

University of Copenhagen



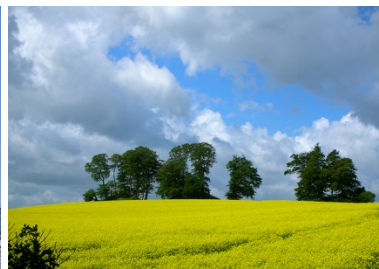
Progress – Montpellier - 27-31 March 2017





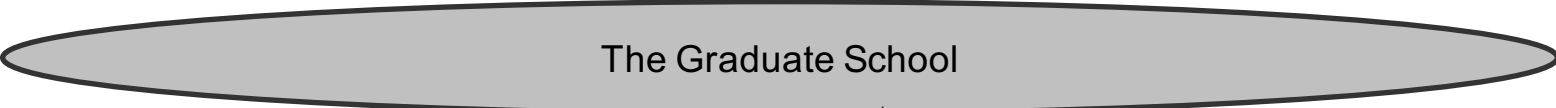
Faculty of Science

Department of Geosciences and Natural Resource Management (IGN) Forest and Landscape College

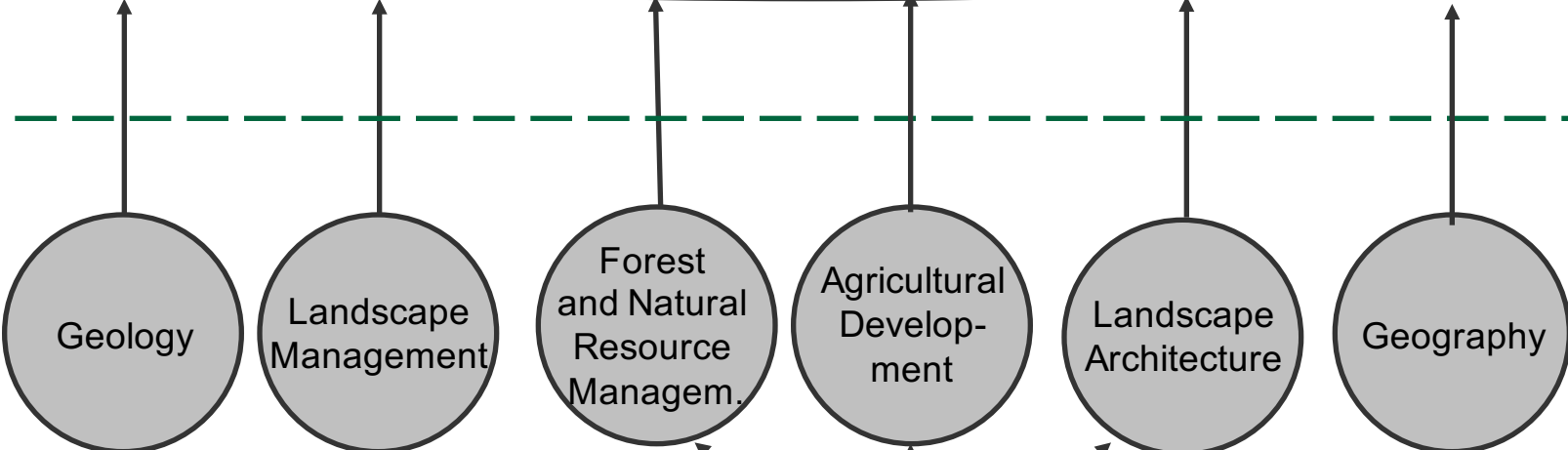


