



OrientGate

International Workshop

“Forest for Water”

INVITATION

15.-16.05.2014

Gmunden (Upper Austria)



lebensministerium.at



Jointly for our common future

International Workshop „Forest for Water“

In July 2012, the transnational project OrientGate launched as part of the SEE program to build a structured network for integrating climate knowledge into policy and planning. The Forest Department of the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW) takes over the management of the topic "Agriculture and Forestry" to examine the effects of climate change in these areas in more detail. Based on a pilot study forest management and climate scenarios are analyzed and possible impacts on the karst-hydrology respectively water resources are explored for the thematic area "Forest" on "LTER (Long Term Ecological Research) Zöbelboden" in the "Reichraminger Hintergebirge" (National park Limestone Alps) together with the Environment Agency Austria and the Institute of Forest Ecology of the University of Natural Resources and Life Sciences (BOKU). The results are discussed together with the Forest Service of Upper Austria and appropriate management solutions are found.

Date: 15.05.2014, 09:00 – 16:30

**Location: Forstliche Ausbildungsstätte (FAST) Ort
Johann Orth-Allee 16, 4810 Gmunden**

Agenda:

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|--------------------|---|
| 9:00-9:15 | Welcome and introduction
Dr. Wolfgang Jirikowski (FAST Ort), Dr. Walter Wolf (Office of the Upper Austrian Federal State Government) |
| 9:15-9:45 | Forest & Water within LE 2020
DI Hubert Siegel, BMLFUW |
| 9:45-10:15 | Sustainable forest management for water resources - an international momentum and action
DI Johann Grafinger, FAO |
| 10:15-10:45 | Forest management effects on water quality under climate change - The ORIENTGATE pilot study at LTER Zöbelboden
Dr. Thomas Dirnböck, Environment Agency Austria |
| 10:45-11:15 | <i>Coffee break</i> |
| 11:15-12:30 | <i>Parallel: Press Conference (in the library)
Short statements by Dr. Walter Wolf, DI Hubert Siegel, DI Johann Grafinger</i> |

- 11:15-11:45** **Vulnerability of protective forests in Karst regions**
Ao. Univ.Prof. Dr. Klaus Katzensteiner, Institute of Forest Ecology
of the University of Natural Resources and Life Sciences (Austria)
- 11:45-12:15** **Best Practices for forest management in drinking water protected
areas**
Ao. Univ.Prof. Dr. Eduard Hochbichler and Dr. Roland Köck,
Institute of Silviculture of the University of Natural Resources and
Life Sciences (Austria)
- 12:15-12:45** Discussion
- 12:45-14:00** *Lunch break*
- 14:00-14:30** **Influence of forest management on water balance of the silver
fir-beech forests in the Dinaric karst**
Dr. Urša Vilhar, Department of Forest Ecology of the Slovenian
Forestry Institute
- 14:30-15:00** **Event sampling at karst-aquifers: insights to short-time dynamics
links bio-, hydro- and pedosphere**
Dr. Hermann Stadler, Joanneum Research (Austria)
- 15:00-15:30** **Quantification of nitrate leaching from German forest
ecosystems by use of the process oriented biogeochemical model
Landscape DNDC**
Dr. Ralf Kiese, Karlsruher Institute of Technology (Germany)
- 15:30-16:00** **The microbial quality of water resources - current trends in
diagnostics and management**
Dr. Andreas Farnleitner, Interuniversity Cooperation Centre Water
& Health, Institute of Chemical Engineering and Technical
Biosciences of the Vienna University of Technology
- 16:00-16:30** Discussion
- 17:30-18:30** Boat trip on Traunsee (departure: Seeschloss)
- 19:00-22:00** Buffet in the FAST Ort

Date: 16.05.2014, Excursion 9:00 – 15:00

7:30-8:30	Breakfast
9:00	Departure from FAST Ort with the bus to DLZ Wasserwerke (head office of Waterworks) Gmunden
9:15-9:30	Visitation of the Waterworks
9:30-10:00	short walk to the Water Tower Kalvarienberg from 1890
10:30-11:00	with the bus to the Waterworks Traunstein-West
11:00-11:30	Presentation about the big landslide Gschlifgraben 2007 (at the east lakeside) by Dr. Günter Moser (in the restaurant „Hois´n Wirt“)
11:30-13:30	Excursion to the Gschlifgraben
13:30-14:45	Lunch break in the restaurant „Hois´n Wirt“
15:00	Arrival at FAST Ort

Please take adequate shoes and clothes with you for the excursion!

