

## Tentative Program

### Sunday, 5. Sept. 2010

14:00 – 14:30	FRIEND 5 meeting
14:30 – 16:00	ERB steering committee meeting
from 17.00	Registration
19:00 – 21:00	Icebreaker Reception

### Monday, 6. Sept. 2010

9:00 – 10:00	Opening Ceremony
10:00 – 12:30	Morning Session
14:00 – 18:00	Afternoon session

### Tuesday, 7. Sept. 2010

8:30 – 12:00	Morning Session
13:00 – 15:00	Poster session
15:00 – 18:00	Excursion
19:00	Conference Dinner

### Wednesday, 8. Sept. 2010

8:30 – 11:00	Morning Session
11:00 - 12:00	ERB General Assembly
13:00 – 15:00	Afternoon session
16:00	End of Conference

## Publication

Book of extended abstract of papers and posters will be available to the participants at the conference. Selected (reviewed) full papers of oral presentations will be published after the conference in the *UNESCO IHP-VII Technical Documents in Hydrology* series.

## Important deadlines

Sep 2009	Launching of first call
Nov 2009	Conference homepage
Feb 2010	Submission of pre-registration
Mar 2010	Submission of extended abstract
Apr 2010	Notification of abstract acceptance
Jun 2010	Final registration and accomod. order
Sep 2010	Conference
Oct 2010	Submission of full paper for IHP <i>Technical Documents in Hydrology</i>

## Organizers

- University of Natural Resources and Applied Life Sciences, BOKU Vienna  
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Tel. +43-1-36006-5505, Fax. +43-1-36006-5549  
Email: [erb2010@boku.ac.at](mailto:erb2010@boku.ac.at)
- Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management  
Hydrological Survey  
Marxergasse, 1010 Vienna, Austria

## Local Organising Committee

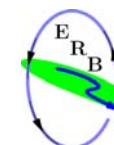
Hubert Holzmann, BOKU University Vienna  
Reinhold Godina, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Vienna  
Gabriele Müller, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Vienna  
Johann Karner, BOKU University Vienna

## International Scientific Committee

Valentijn Powels, Belgium  
Miroslav Tesar, Czech Republic  
Daniel Viville, France  
Sybille Schumann, Germany  
Franca Maraga, Italy  
Laurent Pfister, Luxembourg (FRIEND 5 coordinator)  
Piet Warmerdam, The Netherlands  
Wojciech Chelmicki, Poland  
Joao de Lima, Portugal  
S. Matreata, Romania  
Sergei Zhuravin, Russia  
Ladislav Holko, Slovakia (ERB international coordinator)  
Mitja Brilly, Slovenia  
Francisc Gallart, Spain  
Manfred Spreafico, Switzerland  
Ian Littlewood, United Kingdom

## Sponsors

- Sponsored by UNESCO



*Euromediterranean Network of Experimental and Representative Basins*

## 13<sup>th</sup> Biennial Conference ERB 2010

### FIRST ANNOUNCEMENT AND CALL FOR PAPERS

*Conference on*

## *Hydrological Responses of Small Basins to a changing environment*

**Seggau Castle, Austria  
Leibnitz near Graz**

September 5 – 8, 2010

### Convened by:

- ERB Steering Committee

### In cooperation with

- European FRIEND Project 5 (EURO FRIEND 5)
- University of Natural Resources and Applied Life Sciences, BOKU Vienna
- Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management



## Conference Themes

It is known that human activities and interventions, such as land-use change, change in agricultural management techniques and urbanization can cause observable changes in hydrological responses to sequences of historic precipitation and air temperature. Furthermore, it is now widely recognized, that human activities are changing climate forcings. For many regions of the world, climate models predict increasing air temperatures and changes in precipitation amounts, its seasonal distribution and its type (rainfall, snowfall).

A large number of factors, therefore, can affect runoff and flood formation, low flow and droughts, groundwater recharge, evapotranspiration and land erosion. Precise quantification of future hydrological changes within catchments is a strong challenge due to the complexity of interaction between the processes involved, to observational data quality and to the uncertainties in the climate change signals.

