

SGO1910 - Pensum/læringskrav

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Bøker

Ferrari, Ed and Rae, Alasdair. 2019. GIS for Planning and the Built Environment: An Introduction to Spatial Analysis. Red Globe Press: London.

~~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~~

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.

@ Ballas, Dimitris., Clarke, Graham., Franklin, Racher S. and Newing, Andy. 2018. GIS and small-area estimation of income, well-being and happiness. In: GIS and the social sciences: Theory and applications. Routledge: Abington. 118-147.

@ Ballas, Dimitris., Clarke, Graham., Franklin, Racher S. and Newing, Andy. 2018. GIS and network analysis. In: GIS and the social sciences: Theory and applications. Routledge: Abington. 69-80.

@ 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.

@ Brudney, Jeffrey L. and Prentice, Christopher R. 2018. A New Tool for New Times? Using Geographic Information Systems in Foundations and Other Nonprofit Organizations. The Foundation Review. 10(4): 40-50.

@ 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.

@ Cope, M. and Jung, J.-K. 2009. Qualitative Geographic Information Systems. In: International Encyclopedia of Human Geography. Eds. R. Kitchin, N. Thrift.

~~@ 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.~~

@ Moore-Cherry, Niamh, Crossa, Veronica and O'Donnell, Geraldine. 2015. Investigating urban transformations: GIS, map-elicitation and the role of the state in regeneration. *Urban Studies*, 52(12): 2134-2150.

@ 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.

@ Van de Voorde, Tim. 2017. Spatially explicit urban green indicators for characterizing vegetation cover and public greenspace proximity: a case study on Brussels, Belgium. *International Journal of Digital Earth*, 10(8): 798-813.

@ 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.

Totalt 617 sider*

***I tillegg må studentene lese instruksjonene til 8 seminaroppgaver som også inkluderer en god del teori. Estimert total antall sider: 100**