



Aalto University  
School of Arts, Design  
and Architecture

# MAR-E1004 Basics of GIS Landscape Characterization of the Uusimaa Region

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# Today

- **Introduction to the course (Juanjo)**
- **Introduction to the GIS module**
  - Practicalities, structure, etc.
- **Introduction to Geoinformatics**
  - Why GIS in landscape characterization?
  - Theoretical background
  - Examples
- **Getting started with a GIS**
  - ArcMap basics
  - Data in ArcMap
  - Selection and queries
- **More?**

# GIS module

- **7 sessions, Mondays 9:15-12:00 from 11<sup>th</sup> of September until 23<sup>rd</sup> of October in computer classroom 216 in Miestentie 3**
- **Sessions include theoretical and practical parts; homework and review**
  - Homework include ArcMap exercises, conceptual tasks, and reading
- **To pass the module, each homework need to be passed**
- **This course is brand new: Giving feedback (during or outside lectures) is encouraged**
  - Too slow, fast, easy, difficult?

# Lecturer

## **MSc Jaakko Madetoja, PhD student in Geoinformatics, School of Engineering**

- **PhD thesis: Error propagation in geographically weighted regression (defence around new year 2018)**
- **Lots of teaching, exercises, project work etc.**
- **Very limited knowledge of (landscape) architecture or landscape characterization**
  - > You can help by providing problems, tasks, aspects, data sets etc.