Educations

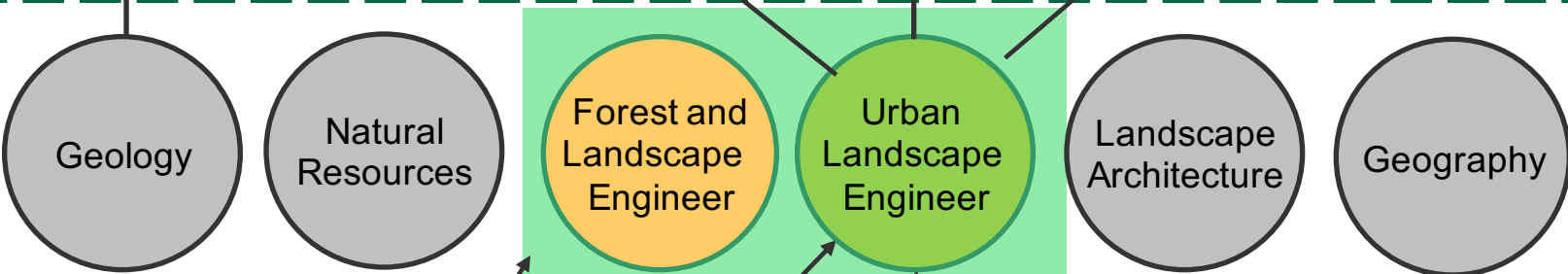
Ph.D.



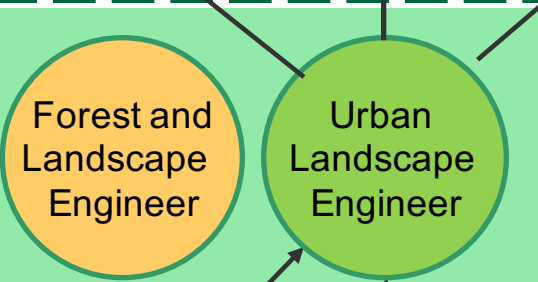
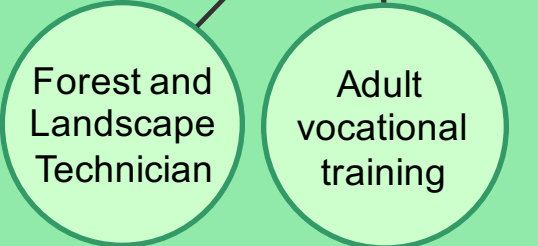
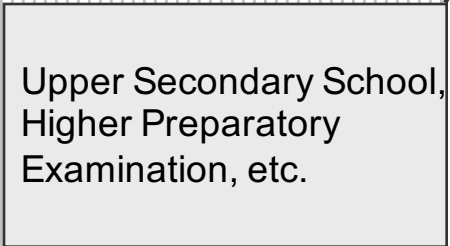
M.Sc.



B.Sc.



Basic Education



Forest and Landscape College, Nødebo





“Skovskolen”