Organisational matters

The course of lectures on the first day, the departure and arrival on the second day for the excursion as well as the rooms for your overnight stays are at the same

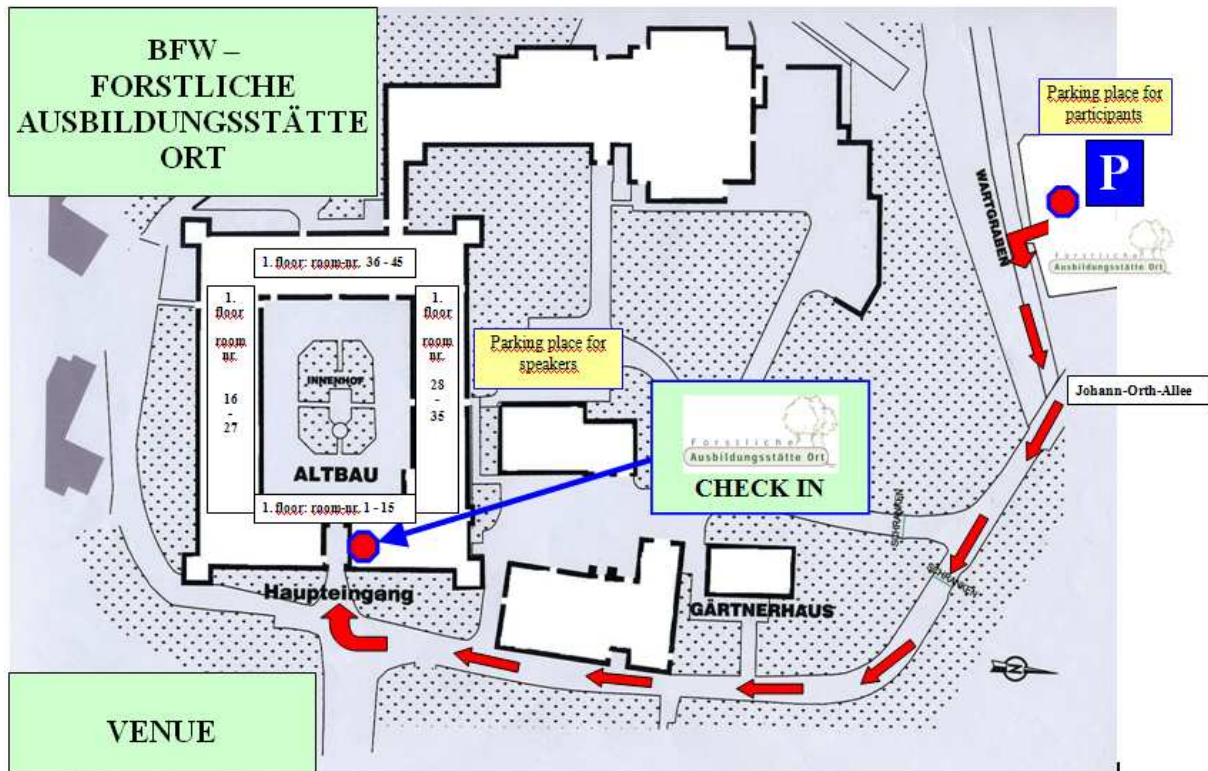
Location:

Bundesforschungs- und Ausbildungszentrum für Wald, Naturgefahren und Landschaft
Forstliche Ausbildungsstätte (FAST) Ort
Johann Orth-Allee 16, 4810 Gmunden
<http://www.fastort.at/>

On the map below you can see the parking possibilities and how to come to the main entrance, where you have to check-in. Additional signs with the Project-logo and the title of the event will show you the way.

Notice: Please be aware that **check-in on 14.05.2014** is only possible **until 17:00!** You can also have lunch (only at 12:20) respectively dinner (only at 17:30) at FAST Ort, but you have to book it on the **“Visitor´s Form”** (attached to the e-mail)! In case of a departure on 17.05.2014, you can have breakfast (between 8:00 and 9:30), but please also indicate it on

the “Visitor’s Form” (because breakfast on 17.05. will only be possible if more than 15 persons book it)!



How to come to Gmunden:

Arrival by car

1. coming from Munich via Salzburg (A1), up to motorway exit Regau (Exit 224), from there in the direction of Gmunden
2. coming from Passau via Wels (A8), at the motorway junction Wels in the direction of Graz (A8) up to Voralpenkreuz, there in the direction of Salzburg (A1) up to exit Regau (Exit 225), from there in the direction of Gmunden

Detailed information under following link:

<https://maps.google.com/maps/ms?ie=UTF8&hl=de&om=1&msa=0&msid=203965825949478308497.000434fd827bb24021232&t=m&z=17&vpsrc=0>

Arrival by train

up to the train station Attnang-Puchheim, there change in the direction Steinach-Irdning or Obertraun or Bad Ischl (depending on train) up to Gmunden.

Detailed information under following link:

<http://fahrplan.oebb.at/bin/query.exe/dn>

Arrival by plane

1. From airport Salzburg with the bus or taxi to Salzburg (main railway station). From there further on with the train. (total time about.2 hours)
2. From airport Linz with the bus or taxi to Linz (main railway station). From there further on with the train. (total time about.2 hours)
3. From airport Vienna with the airport-bus, the city train (S7) or taxi to Vienna (Westbahnhof). From there further on with the train. (total time about 4 hours)
4. From airport Munich with the taxi or the city train (S1) to Munich main railway station. From there further on via Salzburg with the train. (total time about. 4,5 hours)

Please register and send the filled "Visitor's Form" to Elisabeth Gerhardt (elisabeth.gerhardt@bfw.gv.at) until 18.04.2014!

Notice: As there are only 35 rooms available at the FAST Ort the possible number of participants is limited and the booking of rooms follows the time of registration!

The costs for all night stops and meals (as registered in the Visitor's Form) during the event are taken over by the Hungarian Partners PP 7 (REC – The Regional Environmental Center for Central and Eastern Europe).