

5th Symposium for Research in Protected Areas

10 - 12 JUNE 2013 — NATIONALPARK HOHE TAUERN ZENTRUM, MITTERSILL



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NATIONAL
PARKS
AUSTRIA



Nationalpark
Hohe Tauern



Dear Participants,



a national park is an obvious place for holding such an event. All six Austrian national parks are not only paragons of conservation and species diversity but also major research sites. In their research activities the national parks contribute to a national task, which they fulfil at a very high scientific level. This research provides support for the protected area management and beyond.

Initiated by the Ministry of Life, the national parks and the NGOs, cooperation between the Austrian national parks has been intensified in recent years under the overall brand of Nationalparks Austria. Nowhere is this cooperation of six national parks more useful than in research. In addition to many other positive effects, it helps to make work of the national parks in this area transparent and available for many other areas.

Hohe Tauern National Park is the oldest national park in Austria. A region with a rich history, a long tradition and plenty of nature. The Alps host one of the largest pools of biodiversity in Europe. The European Network of Alpine Protected Areas fulfils a key function of ensuring this biodiversity. All research findings and research initiatives discussed here relate directly to the protection and maintenance of the biodiversity of this sensitive area and are thus of great significance for us all.


This year's event here in Hohe Tauern National Park is the first in cooperation with Nationalparks Austria, ALPARC and DanubePARKS. Its theme is "Dynamics and conservation in protected areas - challenges for research and management".

I wish all participants of the 5th Symposium on Research in Protected Areas informative, forward-looking and productive debates and look forward to the outcomes of this event!

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to read 'N. Berlakovich'.

*DI Nikolaus Berlakovich
Federal Minister of Agriculture, Forestry, Environment and Water Management*

Contact & Maps



Contact for the conference

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Web: www.hohetauern.at

Conference office

at the Nationalpark-Zentrum Foyer:

Opening times:

Sunday, 9 June 2013: 14:00 – 20:00

Monday, 10 June 2013: 07:00 – 18:00

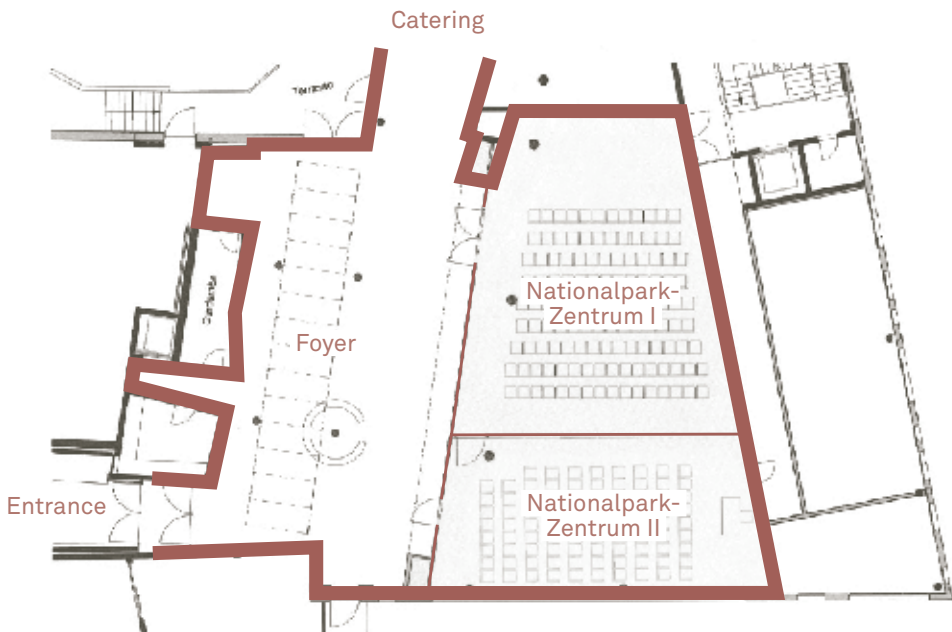
Tuesday, 11 June 2013: 08:00 – 16:30



- ✕ Rooms in the Nationalpark-Zentrum Mittersill:
- Nationalpark-Zentrum I
- Nationalpark-Zentrum II
- Foyer
- Arena

