

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

12.00 Lunch

12.45 Five talks on GIS

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

14.30 Coffee

14.45 Three talks on GIS

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

15.30 Wrap up

16.00 End of seminar