ Skog, Kristine Lien and Steinnes, Margrete. 2016. How do centrality, population growth and urban sprawl impact farmland conversion in Norway? *Land use policy*. 59: 185-196.
- @ Steinberg, Stephen J. and Sheila L. Steinberg. 2006. Research Design. In: *GIS: Geographic Information Systems for the Social Sciences: Investigating Space and Place*. London: Sage. 51-76.
- @ Sui, Daniel Z. 2011. Legal and ethical issues of using geospatial technologies in society. In: *The SAGE handbook of GIS and society*. Nyerges, T., Couclelis, H., & McMaster, R. London: SAGE Publications. 504-528.
- @ Unwin, David J. 1995. Geographical information systems and the problem of 'error and uncertainty'. *Progress in Human Geography*, 19(4): 549-558.
- @ Waters, Nigel. 2018. GIS: History. In: *International Encyclopedia of Geography: People, the Earth, Environment and Technology*. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.
- @ Wilson, Matthew W. 2012. Location-based services, conspicuous mobility, and the location-aware future. *Geoforum*, 43: 1266-1275.
- @ Wong, David. 2009. Modifiable Areal Unit Problem. In: *International Encyclopedia of Human Geography*. Eds. R. Kitchin, N. Thrift.
- @ Yao, X. 2009. Georeferencing, Geocoding. In: *International Encyclopedia of Human Geography*. Eds. R. Kitchin, N. Thrift.
- @ Zhan, Benjamin F. and Lin, Yan. 2017. Data Structure, Vector. In: *International Encyclopedia of Geography: People, the Earth, Environment and Technology*. Eds. D. Richardson, N. Castree, M.F. Goodchild, A. Kobayashi, W. Liu and R.A. Marston.
- ~~@ Crampton, Jeremy W., Mark Graham, Ate Poorthuis, Taylor Shelton, Monica Stephens, Matthew w. Wilson, and Matthew Zook. 2013. Beyond the geotag: Situating 'big data' and leveraging the potential of the geoweb. *Cartography and Geographic Information Science*. 40(2): 130-139. Available online~~
- ~~@ Crampton, Jeremy W. 2001. Maps as social constructions: Power, communication, and visualization. *Progress in Human Geography*. 25(2): 235-252.~~

- @~~Downs, Roger M.~~ 1997. ~~The geographic eye: Seeing through GIS?~~ *Transactions in GIS*, 2(2): 111-121.
- @~~Elwood, Sarah and Agnieszka Leszczynski~~. 2011. ~~Privacy, reconsidered: New representations, data practices, and the geoweb.~~ *GeoForum*. 42: 6-15.
- @~~Elwood, Sarah~~. 2010. ~~Geographic information science: Visualization, visual methods, and the geoweb.~~ *Progress in Human Geography*. 35(3): 401-408.
- @~~Goodchild, Michael~~. 2004. ~~The Validity and Usefulness of Laws in GIS and Geography.~~ *Annals of the Association of American Geographers*, 94(2): 300-303.
- @~~Goodchild, Michael F.~~ 1992. ~~Geographical information science.~~ *International Journal of Geographical Information Systems*, 6(1): 31-45.
- @~~Jung, Jin Kyu and Sarah Elwood~~. 2010. ~~Extending the qualitative capabilities of GIS: Computer aided qualitative GIS.~~ *Transactions in GIS*. 14(1): 63-87.
- @~~Kwan, M. P.~~ 2012. ~~How GIS can help address the uncertain geographic context problem in social science research.~~ *Annals of GIS*, 18(4): 245-255.
- @~~Lin, Wen~~. 2015. ~~Revealing the making of OpenStreetMap: A limited account.~~ *The Canadian Geographer*. 59(1): 69-81.
- @~~Steinberg, Stephen J. and Sheila L. Steinberg~~. 2006. ~~GIS: Geographic Information Systems for the Social Sciences: Investigating Space and Place~~: London: Sage. Kap. 3. s. 35-50. 16p.
- @~~Stephens, Monica~~. 2013. ~~Gender and the GeoWeb: Divisions in the production of user-generated cartographic information.~~ *GeoJournal*. 78: 981-996. Available online
- @~~Sui, Daniel Z.~~ 2004. ~~Tobler's First Law of Geography: A Big Idea for a Small World?~~ *Annals of the Association of American Geographers*, 94(2): 269-277 Available online

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