



The **Carinthia University of Applied Sciences** sets high academic standards in an excellent environment in Southern Austria where education, culture and technology are optimally combined. We ensure modern and application-oriented degree programs in the fields of Engineering, Management, Health Science and Social Work at superbly equipped FH-sites, with excellent teaching and research staff complemented by part-time lecturers from industry and international guest lecturers. Further Information you can find on our website: www.fh-kaernten.at/en



The **UNESCO Chair on Sustainable Management of Conservation Areas (MCA)** at **Carinthia University of Applied Sciences (CUAS)** shall provide excellent research and inspiring learning experiences for nature conservation in the 21st century. Its interdisciplinary team shall become an internationally visible hub for excellence, innovation and new technologies in nature conservation with a particular focus on the management of conservation areas. Our work is based on an international, transdisciplinary, holistic and integrated understanding of conservation areas, as advocated and exemplified by UNESCO Biosphere Reserves, (natural) UNESCO World Heritage sites and UNESCO Geoparks. Find more information on the UNESCO Chair: www.cuas.at/unesco-chair.

You want to make a difference in the world with your talents and skills, work on the big issues of biodiversity, natural resources and sustainability and work in an international team? Then we look forward to receiving your application. To expand our team, we are currently looking for a:

Vegetation ecologist for project on AI-based habitat classification (m/f/d)

Job profile and tasks

In a research project, we will develop, test and apply deep learning algorithms for habitat classification based on remote sensing data (satellite, UAV). You will support the project coordinator to assess the user requirements, to match and integrate the results derived from remote sensing and field data (ground truthing) on vegetation. You will analyse, compile and publish research findings. Additionally, you will have the opportunity to develop follow-up projects.

Required competencies and qualifications

- Minimum academic qualification (master) in ecology or similar, with a strong focus on vegetation ecology
- Very good knowledge of methods in vegetation science and vegetation ecology (sampling design, field surveys, analysis, phytosociological classification, with particular focus on non-forest habitats)
- Very good knowledge of classification and delineation of vegetation types (based on species composition and structure) and practical experiences in the field (e.g. biotope mapping or similar)
- Good understanding of and practical experience in classification and delineation of vegetation types based on remote sensing data (orthophotos, satellite, "drones," etc.)
- Well-experienced in relevant IT environments (data handling and databases, GIS applications and devices, R statistical environment, "basic programming skills are a plus"
- Good command of English, spoken and written

In addition, we expect a proven ability to work in interdisciplinary teams, enthusiasm for the subject combined with reliability and accuracy.

Our offer

Carinthia University of Applied Sciences appreciates the motivation and great commitment of its employees and offers attractive and family-friendly conditions. The UNESCO Chair team offers an international perspective and a wide range of personal development and qualification opportunities.

Scope of employment: Full-time, 40 hours per week

Limited term: initially for one year, continuation envisaged from side of employer

Start: January 2022

Place of employment: Campus Villach, Europastrasse 4, 9524 Villach

Salary: Junior Researcher, € 2,414.53 gross monthly salary (full-time, 14 salaries, minimum salary for full-time employment; negotiable depending on qualifications and professional experience)

Application Deadline: November 14th, 2021

Expected timeline for the application process:

- **Interviews (online):** November 19th 2021
- **Decision:** November 29th, 2021

Please note: We regret that we cannot reimburse any travel costs or expenses incurred in connection with participation in the selection procedure.

You can find impressions of working and living in Villach/Carinthia, Austria at:

<https://www.welcome2villach.at/>

[Carinthia - It's my life / MONTE NERO Productions - YouTube](#)

If you are interested in this position, please submit your **full application with all required documents** via our job portal: www.fh-kaernten.at/jobs.

Requested documents:

- Letter of motivation
- Curriculum vitae incl. photo
- Proof of education and practical experience
- List of publications and pdf of 2-3 relevant publications

We look forward to receiving your detailed application.



flexible
working hours



education & training
for employees



good working
climate



creativity within
the team



sports
activities



home-
office



family-friendly
university