

**Schedule for the GIS seminar,  
November 26<sup>th</sup> 2019**

9.30 Registration and coffee

10.00 Welcome to the seminar, announcing the quiz

Sign up here:



10.15 Three talks on GIS ()

<b>Optimization and GIS in waste management</b>	Maximiliano Enrique Cubillos, Economics and Business Economics
<b>Modelling spatial distribution of air pollution - How changing emissions affect patterns of air pollution in Quito, Ecuador</b>	Victor Valencia, Environmental Science
<b>Visual searches in large orthophoto data sets using deep learning techniques</b>	Karsten Noe, Alexandra Institutet

11.15 Short break

11.30 Three talks on GIS ()

<b>Comparing a random forest based prediction of winter wheat yield to historical production potential</b>	Yannik Roell, Agroecology
<b>Does livestock-MRSA spread through ambient air? Plans for an analysis of distance to nearest pig farm vs. risk of infection</b>	Martin Rune Hansen, Health
<b>Modelling exposure to drinking water quality with GIS</b>	Jörg Schullehner, Public Health

12.30 Lunch

13.15 Marketplace in William Scharff auditorium ()

Booths with equipment, maps, tips and tricks as well as poster session

14.15 Coffee

14.35 Three talks on GIS ()

<b>Big lidar data, machine learning and viking fortresses</b>	David Stott, Archaeology and Søren Munch Kristiansen, Geology
<b>Radiation use efficiency and biomass estimation of Potato using ground, unmanned aerial vehicle(UAV), and satellite observations</b>	Junxiang Peng, Agroecology
<b>Estimation of drought stress in winter wheat using UAV thermal images</b>	Vita Antoniuk, Agroecology

15.35 Wrap up and finding the winner

16.00 End of seminar