

Technical Exhibition

A Technical Exhibition will take place along with the Symposium. For more information please visit the website www.ufrim.tugraz.at

Venue

The symposium will be held in the city of Graz, in the second largest city of Austria. Graz is situated in the South of the Alps on both sides of the river Mur. Its famous mountain in the middle of the city with the clock tower, called "Schlossberg", provides a perfect view over the old town, which is on the UNESCO 's list of World Cultural Heritage. Moreover, the European Capital of Culture of the year 2003 impresses by modern and spectacular architecture as the Island in the Mur or the "Friendly Alien". Six universities with over 40,000 students are in addition responsible for the young and dynamic charm of the city. Since 200 years Graz University of Technology is one of them. The UFRIM symposium will be held in the historical building of Graz University of Technology, which dates back to 1811.

For more details related to Graz please contact:
www.graztourismus.at

Supported by



Organizer

GRAZ UNIVERSITY OF TECHNOLOGY

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Water Resources Management
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In cooperation with:

Government of Styria, Water Protective Economy and
Groundwater Resources

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INTERNATIONAL SYMPOSIUM

21st - 23rd September 2011 - Graz, Austria

UFRIM

URBAN FLOOD RISK MANAGEMENT

Approaches to enhance resilience
of communities

Preliminary Bulletin

>> Call for Papers

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General

In the recent past, flood events occurred ever more frequently, and with snowballing effects for the landscape and its habitants. As a result of the current situations in many cities that relate to flooding the demand of the population for safety becomes top priority.

According to the European flood directive management plans have to be developed in the next few years. In this process non-structural measures, as risk communication, participation or warning systems come to the fore.

The aim of the symposium is to provide a forum for scientists and engineers to exchange ideas and sample applications in order to gain new knowledge as well as to identify research needs. Thereby the whole spectrum of urban flood risk management and its related measures and experiences will be discussed. Additionally a study tour will provide an insight into the flood situation in Graz and its vicinity.

Due to the 200 year jubilee of Graz University of Technology in 2011, we are looking forward to celebrate this special occasion with you. What could be better than a conference, where one of the basic purposes of universities – research – shows its importance in regard to an improvement of people's life and the society.

IT8 2011
200 JAHRE TU GRAZ

Topics

A STRUCTURAL FLOOD PROTECTION MEASURES

- Warning Systems
- Small Dams, Retention Basins
- River Training
- Mobile Flood Protection
- Flood-proofed Buildings and Infrastructure
- Canal Systems

B FLOOD FORECASTING, WARNING SYSTEMS AND OTHER NON-STRUCTURAL MEASURES

- Weather Forecast
- Measurement Methods
- Precipitation-Runoff Simulation
- Warning Systems

C FLOOD SAFETY ASSESSMENT

- Risk Analysis
- Risk Maps
- Spatial Planning
- Vulnerability Analysis
- Physical Model Tests
- Numerical Simulations
- Dam Break
- Pollution

D FLOOD MANAGEMENT AND ENHANCEMENT OF RESILIENCE

- Risk Communication
- Action Plans
- Disaster Control Management
- Responsibilities
- Information Platform
- Flood Damage Assessment
- Responsibilities of Dam Owners in regard to Flood Protection
- Insurance
- National and International Guidelines and Regulations

E FLOOD HISTORY AND RESPONSE

- Flood Resilient Communities
- Recent Flood Events
- New Concepts of Flood Protection
- Urban Floods in Developing Countries
- International Cooperation
- Current Projects

F SOCIAL ASPECTS AND PARTICIPATION

- Risk Awareness
- Risk Perception
- Sensitization
- Risk Communication

Program

21st Sept. 2011	Symposium, Evening Event
22nd Sept. 2011	Symposium, Laboratory Tour
23rd Sept. 2011	Study Tour

Call for Abstracts

Participants intending to present a paper are invited to submit abstracts with about 300 words. The abstracts should clearly state the purpose and the conclusion of the potential paper. Abstracts including the complete title of the paper, the corresponding topic, authors, mailing address, e-mail, phone and fax number should be submitted by the symposium website www.ufrim.tugraz.at.

Important Dates

16th Feb. 2011	Deadline for Abstracts
28th Feb. 2011	Notification of Acceptance <i>new!</i>
21st Apr. 2011	Full Paper Submission

Study Tour

Two different study tours will be offered on Friday 23rd of September 2011 including urban flood management of small streams in Graz and in small cities in Styria.