▾ Parish hall of Mittersill :
next to the church,
10 min walking distance from
the Nationalpark-Zentrum

● Tent:
next to the Nationalpark-
Zentrum



Monday
10 June
2013

07:00 - 14:00

07:00

Registration — Nationalpark-Zentrum Foyer

08:45

Welcome — Nationalpark-Zentrum I

Wolfgang Viertler, Mayor of Nationalpark-City Mittersill

Christian Wörister, Tourism Director of Ferienregion Nationalpark Hohe Tauern

Viktoria Hasler, Chair of Coordination committee Nationalparks Austria, Federal Ministry of Agriculture, Forestry, Environment and Water Management

Erich Mayerhofer, „Verein Nationalparks Austria“

09:00

Nationalpark-Zentrum I

Trajectories for protected areas

Chair: *Kristina Bauch, Hohe Tauern National Park Salzburg (AT)*

09:00 Prioritization of river protection measures and strategies

Susanne Muhar, keynote, BOKU University Vienna (AT)

09:20 World Natural Heritage Sites - triggers for sustainable development processes? Results of a global survey

Katharina Conradin, keynote, University of Bern (CH)

09:40 Protected areas and climate change impact - research roles, challenges, needs

Harald Pauli, keynote, ÖAW - Institute for Interdisciplinary Mountain Research, Vienna (AT)

10:00 Wildlife management concepts for large protected areas

Sven Herzog, keynote, Technical University Dresden (DE)

10:30  30 min coffee break *

11:00

Nationalpark-Zentrum I

Biodiversity - impact of environmental change

Chair: *Peter Huemer, Tyrolian Federal State Museum Ferdinandeum, Innsbruck (AT)*

11:00 Horrible dynamics in old conservative systems? Undercooled scree slopes in the Austrian Alps - fauna, significance and threat in times of climate change

Christian Komposch, ÖKOTEAM – Institute for Animal Ecology and Landscape Planning, Graz (AT)

11:20 Impact of climate warming - upslope shift in the distribution of a land snail species in the Swiss National Park

Bruno Baur, University of Basel (CH)

11:40 Mobility patterns in Alpine *Erebia* (Nymphalida) populations: Does a large road act as a dispersal barrier?

Daniela Polic, University of Vienna (AT)

12:00 A review of research on *Pinus cembra* in Austria, with special reference to the conservation of genetic resources

Berthold Heinze, Federal Research and Training Centre for Forests, Natural Hazards and Landscape, Vienna (AT)

12:30  90 min lunch break *



* Coffee break & lunch break
in the Nationalpark-Zentrum
Foyer



Nationalpark-Zentrum II

Parish Hall

Landscape management

Chair: *Thomas Scheurer, ICAS/ISCAR, Bern (CH)*

- 11:00 Parks and landscapes in Europe: towards an integration of policies and management**
Attilia Peano, Politecnico di Torino (IT)
- 11:20 Beyond the inventory - change detection at landscape level using aerial photographs in four protected areas of the Alps**
Ruedi Haller, Swiss National Park, Zernez (CH)
- 11:40 The Carpathian Ecological Network: GIS approach to detect the landscape permeability for particular umbrella species**
Filippo Favilli, European Academy Bolzano – EURAC Research (IT)
- 12:00 Landscape observatories as a tool for managing protected areas - the case of Sierra Nevada, Spain**
Andres Caballero Calvo, University of Granada (ES)

Sustainable development - drivers, paths, strategies

Chair: *Valerie Braun, IGF - Institute for Interdisciplinary Mountain Research, Innsbruck (AT)*

- 11:00 Paths to sustainable regional development in Colombian protected areas**
Axel Borsdorf, IGF - Institute for Interdisciplinary Mountain Research, Innsbruck (AT)
- 11:15 Architecture. A main factor of development and protection of the mountain environment**
Estelle Lepine, Federal Polytechnic School of Lausanne - EPFL (CH)
- 11:25 Labels of protected areas: best practices for a sustainable regional development. The case study of the Italian Alpine protected areas**
Andrea Omizzolo, European Academy Bolzano – EURAC Research (IT)
- 11:35 Research and planning priorities in managing the sustainable development and protection in Serbia**
Nikola Krunic, Institute of Architecture and Urban Spatial Planning of Serbia, Belgrade (RS)
- 11:45 Chaired debate**

