

Why applying?

This course offers an excellent opportunity to learn more about **modern water management** and **European water policy**. The program was developed by a group of German experts who are highly involved in the implementation process of European water legislation. Therefore the course focuses on practical approaches and provides comprehensive information that will facilitate your daily work in the field of water management.



Who can participate?

Everyone who is involved in water management issues and holds a university degree can participate. However, the course is laid out for members of the public administration.

Program

Module 1: Water management structure in Europe



Focus will be on water use and water services, water supply and wastewater disposal, starting-points for efficient water resources management, administrative aspects, pricing and tariff in the sectors of water services.



Module 2: European Water Framework Directive



This module will address targets and instruments of the WFD, transposition into national law, fundamentals of national and European environmental law, management plans according to the WFD, concepts and organisation of realization.

Module 5: Methodical approach for sustainable management of water resources



This module addresses definitions of measure-relevant parts of river basin areas, options for management: scenarios and experimental games, methods of accounting and evaluation.

Module 6: Programme of Measures and Management Plans



This module will deal in detail with preconditions and approaches for the development of a programme of measures and river basin management plans.

Management of Water Resources

How does it work?

This program is designed as a correspondence course. Thus all interaction with your tutors will be by email and you can study from home.

The course will start on **1st of November 2009**. From this onwards, every two weeks you will receive materials (ca. 50 - 60 pages) for the current module by **email**. After 14 days the success of your studies will be evaluated with a short questionnaire.

After completing the last module (around February 2010), an **attendance period** (1 week) in Croatia in form of a workshop and an excursion is planned. Here all participants can meet with experts from Germany and discuss selected topics.

On the last day of the workshop the **final exam** of the course takes place. If passed, you will receive a **certificate** that confirms your successful participation.



Module 3: Programme of Measures for Surface Water Bodies



This module focuses on surface waters addressing typology, reference conditions, chemical-physical and ecological water status, river structure, anthropogen influences, risk assessment, monitoring, delineation of artificial and heavily modified waters, and options for measures.

Module 4: Programme of Measures for Groundwater Bodies



Focus will be on characterization of groundwater bodies, risk assessment, natural protection potentials, ground-water dependent ecosystems,

Excursion: priority substances, targets and options for measures: good chemical and ecological conditions.

Module 7: Economical analysis



The focus will be on basics and targets of environment economy, methods and tools of accounting and evaluation, efficiency and sustainability of water use, fees for water services, environment and resource costs, principle of cost recovery.

Module 8: Computer supplied methods



This module will provide information on data processing, databases, GIS, simulation models and use of internet for public participation.

Module 9: Flood Protection



The last module addresses concepts for modern flood protection, the EU Flood Directive, river restoration, river regulation.

Who we are ...

The Bauhaus-University Weimar

The term “Bauhaus” stands for an eagerness to experiment, openness, creativity, a close link to industrial practice and internationality.

Thus, the Bauhaus-Universität Weimar, located in the city of Weimar, Germany is well-known for its wide range of teaching and research activities based on civil engineering and architecture-oriented disciplines. Today the University offers an extensive spectrum of courses, including civil engineering environment and management. One of these courses is the international correspondence course “Water + Environment”. It was established in order to promote sustainable development in the field of environment and water management.



Short Overview

- ◆ **End of application:** 31st of October 2009
- ◆ **Program duration:** Nov 2009 - Feb 2010
- ◆ **Attendance period:** February 2010
- ◆ **Certificate:** A certificate is provided by the Bauhaus University after successfully passing the final exam.
- ◆ **Modules:** There will be 9 modules covering. Every two weeks materials for one module will be sent out.
- ◆ **Fees:** The course is funded by the EU Twinning Project and is **free of charge**.
- ◆ **Language:** All materials are provided in **English** and **German**.

For more information, have look at



www.wfd-croatia.eu

www.uni-weimar.de/Bauing/wbbau

The EU Twinning Project „Implementing the WFD in Croatia“

Water is life! The protection of this precious resource is our overall objective. Within the project we supported Croatia’s water administration in implementing EU requirements in order to improve water quality standards and water management.

Hereby the focus of our work was strengthening institutional and administrative capacity of all involved stakeholders. We started in September 2007 and finalized the project in September 2009.

Cooperation between members of our team and Croatian colleagues is ongoing.

Contact

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Degree Course

Water and Environment

Management of Water Resources



Distance Learning

Bauhaus University Weimar
and EU Twinning Project „Implementing the
WFD in Croatia“