



DEPARTMENT OF EARTH SCIENCES

NGN180 Geographical Information Systems (GIS) - Introduction, 7.5 credits

Geografiska informationssystem (GIS) - introduktion, 7,5 högskolepoäng

First Cycle

Reading list for NGN180, to be valid from spring semester of 2023

Reading list was confirmed by Department of Earth Sciences on 2023-02-28 to be valid from 2023-02-28.

See appendix.



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First Cycle

NGN180, Geografiska informationssystem (GIS) - introduktion, 7,5 hp

Grundnivå

Established by the Department of Earth Sciences 2020-04-29, with changes 2023-02-28

Swedish:

Harrie, Lars (red.) (2020): *Geografisk informationsbehandling: teori, metoder och tillämpningar*. Lund: Studentlitteratur. 351 s. Senaste upplagan. ISBN 9789144131740 (även 6:e upplagan fungerar)

English:

Heywood et al.(2011): *An Introduction to Geographical Information Systems*. United Kingdom: Prentice Hall – M.U.A. 446 p.

Available as hard copy in regular bookstores and in the university library, both as hard copy and **full text online resource for you as registered student**. Search on: <http://ub.gu.se>

https://gu-se-primo.hosted.exlibrisgroup.com/primo-explore/search?query=any_contains_heywood%20%22an%20introduction%20to%20geographical%20information%20systems%22&tab=default_tab&search_scope=default_scope&vid=46GUB_VU1&lang=sv_SE&offset=0

Fulltext: <https://www.dawsonera-com.ezproxy.ub.gu.se/abstract/9780273722632>

In addition, there is a freely available GIS coursebook online that may be helpful:

https://www.itc.nl/library/papers_2009/general/principlesgis.pdf