Monday
10 June
2013

14:00 - 22:00



** Coffee break at both
the Nationalpark-Zentrum Foyer
and the Parish Hall

14:00

Nationalpark-Zentrum I

Forest management

Chair: Wolfgang Scherzinger, University of Salzburg (AT)

- 14:00 **Effects of spruce bark beetle calamities on the faunistic biodiversity of mountain forests in the Alpine Berchtesgaden National Park**
Maria-Barbara Winter, Georg August University Göttingen (DE)
- 14:20 **Biodiversity in managed and unmanaged forests: a comparison based on the strict forest reserves network in France**
Nicolas Debaive, Réserves naturelles de France, Quétigny Cedex (FR)
- 14:40 **Changes in species composition of vegetation and epigeic spider communities in oak-hornbeam forest in Bab (Slovakia) during 40 years**
Julius Oszlanyi, Slovak Academy of Sciences, Nitra (SK)
- 15:00 **Forest disturbance monitoring system, based on high spatial resolution satellite images, in Kalkalpen National Park**
Antonia Osberger, University of Salzburg (AT)

15:30  30 min coffee break **

16:00

Nationalpark-Zentrum I

Management - Beyond the borders

Chair: Christian Baumgartner, Donau-Auen National Park (AT)

- 16:00 **Planning in England's National Parks. Planning practice in England's National Parks: findings of the 2012 survey**
Nicola Thompson, University of Newcastle (UK)
- 16:20 **Challenges for protected mountain areas in Central and Eastern Europe. Examples from Poland and Ukraine**
Agata Warchalska-Troll, Jagiellonian University, Krakow (PL)
- 16:40 **Adapting conservation management to climate change - challenges and solutions from protected areas in Central Europe**
Sven Rannow, Leibniz Institute of Ecological Urban and Regional Development, Dresden (DE)
- 17:00 **Park assessment in Switzerland: from controlling single parks to a systematic evaluation across all parks**
Marcel Hunziker, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf (CH)


17:30 150 min individual break

20:00

Nationalpark-Zentrum I — in German

Public talk

Chair: Wolfgang Urban, Director of the Hohe Tauern National Park

- 20:00 **Welcome**
Wolfgang Viertler, Mayor of Nationalpark-City Mittersill
Tina Widmann, Member of the provincial government
 zburg
- 20:15 **100 Jahre Nationalpark-Idee in den Hohen Tauern**
Patrick Kupper, Swiss Federal Institute of Technology ETH Zurich (CH)

22:00 End

Long-term ecological research in freshwater ecosystems

Chair: Alois Herzig, University of Vienna (AT)

14:00 Framework for long-term ecological research in Alpine river systems

Leopold Füreder, University of Innsbruck (AT)

14:20 Faunistic characterization of Alpine springs in the Swiss National Park

Susanne Felder, University of Basel (CH)

14:40 Who is eating what? Functional feeding-group composition in Alpine rivers

Alexandra Mätzler, University of Innsbruck (AT)

15:00 Impact of flooding on bug communities (Heteroptera) on meadows of the Morava River floodplains, Eastern Austria

Marian Gratzler, University of Vienna (AT)

How compatible are protected areas' and society's expectations of conservation?

