TBA4251 Programming in Geomatics
Geographic Information Science

The objectives of this task will be to use knowledge of Computing Science together with the knowledge of Geographic Information Systems.

Practical task:

- Make a small GIS that includes important GIS functionality

- This GIS should be able to at least handle a limited amount of prepared data sets for analysis etc.

- An example on this kind of system is "GIST" or "KuGIS" which can be studied on the computer lab Zevs" or installed on your own computer (you can find the application here on It's learning)

- The application should be easy to understand and use for beginners. A well made application may be used for student in the future

- One main idea is to illustrate a GIS and possible functionality in an attractive way.

- When preparing data for the application a god choice would be local data in Trondheim (or maybe another area in Norway you know well.

- Your system can be vector based or raster based. Since the raster based systems are simpler some more functionality is expected from this one

- The system should include a well designed user interface