



THE ENVIRONMENTAL CAMPUS: LIVING, LEARNING AND WORKING IN A SPECIAL PLACE

Our campus is one of the three sites of the Trier University of Applied Sciences, which is more than 30 years old and cooperates with more than 140 partner institutions world- wide.

Founded in 1996, the Environmental Campus Birkenfeld is still very young and well equipped. We are following a residential campus concept with academic departments, libraries, residences, as well as social and sports facilities in one place.

We not only develop sustainable technologies, we also use them: energy and heat are supplied by a neighboring biomass combined heat and power station, which uses waste wood and biogas. All roofs are equipped with solar panels, the lighting and geothermal climate systems are highly energy efficient.

The Environmental Campus is located near the town of Birkenfeld on the Nahe river, close to the major European centers of Frankfurt, Luxembourg and Trier. The campus has its own railway station (Neubücke Nahe) and is close to the Kaiserslautern-Trier motorway. It has a direct rail connection to Frankfurt Airport (less than two hours), and Ryanair's Frankfurt-Hahn hub is only 40 minutes away.

DKKV

The German Committee for Disaster Reduction (DKKV) is an association with the purpose of promoting disaster reduction. The DKKV is a competence center for all national and international disaster prevention issues and an intermediary to international organizations and initiatives active in the field of disaster reduction.

The DKKV bundles and promotes communication between governmental, administrative, relief, research and educational institutions as well as companies and aims at strengthening the resilience and learning capacity of society. Due to its unique network character within disaster risk management the DKKV is particularly capable of bringing together the key players in this field and, as a discussion platform, it opens up considerable potential in terms of knowledge.

YOUR EXCELLENT CONDITIONS:

- *All modules taught in English*
- *Fully credited with 4 ECTS points*
- *Interdisciplinary teamwork in small courses*
- *No tuition fees*
- *250 Euros administration fee*



Umwelt-Campus
Birkenfeld

H O C H
S C H U L E
T R I E R

Summer School

DISASTER RISK REDUCTION

09th July to 15th July 2023



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Deutsches Komitee Katastrophenvorsorge e.V.
German Committee for Disaster Reduction



DO YOU STUDY A SUBJECT IN THE FIELDS OF EARTH, ENVIRONMENTAL AND SOCIAL SCIENCES, COMPUTER SCIENCE OR ENGINEERING?

If that's the case, the summer school is just the right thing for you!

THE MODULES ARE INSPIRED BY THE FIVE STAGES OF THE RISK MANAGEMENT CYCLE

Module 1: Prevention

In the first stage preventive measures will be discussed as risk communication, network creation, risk analysis as well as awareness raising activities. We will raise the questions of how public risk awareness can be strengthened, what different methods and means are existing and how to attract public the best. Further, we will discuss about how the gap between science and practice can be closed when it comes to Disaster Risk Reduction.

Module 2: Mitigation

The second step in the cycle is all about preventive and mitigating measures. This module will discuss geoengineering–concepts as an idea of mitigation, with a special view to expected regional effects. Geoengineering is highly discussed as further means of competing climate change in addition to local and regional adaptation strategies.



Module 3: Preparedness

Reviewing the forecasts for future challenges due to climate change, questions arise on how to best prepare for such extreme weather events. Fostering formation through drills and trainings, adapt emergency planning, optimizing processes and provide resources are only some means for protection and features of strategic risk management. In this section we will discuss about the strategic complexity of Disaster Risk Reduction.

Module 4: Response

Response means a fast-acting operative risk management in case of a disaster. Actors need to be able to quickly get an overview of the situation, warn the population and convene a crisis team. Further, an effective crisis communication needs to be implemented. So, how do these steps look like in reality? How can a disaster operation look like? How do you rescue people and organize evacuation camps? These and more interesting questions will be discussed together with an expert from the field.

Module 5: Recovery

After a disaster the implemented measures as well as the whole event needs to be reflected and evaluated in order to learn for similar situations in the future. Findings are generated and emergency plans are adapted based on the gathered knowledge. We want to look back and learn what has happened since this disastrous event in the Ahr Valley and to what extent the region has recovered? Interesting insights will be provided and the participants have the chance to share own ideas and thoughts regarding the complexity of disaster recovery.



Practical parts 1+2

The practical part is related to the topic of prevention, thus treating the question of how to foster public risk awareness. The participants will get to know different means that could help in strengthening public risk awareness and work on own ideas to answer the question. New ways and methods can be explored and tried out.

Acompanying programme

You will learn more about Germany as a place to study as well as German culture through excursions. Visits are planned to:

- The House of the History in Bonn
- The idillic Ahr Valley which was affected by floods in 2021
- Trier dike concept
- National Park Hunsrück Hochwald

HOW TO APPLY?

Applications should be submitted by **April 1st 2023** to summerschool@umwelt-campus.de.

To apply, please submit the following documents:

- Letter of Motivation (1-2 pages)
- Transcript of Records
- Signed application form

Please note that the application forms have to be signed personally by applicants.

Further information:
<https://www.umwelt-campus.de/summer-school>