Chair: Ingo Mose, University of Oldenburg (DE)



14:00 The Zen of driving a motorcycle through a national park: reconciling group-oriented with practice-oriented research approaches

Norman Backhaus, keynote, University of Zurich (CH)

14:15 Societal research perspectives on protected areas in Europe

Ingo Mose, University of Oldenburg (DE)

14:20 The cultural dimension of sustainable regional and landscape development in protected areas

Marion Leng, University of Bern (CH)

14:25 A participatory method for agrobiodiversity conservation

Beni Rohrbach, University of Zurich (CH)

14:30 Chaired debate

Conservation strategies in rivers

Chair: Leopold Füreder, University of Innsbruck (AT)

16:00 How restoration measures can affect biogeochemical cycles in protected floodplain areas along the Danube River

Thomas Hein, BOKU University Vienna, WasserCluster Lunz (AT)

16:20 Rehabilitation measures in the main channel of a free-flowing stretch of the Danube: development of meaningful sampling procedures and applicable sampling designs to study effects on the fish assemblage

Hubert Keckeis, University of Vienna (AT)

16:40 Ways to merge conservation needs and recreational fisheries in protected areas

Kurt Pinter, BOKU University Vienna (AT)

17:00 Strategies for the sustainable management of salmonid fish populations in Alpine waters with special emphasis on protected areas and national parks

Günther Unfer, BOKU University Vienna (AT)

Biodiversity – α , β , γ - diversity

Chair: Bernd Stöcklein, University of Applied Sciences Weihenstephan (DE)

16:00 Mercantour-Alpi Maritime generalized biological inventory: an example of successful collaboration between the management of protected areas and taxonomists

Marie-France Leccia, Mercantour National Park, Nice (FR)

16:20 Meadows and pastures - islands of biodiversity in Kalkalpen National Park (Upper Austria)

Susanne Aigner, eb&p Environmental Agency Ltd., Klagenfurt (AT)

16:40 Vegetation survey of Thayatal National Park - status, results and outlook

Thomas Wrbka, University of Vienna (AT)

17:00 Current distribution and abundance of endangered bird species in Hohe Tauern National Park: combining field work and habitat modelling

Matthias Gattermaier, REVITAL Integrative Naturraumplanung GmbH, Lienz (AT)

17:20 Short announcement ad: Austrian Biodiversity Initiative for Protected Areas

Fritz Schiemer, University of Vienna (AT)

Tuesday
11 June
2013

08:00 - 15:30

Registration — Nationalpark-Zentrum Foyer

08:00

Nationalpark-Zentrum I

08:30

Wildlife management

Chair: *Guido Plassmann, ALPARC, Chambéry (FR)*

08:30 Density estimations of Eurasian lynx (*Lynx lynx*) from long term camera trap data in the Bohemian Forest Ecosystem

Kirsten Weingarh, Bavarian Forest National Park, Grafenau (DE)

08:50 Research, conservation and management of capercaillie in Paneveggio - Pale di San Martino Natural Park (Eastern Italian Alps)

Luca Rotelli, Parco Naturale Paneveggio, Pale di San Martino (IT)

09:10 Effects of wildlife management in national parks on its populations. Where to go?

Dominik Dachs, Austrian Federal Forests, Kalkalpen National Park administration, Molln (AT)

09:30 Resource competition between chamois, Alpine ibex and red deer in the Swiss National Park

Pia Anderwald, Swiss National Park, Zernez (CH)

10:00  30 min coffee break *

Tent

10:30

Poster Session

10:30 **Poster presentations**

11:45 **Nationalparks Austria Poster Award**

Chair: *Christian Baumgartner, Nationalparks Austria Research-Team*

 12:00 **Conference group foto**

12:00  90 min lunch break *

Nationalpark-Zentrum I

13:30

Mountains and their protected areas: research perspectives

Chair: *Astrid Hiltner Gurung, Mountain Research Initiative (MRI), Program Manager MRI-Europe, Bern (CH)*

13:30 Designing research in protected areas - theory and reality

Michael Jungmeier, University of Klagenfurt (AT)

13:50 Swiss Parks of national importance: research perspectives and potential topics

Astrid Wallner, Coordination Research on Swiss Parks, Bern (CH)

14:10 Mountain ecosystems in a changing environment

Christian Körner, University of Basel (CH)

14:30 Research for sustainable communities

Anthony Patt, IIASA – International Institute for Applied Systems Analysis, Laxenburg (AT)

