Prof. Dr. Helge Walentowski, Dean of the Faculty of Resource Management
Three locations in the southern part of Lower Saxony

1. Hildesheim: 3200 students, 15 degree programs, 3 faculties
2. Holzminden: 1300 students, 8 degree programs, 1 faculties
3. Göttingen: 1800 students, 18 degree programs, 2 faculties
   + Health campus Göttingen
      6300 students, 41 degree programs, 6 faculties

"HAW's" ⊲ Universities of Applied Sciences
    ⊳ Universities
    ⊲ Medical Universities

Locations of universities in Lower Saxony under government responsibility.
Academics and teaching

Our courses of study are distinguished by virtue of their orientation towards practice as well as their innovative and multidisciplinary approach.

Our graduates are “mature personalities” with excellent integrated management skills in ecology, economics and engineering as well as people skills.

Their competences and ideas are urgently needed in the current climate and resource protection debate as well as for cultural and economic change.
bachelor programmes

The Faculty of Resource Management offers four Bachelor courses, three of them last six semesters, Forestry dual lasts 7 semesters:

1.) BSc Forestry (3Y Pr) our beginnings and our flagship product „updated traditional“
land use and resource conservation, business management, forest assessment, forest education, tourism, forest surveys and climate change management

2.) BSc Forestry dual (3.5Y Pr) „new cooperation model“
specifics: framework contract; the students are salaried employees of an approved company during the whole period of the degree course
3.) BSc Arboriculture (3Y Pr)
focuses on urban grove and habitat evaluation, maintenance, planning, and
development of urban green space, as well as tree risk assessment

4.) BEng Business Administration and Engineering (3.5Y Pr)
merger between engineering (manufacturing or power engineering) and
business administration (logistics or marketing or quality management),
new corporate strategies (change management, sustainable development)
master programmes

Cutting-edge portfolio
Solutions for Culture and Economic transformation

1.) MA Regional Management and Business Development (2Y Pr)
2.) MEng Renewable Resources and Regenerative Energies (2Y Pr)
3.) MEng Business Administration and Engineering (1.5Y Pr)
4.) MSc Urban Tree and Forest Management (2Y Pr)
perfectly located at the interface of urban and rural landscapes
outdoor facilities

Botanical gardens (in property of the Georg-August-Universität Göttingen)

1.) Forest Botanical Garden (40 ha, established in 1970)
   Around 2000 species of trees and shrubs are growing in the Garden.

2.) Experimental Botanical Garden (36 ha, established in 1967)

Hunter Training Areas (practice ranges)

1.) Bovenden (183 ha); 2.) Hann-Münden (308 ha); 3.) Göttingen City Forest (130 ha)
Indoor facilities

State-of-the-Art Laboratories

1.) Laboratory for fuel, biomass, soil & environmental analysis
2.) Laboratory of Botany
3.) Plant Pathology & Mycology Lab
4.) Lab of Remote Sensing and GIS

Venison Processing Facilities
doctrinal study course

With the HAWK doctoral research program, the HAWK promotes and qualifies its doctoral candidates, who cooperate with national and foreign universities to prepare their dissertations or to do their cumulative doctoral studies.

(currently 59 HAWK doctoral candidates, 8 of them at our faculty)
Research

research network

Department of Sustainable Energy and Environmental Technologies NEUTec
Faculty Research

- broadly positioned and outstandingly well networked
- several research-active professors
- several doctoral candidates
- successful in acquiring third party funded project
- successful research output (peer reviewed open access publications)
- successful research transfer

Faculty Research Priorities focus on two areas

1. social and economic processes of integrated urban and regional development (in the face of demographic change)

2. sustainable production and use of biogenic raw materials
   (-> example 2.1 and 2.2)
NEMKLIM: Nemoral Forests under Climate Extremes

project duration: 2017-12-31 – 2020-12-31

Issue at stake:
Ecosystem adaptations and land use consequences, in particular for the energy wood potentials along climatic gradients in Romania and Germany.

In focus:
Temperate Deciduous Forests in Europe under Climate Change – and the main question: what can we learn from Romanian beech and oak forests for the future of German forests?

The nemoral (temperate) deciduous forests cover large parts of Central Europe and have important functions for landscape ecology (climate, water, soil, carbon storage) and nature conservation (biodiversity). They supply us with timber, a highly versatile raw material that can be used for anything from building to energy production. Moreover, these forests provide many more goods such as mushrooms, truffles and game meat and are the perfect place to relax, to enjoy nature and to practice recreational activities. Continue reading

Contact

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Projekt Head:
Prof. Dr. Helge Walentowski
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Water catchment area Río Puelo

ECOSYSTEM SERVICES, NATURAL HAZARDS AND RENATURATION OF THE FORESTS OF NORTHERN PATAGONIA

project outline submitted at May 19th 2019

Research network

HAWK Hochschule für angewandte Wissenschaft und Kunst
Hildesheim/Holzminden/Göttingen

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN

Freie Universität Bozen
Libera Università di Bolzano
Università Liedia de Bulsan

CIEFAP
Conocimiento e Innovación en Bosques Patagónicos

small and medium-sized Enterprises (SMEs)

landConsult.de
International consortium of geo-scientists, land use planners, forest engineers and GIS/RS experts

„Rio Puelo“

CLIENT II
Research network and cooperations

El Manso valley - Summer School

CIEFAP - Summer School

further links

Latin American Research

CIEFAP, Argentinien

www.globalforestwatch.org

publications – peer reviewed open access, impact factor

Article
Accelerating Capoeira Regeneration on Degraded Pastures in the Northeastern Amazon by the Use of Pigs or Cattle

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Article
Vegetation Succession on Degraded Sites in the Pomacochas Basin (Amazonas, N Peru)—Ecological Options for Forest Restoration

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Thank you

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