#### Mandatory reading

Litteraturseminarium I: Collection/management of geographic data and temporal analysis

* Burrough (2015) ‘Principles of Geographical Information Systems – 3rd edition (ISBN: 9780198742845) *(selected sections provided in course handbook)*
* de Smith, Goodchild and Longley (2015) ‘Geospatial Analysis – 5th edition. Online open source book available at <http://www.spatialanalysisonline.com/HTML/index.html> *(selected sections provided in course handbook)*
* Cinderby *et al*. (2008) Participatory GIS and its application in governance: the example of air quality and the implications for noise pollution. *Local Environment* 13 (4): 309-320.
* Ayanlade and Drake (2016) Forest loss in different ecological zones of the Niger Delta, Nigeria: evidence from remote sensing. *GeoJournal* 81: 717-735.

Litteraturseminarium II: Spatial analysis and visualization of geographical information

* Burrough (2015) Principles of Geographical Information Systems – 3rd edition (ISBN: 9780198742845) *(selected sections provided in course handbook)*
* de Smith, Goodchild and Longley (2015) ‘Geospatial Analysis – 5th edition. Online open source book available at <http://www.spatialanalysisonline.com/HTML/index.html> *(selected sections provided in course handbook)*
* Berry (1999) GIS Technology in environmental management: a brief history, trends and probable futures. Online open source chapter available at <http://www.innovativegis.com/basis/present/Global/global3.pdf>
* Portman (2014) Visualization for planning and management of oceans and coasts. *Ocean and Coastal Management* 98: 176-185.

#### Recommended reading

*This list is a collection of books and articles related to the themes of the course. The literature on the list is not mandatory, but should be seen as readings that complete and elaborate on the themes that are brought up during the course.*

* Clifford *et al*. (2016) Key methods in geography. SAGE, Los Angeles (3rd edition), kapitel 16-18, 25-28, 34, 37
* Karlson and Ostwald (2016) Remote sensing of vegetation in the Sudano-Sahelian zone: A literature review from 1975 to 2014. *Journal of Arid Environments* 124: 257-269.
* University of Maryland Libraries (2012) Introduction to GIS Using ArcGIS Desktop 10. Open source book available at <https://www.lib.umd.edu/binaries/content/assets/public/gov-info-gis/research-and-instruction/introduction-to-gis-workbook.pdf>