15:00  30 min coffee break **



* Coffee break & lunch break in the Nationalpark-Zentrum Foyer



** Coffee break at both the Nationalpark-Zentrum Foyer and the Parish Hall

Protection of fluvial dynamics

Chair: *Thomas Hein, BOKU University Vienna, WasserCluster Lunz (AT)*

- 08:30 Human impact on hydrographic processes in the aquatic complex of Hutovo Blato Nature Park**
Muriz Spahic, University of Sarajevo (BA)
- 08:50 Monitoring and Modelling of Sediment and Habitat at the Alluvial Zone National Park of the Austrian Danube**
Marcel Liedermann, BOKU University Vienna (AT)
- 09:10 River-bed degradation and overbank deposition: an anthropogenic geomorphic disequilibrium in Donau-Auen National Park**
Gerhard Klasz, University of Technology Vienna (AT)
- 09:30 The development of abandoned side-channels: ecological implications and future perspectives**
Walter Reckendorfer, WasserCluster Lunz (AT)

Biodiversity - hands on, hands off

Chair: *Katharina Aichhorn, Hohe Tauern National Park Carinthia (AT)*

- 08:30 Destructive and constructive effects of mudflows - primary succession and success of pasture regeneration in Sölk-täler Nature Park (Styria, AT)**
Andreas Bohner, Agricultural Research and Education Centre, Irnding (AT) and Silvia Winter, BOKU University Vienna (AT)
- 08:50 Regeneration of subalpine plant communities in Kalkalpen National Park (Northen Alps) after different fire events**
Michel Max Kalas, University of Graz (AT)
- 09:10 Erasing a biodiversity hotspot: open woodlands, veteran trees and mature forests succumb to forestry intensification, logging and succession in Lower Morava UNESCO Biosphere Reserve**
Lukas Cizek, Biology Centre ASCR, Ceske Budejovice (CZ)
- 09:30 Monitoring of biodiversity in the core zones of Wienerwald Biosphere Reserve**
Markus Staudinger, AVL - ARGE Vegetationsökologie und Landschaftsplanung GmbH, Vienna (AT)

Cryosphere research

Chair: *Günter Köck, Austrian Academy of Science, Vienna (AT)*

- 13:30 Ground temperature and permafrost evolution in Hohe Tauern National Park 2006-2012: signals of a warming climate?**
Andreas Kellerer-Pirklbauer, University of Graz (AT)
- 13:50 Long-term monitoring of mountain permafrost at Kitzsteinhorn, Hohe Tauern - conceptual approach and preliminary results from the MOREXPART project**
Markus Keuschnig, alpS - Centre for Climate Change Adaptation Technologies, Innsbruck (AT)
- 14:10 The effect of climate change during the Lateglacial in the Hohe Tauern**
Jürgen M. Reitner, Geological Survey of Austria, Vienna (AT)
- 14:30 Formation of glacial lakes a recent dynamic process in the Hohe Tauern National Park**
Hans Wiesenegger, Hydrological Service Salzburg (AT)

Natura 2000 - challenges for environmental management

Chair: *Alexander Maringer, Gesäuse National Park (AT)*

- 13:30 Analysis of Natura 2000 habitats and species in Hohe Tauern National Park Carinthia and Salzburg**
Gregory Egger, eb&p Environmental Agency, Klagenfurt (AT)
- 13:50 EMaRT: Expert Monitoring and Reporting Tool - possibilities for the use of innovative web technologies in long-term monitoring of Natura 2000 territories**
Elisabeth Weinke, University of Salzburg (AT)
- 14:10 The impact of alien plant species on the conservation success of a protected Natura 2000 area, within the ecological restoration of the river Traisen, Lower Austria**
Katharina Lapin, BOKU University Vienna (AT)
- 14:30 EO-based monitoring of Europe's most precious habitats inside and outside protected areas**
Stefan Lang, University of Salzburg (AT)

Tuesday
11 June
2013

15:30 - 22:00

15:30

Nationalpark-Zentrum I

Biodiversity management

Chair: Michael Vogel, Berchtesgaden National Park (DE)