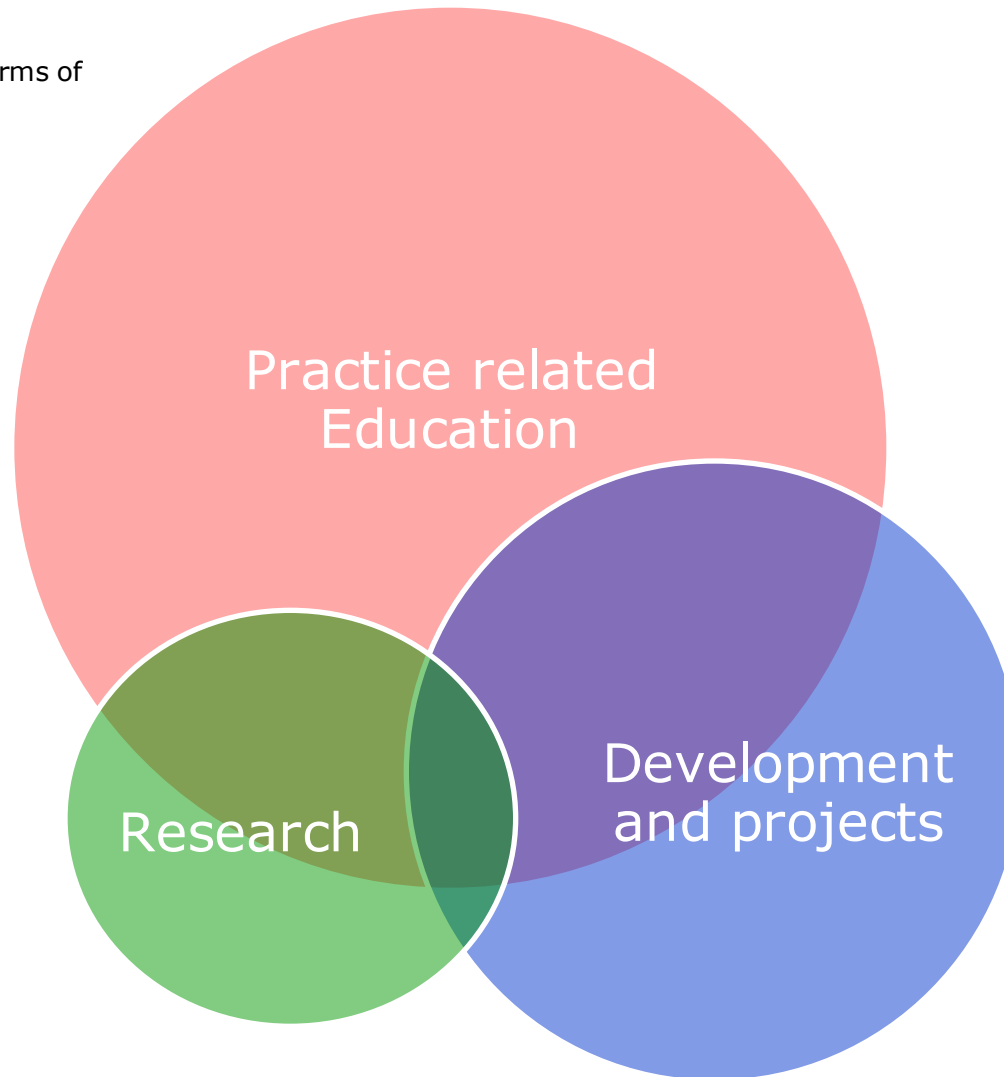
The Forest and Landscape College - a part of University of Copenhagen

- Nødebo 16 hectars
- Dormetry with 170 beds
- Turnover: 60 mio Dkr.
- Staff 100
- Students and pupils 700
 - 6500 days of vocational training
 - 2500 days of other courses

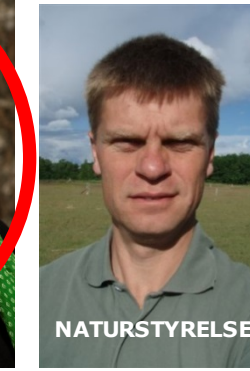
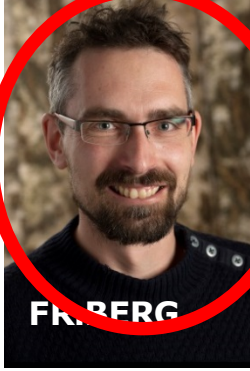


Knowledge Center - strategi

Advantage of the 3 forms of knowledge



The Green Engineer Group



Study Programmes at the Department

Vocational programme

- Skilled Forest and Landscape Craftsman

Professional bachelor

- Forestry and Landscape Engineer
- Urban Landscape Engineer
- Nature and Culture Communicator

Bachelor

- Geology-Geoscience
- Geography and Geoinformatics
- Landscape Architecture
- Natural Resources

Master

- Geology-Geoscience
- Geography and Geo-informatics
- Landscape Architecture
- Forest and Nature Management
- Agricultural Development
- Nature Management
- Climate Change
- Sustainable Forest and Nature Management
- Sustainable Tropical Forestry



