

**Introductory course in
Geographical Information Systems (GIS) at
Stockholm Resilience Centre**

Description:

This course in Geographical Information Systems (GIS) is an introductory 2 week general course aimed for PhD students and researchers. The main components of the first half are lectures in GIS, mixed with tutorials using both vector and raster based approaches. The second half of the course consists of personal GIS-projects based on each participant's own research project. Two lectures will also give a brief introduction in Global Positioning Systems (GPS) and in Remote Sensing technologies.

Date, hours:

The course is scheduled to take place during September 12-23, 2011.

Lectures 10 h, Tutorials 8 h, own project 20 h incl. presentation.

Morning sessions starts at 10 a.m. until 12. The afternoon sessions run from 1 p.m. to 3 p.m. All participants are however free to, and also encouraged, to continue with tutorials and projects also later in the afternoons but with limited support from me.

Follow up:

A follow up will be held during 3-4 days in November or December 2011 when focus will be given on spatial analysis using raster based GIS methods.

Examination:

The examination consists of a short presentation by each person or project group. The course gives 4 academic credits.