- 15:30 Monitoring dormice (Gliridae) populations as a method of evaluating the efficiency of biodiversity management tools in Gradistea Muncelului - Cioclovina Nature Park**
Catalina-Ioana Dragoi, Gradistea Muncelului-Cioclovina Nature Park Administration, Deva (RO)
- 15:50 Long-term monitoring of grazing in salt habitats on the eastern shore of Lake Neusiedl**
Ingo Korner, AVL Arge Vegetationsökologie GmbH, Vienna (AT)
- 16:10 Effect of active conservation management on biodiversity: multi-taxa survey in oak woodlands of Podyji National Park (CZ)**
Pavel Sebek, University of South Bohemia, Ceske Budejovice (CZ)
- 16:30 Succession processes lead to a loss of grasslands in the Alps. But is it useful in conservation terms to use high-altitude meadows as pastures? New insights from Gesäuse National Park using cicadas as indicator group.**
Gernot Kunz, University of Graz (AT)

17:00 120 min individual break

19:00

Nationalpark-Zentrum Arena

Gala Evening

musical interlude through
an ensemble of the Musikum

19:00 Admittance

19:30 Welcome

Wolfgang Urban, Director of the Hohe Tauern National Park
Christian Wörister, Tourism Director of Ferienregion Nationalpark Hohe Tauern
Wolfgang Viertler, Mayor of Nationalpark-City Mittersill
Tina Widmann, Member of the provincial government Salzburg

Concluding 5th Symposium for Research in Protected Areas 2013

Günther Köck, Chair of the Scientific Board

Nationalparks Austria Science Award 2013 Ceremony (in German)

Awarded by Niki Berlakovich, Federal Minister, Federal Ministry of Agriculture, Forestry, Environment and Water Management

Chair: Diana Gregor, Project manager "Nationalparks Austria Öffentlichkeitsarbeit 2012-2014"

Gala buffet

22:00 End

Biodiversity - functions and values

Chair: *Thomas Wrбка, University of Vienna (AT)*

- 15:30 Effects of gravel mining and its cessation on the surface-active arthropod fauna of mountain stream valleys in Gesäuse National Park, Styria, Austria**
Klaus Peter Zulka, University of Vienna (AT)
- 15:50 Soil Crust InterNational (SCIN) - Understanding and valuing biological soil protection of disturbed and open land surfaces**
Thomas Peer, University of Salzburg (AT)
- 16:10 Linking the wilderness continuum concept to protected areas**
Christoph Plutzer, Institute of Social Ecology SEC, Vienna (AT)
- 16:30 Landscape services and structural functionality assessment in the transboundary Lake Neusiedl Fertő region**
Michael Kuttner, University of Vienna (AT)

What quality standards for sustainable tourism?

Chair: *Dominik Siegrist, University of Applied Sciences Rapperswil and CIPRA International (CH)*

- 15:30 Urban sprawl and protected areas - How effective are buffer zones in reducing recreation impacts on an urban national park?**
Arne Arnberger, keynote, BOKU University Vienna (AT)
- 15:45 Quality standards for nature-based tourism in protected areas in the Alps**
Dominik Siegrist, University of Applied Sciences Rapperswil (CH)
- 15:50 Tourist segments for new facilities in an Alpine national park area: profiling tourists in Norway based on psychographics and demographics**
Knut Veisten, Institute of Transport Economics, Oslo (NO)
- 15:55 Tourist-typology research in protected areas**
Christine Bild, University of Marburg (DE)
- 16:00 Chaired debate**



