

Minor Environmental Geography

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ENVIRONMENTAL GEOGRAPHY AT AVANS



Putting the Environment on the Map

Minor Environmental Geography

- Major themes are: Ecology, Environmental Geography, Geographic Information Systems, Biodiversity and Environmental Science
- Combination of field work, computer work and lab work

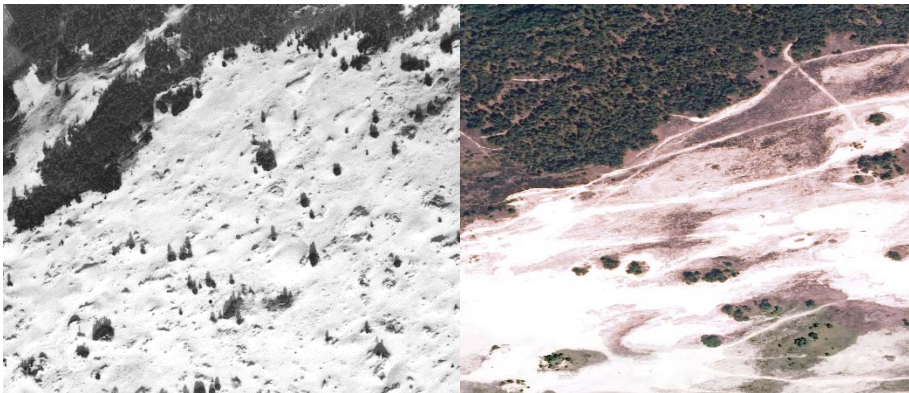
Two Projects:

avans

Project 1: Environmental Change

Monitor the impact of nitrogen deposition on the ecology in the Dutch inland Dunes

Example: <https://mysteryofsand.wordpress.com/>



Archived Photos of the dunes: 1950 (left) and 2007 (right)



Test flight of Phantom 3 drone in the Dunes

Two Projects:

Project 2: Biobased Environment

Investigate the potential of agricultural/natural residues (grass, algae, sunflowers, etc) to produce new biobased material (plastics, proteins for feed, etc.)



Poster presentation of groups

Future projects:



for 2017-2018 new projects are being created, possible assignments are soil pollution and the sand engine



Poster presentation of groups

Courses

- Geodatabases- In this course you will learn how to build and manage a geodatabase.
- Environmental Geography –In this course, you will learn about both the natural and human induced changes of the environment.
- Cartography/GIS - In this course you will learn to set the map's agenda and select traits of the object to be mapped, represent the terrain of the mapped object on flat media.
- Biodiversity and Biotechnology– In this course you will learn the basics of biodiversity as well as its application to biotechnology.
- Environmental Investigations – How to sample soil/groundwater/plant material and analyse it in the lab

Special excursion

Trip to Finland (optional):

A one week visit to our friends in Finland

[Link: Minor Environmental Geography visits Helsinki](#)



What you can do after the Minor Environmental Geography

- Career Orientation

- (Geo)consultant
- Waterboard / Municipality
- GIS specialist
- Ecology Specialist





For more information

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