

Schedule for the GIS seminar, November 24th 2015

9.30 Registration and coffee

10.00 Welcome to the seminar

10.15 Five talks on GIS

News from the GIS committee	Thomas Becker, Environmental Science
PostGIS and QGIS for Congestion Modelling in MegaCities	Anders Lehmann, Computer Science/ Electronics Engineering
Using GIS in cancer research	Line Flytkjær Jensen, Medicine
Mapping sandy soils vulnerable to pesticide leaching in denmark	Mogens Greve, Agroecology
Using ArcScene for true-to-reality 3D documentation of archaeological sites: the example of the Borggade site (Aarhus)	Matteo Pilati, Prehistoric Archeology

12.00 Lunch

12.45 Five talks on GIS

News from the GIS committee	Janni Gade, AU-IT
Original 1, old cadastral maps from Denmark. The maps and the O1 georeference project	Carsten Risager, Archaeological IT
Mission and route planning for precision farming	Dionysis Bochtis, Operations Management Engineering
Identification of biologically important areas in Greenland	Kasper Lambert Johansen, Daniel Spelling Clausen, Bioscience
Using high performance computing in the field for photogrammetric modelling	David Stott, Moesgaard Museum

14.30 Coffee

14.45 Three talks on GIS

GIS-mapping of future scenarios for agriculture and land use development	Tommy Dalgaard, Agroecology
Flood-risk screening using detailed and massive terrain data	Lars Arge, Computer Science/MADALGO
Exposure of pregnant women and children to pesticides, asthma and electromagnetic fields	Thomas Becker, Environmental Science

15.30 Wrap up

16.00 End of seminar