



Literature for GISA23, GIS: Geographical Information Systems - Introduction 1 applies from spring semester 2022

Literature established by Study programmes board, Faculty of Science on
2021-06-08 to apply from 2021-06-08

See appendix.



Department of Physical Geography and Ecosystems Sciences

Course literature for GISA23, GIS: Geographical Information Systems - Introduction 1 valid from spring term 2022

The following books and materials will be available (at no cost) as pdf files on the learning platform. The ITC Principles of GIS book is not printable due to copyright restrictions.

Lund University GIS Centre (2018) *Introduction to GIS*. Theoretical material – Lecture Notes. GIS Centre, Lund University, Lund, Sweden.

(Note: The above is the lecture material associated with each topic, and is found by following the Video and Text Lecture links for each module)

Huisman, O. and de By, R. (2009). *Principles of Geographic Information Systems – An introductory textbook, 4th edition*. ITC Educational Textbook Series 1.

International Institute for Aerospace Survey and Earth Sciences (ITC), Enschede.

If you wish to buy a textbook, we strongly recommend:

Chang, K.T. (2014). *Introduction to Geographic Information Systems, 7th international edition* (or later), McGraw-Hill. ISBN: 9780071314831.

Other possible texts you might use can found below, but Chang's book is strongly recommended.

Burrough, P. A. and McDonnel, R. A. (1998): *Principles of Geographical Information Systems*. Oxford: Oxford University Press

Longley, P. A., Goodchild, M. K. F., Maguire, D. J. and Rhind, D. W. (ed.) (1999): *Geographical Information Systems, Second Edition*. New York: John Wiley & Sons.