

Literature for SGER43, GIS: Geographical Information System for the Social Sciences applies from the autumn semester 2024

**Literature established by The Board of the Department of Human Geography
on 2024-05-14 to apply from 2024-07-01**

Compulsory readings

Books

Peterson, Gretchen (2021) GIS Cartography – A guide to Effective Map Design. CRC Press. Third ed. 336 p. ISBN 9780367494759

Ballas, D., Clarke, G., Franklin, R., & Newing, A. (2018). GIS and the social sciences: Theory and applications. Routledge, 300 p. ISBN 9781138785120

Law, Michael & Collins, Amy. (2021). Getting to know ArcGIS Pro 2.8. Fourth Edition. Esri Press, New York. 399 pages. ISBN 9781589487017

Total (books): circa 1035 pages

Articles

Andrew Hudson-Smith, Andrew Crooks, Maurizio Gibin, Richard Milton and Michael Batty (2009) NeoGeography and Web 2.0: concepts, tools and applications Journal of Location Based Services. Vol. 3, No. 2, June 2009, 118–145, 27 p.

Eck, John E., Spencer Chainey, James G. Cameron, Michael Leitner, & Ronald E. Wilson (2005). Mapping crime: understanding hot spots. Washington: U.S. Department of Justice Office of Justice Programs. 79 p.

Guldåker, Nicklas (2020) Geovisualization and Geographical Analysis for Fire Prevention. ISPRS International Journal of Geo-Information, 9(6), 355, 19 p.

Li, Zhenlong, and Huan Ning. "Autonomous GIS: the next-generation AI-powered GIS." International Journal of Digital Earth 16.2 (2023): 4668-4686., 18p

Openshaw, Stan. (1991) "A view on the GIS crisis in geography, or using GIS to put Humpty Dumpty back together again." Environment and Planning A no. 23 (5):621-628, 7 p.

Pavlovskaya, Marianna (2018) Critical GIS as a tool for social transformation. The Canadian Geographer / Le Géographe canadien 62(1): 40–54, 15p.

Schuurman, Nadine. (2000) Trouble in the heartland: GIS and its critics in the 1990s. Progress in Human Geography no. 24 (4):569-590, 21p.

A selection of articles in addition to the literature listed above circa 150 pages

Total (articles): circa 336 pages

Total compulsory readings: circa 1371 pages