

## Schedule for the GIS seminar, November 25<sup>th</sup>, 2025

**Moesgaard Museum, 4240-020 Moesgaard Auditorium**

9.30 Registration and coffee

10.00 Welcome to the seminar

10.15 Three talks on GIS

Moderator: Jørgen Hovgaard Christensen

<b>What can data from satellites, wearable sensors and national registries say about the association between occupational UV exposure and depression?</b>	<b>Alexander Gorny and Hani Mohamed</b> , <i>Department of Clinical Medicine</i>
<b>System Thinking when Planning new Buildings – Utilizing GIS in Regenerative Planning</b>	<b>Gustaf Lohm</b> , <i>Department of Civil and Architectural Engineering</i>
<b>3D Interaction for Spatial Computing with Eyes and Hands</b>	<b>Ken Pfeuffer</b> , <i>Department of Computer Science</i>

11.15 Short break

11.30 Three talks on GIS

Moderator: Jordan Chetcuti

<b>Python Notebooks in ArcGIS Pro</b>	<b>Cordula Göke</b> , <i>Department of Ecoscience</i>
<b>Modelling Sand Drift for Danish Dune Landscapes - Combining Atmospheric Modelling and GIS</b>	<b>Christopher Andersen and Gregor Levin</b> , <i>Department of Environmental Science</i>
<b>Mapping, Monitoring and Studying African Rangelands</b>	<b>Robert Buitenwerf</b> , <i>Department of Biology</i>

12.30 Lunch

13.15 Three talks on GIS

Moderator: René Larsen

<b>Drowned Palaeolandscapes – Using High Resolution Marine Geophysical Data for Geoarchaeology</b>	<b>Katrine Juul Andresen</b> , <i>Department of Geoscience, iClimate</i>
<b>Spatial Equity in Civil Defense Amenities in Aarhus</b>	<b>Adéla Sobotkova</b> , <i>Department of History and Classical Studies, School of Culture and Society</i>
<b>Crowdsourcing Science, Soil Sampling in the Outdoor Classroom</b>	<b>Lucas de Carvalho Gomes and Sebastian Gutierrez</b> , <i>Institute of Agroecology</i>

14.15 Coffee

14.35 Three talks on GIS

Moderator: Arne Bach Nielsen

<b>Local Economic Inequality and Depression: Evidence from Longitudinal Data on Local Residential Contexts and Antidepressant Use</b>	<b>Kim Mannemar Sønderskov</b> , <i>Department of Political Science</i>
<b>AU Buildings' Custom GIS for Planning and Management</b>	<b>Jørgen Hovgaard Christensen and Emil Klitgaard Alslev</b> , <i>Estates Projects and Development</i>
<b>Open Workflows for Large-Scale Open-Source Geospatial Processing on HPC Systems</b>	<b>Jordan Chetcuti</b> , <i>Department of Ecoscience</i>

15.35 Wrap up and finding the winner

16.00 End of seminar