

Schedule for the GIS seminar, November 12th 2013

9.30 Registration and coffee

10.00 Welcome to the seminar

10.15 Five talks on GIS

News from the GIS committee I	<i>AU GIS Committee</i>
An alternative to viewsheds: skyline analysis	<i>Quentin Bourgeois, Culture and Society</i>
Psychedelic geography/ Fuzzy Cognitive Mapping used for mapping multi-functionality	<i>Chris Kjeldsen, Agroecology</i>
Examples on GIS application in climate adaption and river basin management	<i>Kristian Vestergaard, AU School of Engineering</i>
Managing crop disease data on a global scale	<i>Jens Grønbech Hansen, Agroecology</i>

12.00 Lunch

12.45 Five talks on GIS

News from the GIS committee II	<i>AU GIS Committee</i>
Reducing the Environmental Footprint of Vehicles Using Eco-Routes	<i>Bin Yang, Computer Science</i>
Luften på din vej – Serving air pollution data at doorstep level	<i>Thomas Becker, Environmental Science</i>
From measuring tape and angle mirror to GIS and auto steering in the field trial work.	<i>Søren Sommer, Agroecology</i>
Simplified method to map boulder reefs with multibeam data	<i>Cordula Göke, Bioscience</i>

14.30 Coffee and competition

14.45 Three talks on GIS

Inventory of hedgerows 1990 to 2008 – area, biomass and carbon sequestration related to the Kyoto Protocol	<i>Bernd Münier, Environmental Science</i>
Are drones the new Holy Grail for precision agriculture or just a mutation of the 90th yield mapping failures?	<i>Rasmus Nyholm Jørgensen, Engineering</i>
Get your hands on a drone – how to use drones for the environment: surveillance, recognizing crops using image analysis etc.	<i>Geoff Groom, Peter Borgen Sørensen, Bioscience, René Larsen, Agroecology</i>

15.30 Wrap up and announcing the winner

16.00 End of seminar