Urban Landscape Engineer program

	Blok 1	Blok 2	Blok 3	Blok 4	Blok 5 Summercourses	
YEAR 1 60 ECTS	Introduction to urban landscape engineering		Plants and plant growth in urban areas		Practical botany Pest and Diseases of Trees in Forests and Urban Areas Practical registration of §3 (nature protection legislation) Green Roofs	
	Ecology and plant basics	Design and urban planting projects	Business Administration			
YEAR 2 60 ECTS	GIS	Design and urban terrain projects	Management of urban green spaces		Blok 5 Summercourses	
	Law	Introduction to Management	Project management for landscape construction	Technique and climate adaption (SUDS)		
YEAR 3 60 ECTS	Internship A		Internship B	Elective block I Interpretation and Promotion Advanced GIS Wildlife Management in Densely Populated Areas	Blok 5 Summercourses	
	Blok 1	Blok 2	Blok 3	Blok 4		
YEAR 4 60 ECTS	Urban Forestry and green infrastructure	Project Mangement	Strategic Management and Communications	Bachelor		
	Valgblok II (specialisering)					
	Green climateadaption and technology <i>eller</i> Urban plantings					

- Mandatory Course
- Internship
- Full ejective courses
- Elective courses

All courses are taught in danish

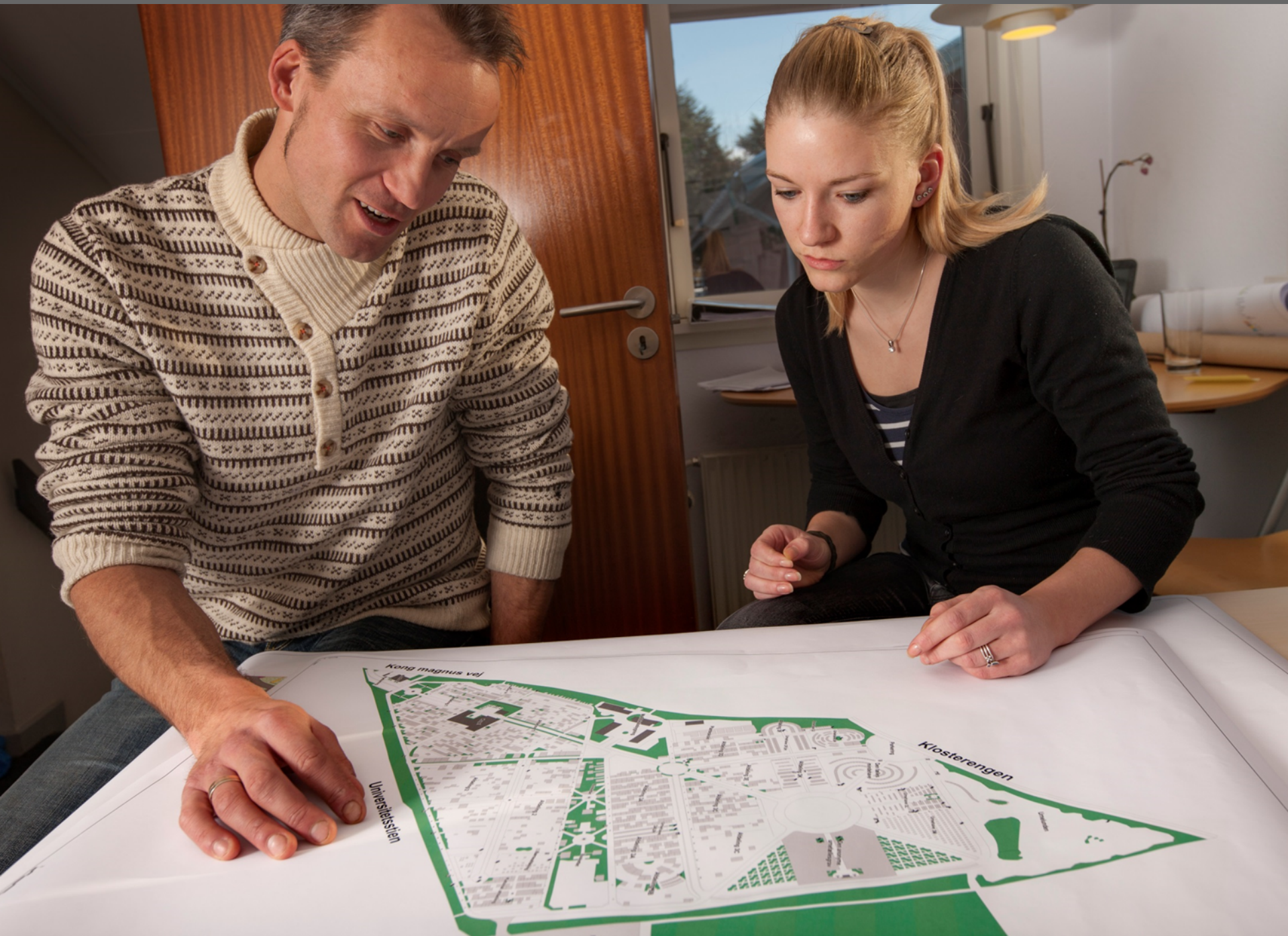


Urban Landscape Engineer



Urban parks and trees





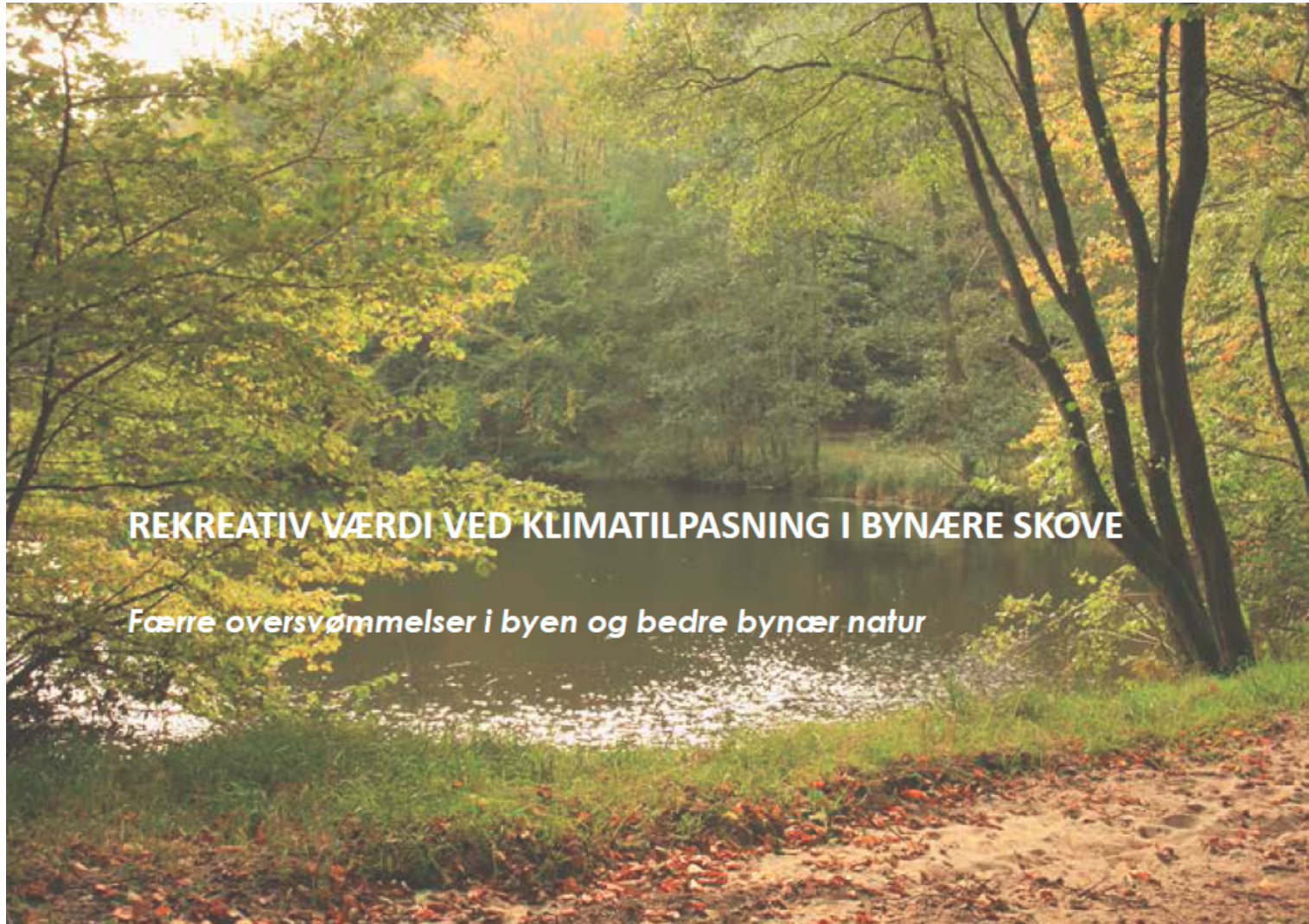
nt of rainwater



Green Roofs



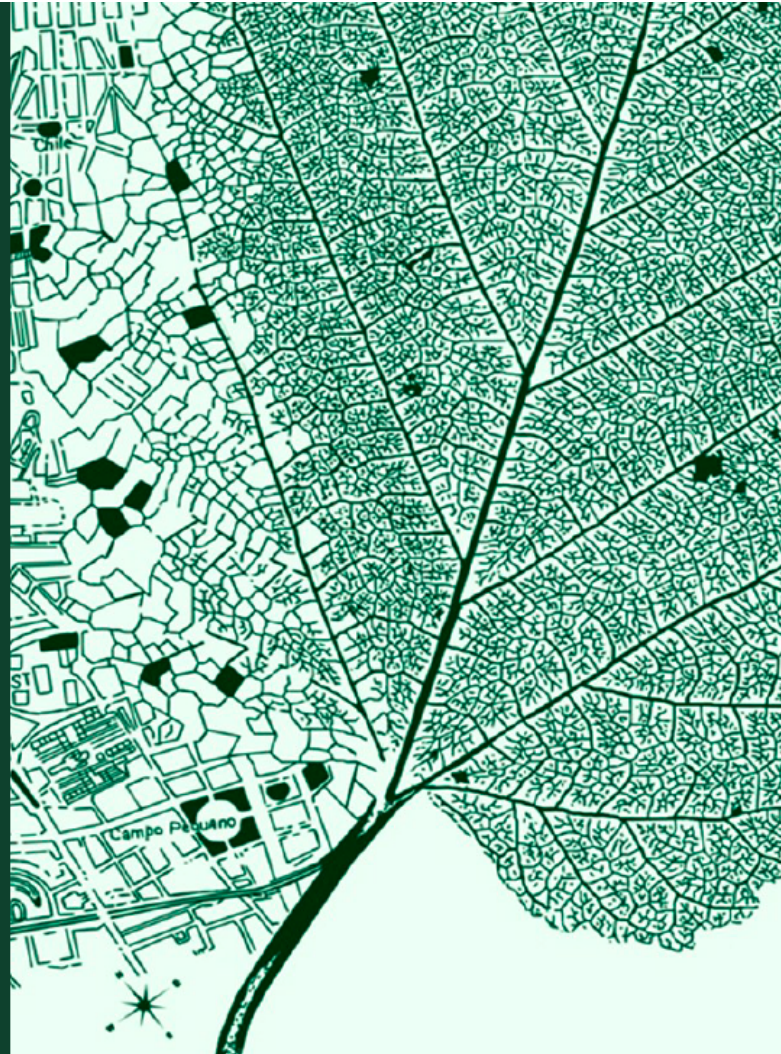
Bachelor projects about climate adaptation



The multifunctional capabilities of trees in climate adaptation of major danish cities

Træers multifunktionelle egenskaber i klimatilpasningen af danske storbyer

The multifunctional capabilities of trees in climate adaptation of major danish cities



