

# Course literature NGEN25/EXTQ05 – Autumn 2024

## *Main course literature*

\* Harrie, L., 2023. *Lecture notes in GIS algorithms* (LN)

Digital version is available in Canvas

Printed copies must be ordered at latest Sunday 18 August by sending an e-mail to [lars.harrie@nateko.lu.se](mailto:lars.harrie@nateko.lu.se). The printed copies are bought from the Geolibrary. The compendium costs 80 SEK.

\* Duckham, M., Q. Sun, and M. F. Worboys, 2024. *GIS: A Computing Perspective*, 3<sup>rd</sup> edition. CRC press. (WD)

Bought at a bookstore or via Internet.

\* Springer Handbook of Geographic Information (SP)

Digitally available; links is given in Canvas. Be aware that you have to use a computer connected to Lund University network to reach the book. You are only allowed to use this book for private studies, not for distributing material to someone else.

\* Snyder, J. P., 1987. *Map Projections - A Working Manual* (MP)

Digitally available; links is given in Canvas.

\* Articles specified in the reading instructions. The articles can be found using links in the reading instructions on Canvas.

## *Recommended extra reading*

\* Xiao, N., 2016. *GIS Algorithms*, Sage

Bought at a bookstore or via Internet

\* Think Python by Allen B. Downey.

Digitally available; links is given in Canvas. (Make sure you use the 2nd edition for Python 3.x)