The focus of the conference is in the identification of change signals in the components of the hydrological water cycle. How can changes be identified from past records? Can these changes be related to human interventions? What changes can be modelled and to what extent are model errors masking the change signal variability? These questions will be addressed in the following conference session topics.

- *Identification of hydrological change*
- *Historical data analysis (data homogeneity, data quality)*
- *Land use change impacts on hydrology*
- *Feedback mechanisms in climate change modelling*
- *Experimental basins and their value for long term hydrological monitoring and detailed process studies*
- *Prediction of change in ungauged basins*
- *Water quality aspects*

The topics strongly correspond to the UNESCO IHP intentions and its cross cutting programs.

## Call for abstracts

Participants who wish to contribute to the conference are invited to submit an extended abstract in English (max. 4

pages A4) before March 2010. Abstract forms will be available at the conference website (Nov. 2009). Proposals for Posters are also welcome.

## Conference Venue

The conference will be held in the province of Styria in Southern Austria. Due to the beautiful landscape with its lovely vineyards this area is also called the *Tuscany of Austria*. The gentle slopes around the wine town of Leibnitz forming the borders with the Southern neighbour of Slovenia, represent one of the most impressive regions of Styria.

The conference will be held at *Seggau Castle* (Webpage: <http://www.seggau.com>). The castle's history goes back to Roman times, and an utterly unique lapidarium bears witness to this. The upper castle, built by Salzburg archbishops in the 12<sup>th</sup> century harbours outstanding artistic treasures. Since the 20<sup>th</sup> century, a modern convention centre that harmoniously fuses tradition with modernity has been incorporated into the site and forms an accomplished act of architectural bridging.

## Conference fee and accommodation

### Participation fee:

The conference fee will be in the order of 210 € or 250 € (if paid after May 2010). The fee will cover the expenses for icebreaker reception (Sunday evening), conference attendance, excursion (Tuesday), book of abstracts, refreshments and lunches during the conference. Students discount will be provided by application.

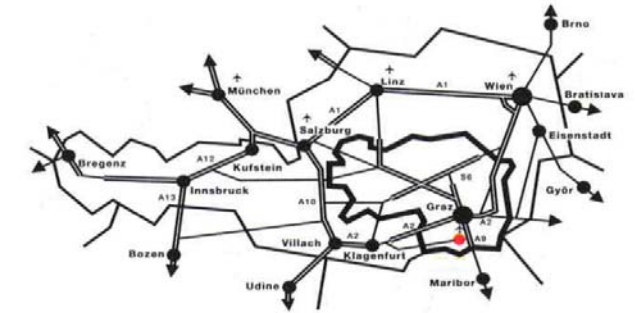
### Accommodation:

Traditionally ERB conferences have a special and familiar atmosphere due to the warm and long lasting contacts among the experimental basin community. In order to stimulate professional discussions and relaxed private conversations, conference delegates are encouraged to take advantage of the accommodation available at Seggau castle. Participants will be accommodated halfboard (incl. breakfast and dinner) for the duration of the conference (3 nights) at a rate of 230 € (single room) or 200 € (double room). Extension of stay can be arranged upon request.

Alternate accommodation opportunities are available at Seggauberg (within walking distance) and in Leibnitz (10 min. travel time).

## Travel information

Seggau Castle is located about 40km south of Graz, near the beautiful city of Leibnitz:



### By plane:

The Graz international airport Thalerhof, located 25 km from the conference venue, has many connections to major European airports. From Thalerhof you can take a taxi or train.

### By train:

Arriving at **Graz Central Station** you can take train to **Leibnitz**. Schedules can also be found at the Austrian Federal Railways link <http://oebb.at/>. From there taxi can bring you to the conference place (approx 7 €).

### By car:

Leave the highway Graz – Maribor (A9) at Leibnitz.

## Communicaton

Email: [erb2010@boku.ac.at](mailto:erb2010@boku.ac.at)

Conference Webpage: <http://erb2010.boku.ac.at>  
(since November 2009)