Plant management in planted serges



Planteanvendelse i vejbede | FORSLAG OG ANBEFALINGER

PLANT MANAGEMENT IN PLANTED SERGES | PROPOSALS AND RECOMMENDATIONS



Citizen involvement in climate adaptation



Forestry and landscape engineer







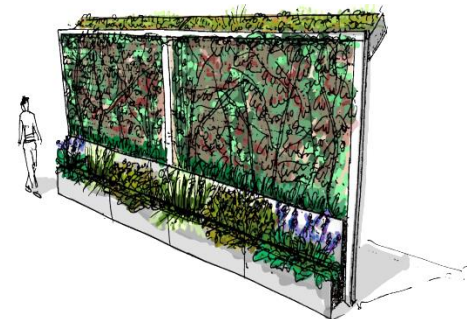
Research and innovation on IGN – related to workshop

Research areas

- Green walls, green roofs – ecosystem services, design and perception
- Urban water /Climate adaptation – design for storm water management, treatment of storm water runoff and greywater, scaling up and performance assessment

Specific projects

- Urban water – innovation network for climate adaptation
- Cities in water balance – innovation consortium
 - Storm water infiltration in clay soil
 - Filter soil for treatment of storm water runoff
 - Dry weather testing of storm water treatment facilities
- Double-porous filtration – innovation project
- Green climate shield – ph.d. project
- ETC



The Caspian forests of Iran.

A gene pool for the adaptation of European forests?

The project will test to which extent the Caspian forests in Iran contain genetic potential for our European forests and their ability to adapt to future challenges in terms of climate change, new diseases and pests.



SUDS consultant



Contribution to the Progress project

Sustainable park maintenance.

Summer course/workshop august 2018, 5 days, 2,5 ECTS

Aim of course/workshop

Participants should subsequently ;

- Be able to collaborate with other professionals in the development of sustainable green areas
- Be able to devise solutions for sustainable maintenance in urban areas

Course content

Lectures

Sustainability in an urban context – how to describe it

Management of operation in urban areas in a sustainable context

Workshops related to case areas


Excursions: Urban areas near Copenhagen




More information

www.ign.ku.dk/skovskolen (press english)

www.kurser.ku.dk

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Department of Geosciences and Natural Resource Management

Department of Geosciences and Natural Resource Management

- » Home
- » About the Department
- » Employees
- » Research
- » Study Programmes
- » Advisory Services
- » Outreach and Publications
- » Press
- » Contact and Find us
- » DANSK




Geography

The Department of Geosciences and Natural Resource Management (IGN) is a broadly based department at the Faculty of Science at the University of Copenhagen.


IGN's activities include research and development, BSc and MSc courses and adult education/continuity training, servicing the public sector, innovation, monitoring, consultancy and outreach as well as international development and environmental assistance.

Research




The research activities span from studies of the composition and dynamics of the Earth to forestry and biomass, water resources, urbanization, remote sensing, landscape architecture and planning, and societal studies.

Study Programmes




The study programmes offered by IGN are characterised by an excellent academic environment, where students can pursue their studies close to research and in touch with the natural world and their future working lives.



Geodesign Conference


News

Seven Professors of Geology appointed at IGN 2014.09.11



With the appointment of five professors and two adjunct professors of Geology, the four research groups at the Geology Section of IGN have been significantly strengthened. ... »

Danish researcher appointed Science Domain Leader at the World Agroforestry Centre in Nairobi 2014.09.05



Lars Graudal has been appointed as Science Domain Leader for the Tree Diversification, Domestication and Delivery research section at the World Agroforestry Centre in Nairobi, Kenya. ... »

[Read all](#)

Calendar

- 3 Oct 2014
Inaugural Lectures and Reception
- 6 Oct 2014
Shifting Urban Paradigms Since 1945; New Interfaces

[All events](#)

PhD and Master's Thesis Defences

- 3 Oct 2014

