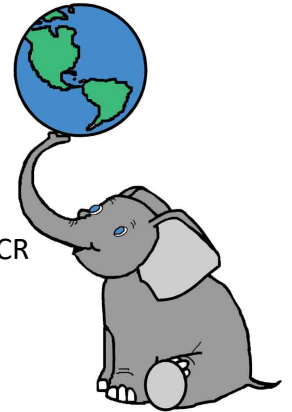


Training Course: PostGIS in practice



Location: Care House (Freedom Square/Victoria)

Date: Aug 26/27, 2019

Time: 09:00-12:00 and 13:00-16:30

Fee: 5,000 SCR/participant (snacks and lunch included), UniSeey students: 3,000 SCR

Delivered by: Michael Wagner (www.allspatial.sc)

Registration: Call +248-2601455 or email to mwagner@allspatial.info

Registration deadline: Aug 10, 2019

Overview:

This two-day, hands-on training course covers how to use PostGIS to perform basic and advanced spatial analysis. PostGIS is the spatial extension to the Open Source Database Management System PostgreSQL. As PostgreSQL PostGIS is Open Source Software. PostGIS allows for powerful server-side spatial analysis making GIS Desktop software obsolete in many scenarios. The course is prepared and delivered by Michael Wagner who is a certified PostgreSQL Professional and geospatial developer and consultant. Michael has supported numerous projects in designing and implementing spatial databases (geodatabases) using PostgreSQL and PostGIS.

Programme:

- Introduction and overview
- Importing spatial data (vector data)
- Spatial analysis on database level
- Visualizing query results
- Spatial views
- Dimensionally Extended Nine-Intersection Model (DE-9IM)
- Creating spatial data
- Exporting spatial data
- Geometry processing (buffers, intersections, clipping, etc.)
- Importing spatial data (raster data)
- Advanced spatial analysis

Audience:

- GIS analysts, technicians, administrators, fans, etc. who want to retire from using ESRI Shapefiles
- Software developers implementing location based services
- GIS and IT students

Requirements:

- Laptop (all software required for the training course will be provided)
- Basic PostgreSQL knowledge of advantage
- Basic SQL knowledge of advantage