Wednesday
12 June
2013

—
excursions



Biological soil crusts and lichens – extreme biocoenosis at the snow line

Guide	Roman Türk, University of Salzburg
Meeting point	Mittersill – car park at the Nationalpark-Zentrum
Departure	07:50 for 08:00
Route	By bus from Mittersill to Hochtorn on the Großglockner High Alpine Road (2,500 m.a.s.l.). From there Roman Türk leads the walk via Mt. Rossköpfl (2,590 m) along the Klagenfurt Anniversary Path to Weißenbachscharte gap (2,650 m) and on towards Mt. Moderegg (2,900 m). The focus of this special excursion are the soil crust biocoenosis, higher plants and cryptogams, which are currently being investigated within the international project SCIN (SoilCrust International) on a sample area in Hohe Tauern National Park. To enjoy the route, you need to be fit enough to walk for four hours on high mountain tracks. There are no huts on this route, bring your own food and drink.
Return	Around 18:00 to Mittersill (car park at the Nationalpark-Zentrum)
Equipment	Some food and drinks, warm and weatherproof clothing, alpine boots with a good profile and rigid sole are a must, headgear, sunglasses and sunscreen, magnifying glass with 5 – 10x magnification recommended, trekking poles are helpful
Participants	max. 25 people, min. 8 people
Level	Demanding, old snow fields might have to be crossed, surefootedness required (slippery stone slabs and steep snow fields might have to be crossed)

If the weather does not allow this excursion to be held (e.g. new snow or extreme weather), an alternative route will be offered in the same area. If the weather is such that snow chains are mandatory on the Großglockner High Alpine Road or the road is closed altogether, this excursion will be cancelled without alternatives offered.



Wilderness Area in the Hohe Tauern National Park – an ambitious vision?

Feri Lainer, Hohe Tauern National Park Salzburg

Mittersill – car park at the Nationalpark-Zentrum

06:20 for 06:30

By bus from Mittersill via Neukirchen to the Abichlalm (1,400 m.a.s.l.) in the Untersulzbachtal. The walk starts from there, first along a cattle drive way to the Aschamalm (1,630 m) and on through rough high-alpine terrain to the portal of the Untersulzbachkees glacier (2,300 m). The destination of the excursion is the special protected area Untersulzbachtal, one of the last wilderness areas in the Alps. To enjoy the route, you need to be fit enough to walk for six hours in rough terrain. There are no huts on this route, bring your own food and drink.

Around 17:00 to Mittersill
(car park at the Nationalpark-Zentrum)

Some food and drink, warm and weatherproof clothing, alpine boots with a good profile and rigid sole are a must, headgear, sunglasses, sunscreen, binoculars recommended, trekking poles (if available)

max. 15 persons, min. 8 persons

Very demanding, old snow fields might have to be crossed, surefootedness required (slippery rocks and steep snow fields might have to be crossed)

If the weather does not allow this excursion to be held (e.g. new snow or extreme weather), an alternative excursion will be offered.



Cryospheric research and dynamic processes in the changing landscape of the Obersulzbach Valley

Hans Wiesenegger, Hydrological Service - Land Salzburg

Mittersill – car park at the Nationalpark-Zentrum

07:50 for 08:00

By bus from Mittersill via Neukirchen past Seebach waterfall, Sattelkar landslide and the moraine from 1850 of Obersulzbachkees, then on foot to Oberer Keesboden (1,930 m) and on to recent proglacial lake Obersulzbachsee (2,300 m) along glacier trail and back (approx. 6 km) with views of glaciers, past and on-going dynamic landscape changes and explanations of the actual cryospheric study sites. To enjoy the route, you need to be fit enough to walk for three hours on high-alpine paths. On the way back possibility for a short lunch stop at Postalm (1,699 m).

Around 17:00 to Mittersill
(car park at the Nationalpark-Zentrum)

Some food and drinks, warm and weatherproof clothing, alpine boots with a good profile and rigid sole are a must, headgear, sunglasses, sunscreen, trekking poles (if available)

max. 20 persons, min. 8 persons

Demanding, old snow fields might have to be crossed, surefootedness required (slippery rocks and steep snow fields might have to be crossed)

If the weather does not allow this excursion to be held (e.g. new snow or extreme weather), an alternative excursion will be offered in the area.

Poster presentations

Bulent Acma,
Anadolu University, Eskisehir (TR)
Ecosystem and ecocity planning
in the southeastern Anatolia region of Turkey

Susanne Aigner,
**eb&p Environmental Agency Ltd.,
Klagenfurt (AT)**
National Park Certificate for Alpine pastures

**ANL-Bayerische Akademie für Naturschutz und Landschaftspflege,
Laufen (DE) and Amt der Salzburger
Landesregierung, Salzburg (AT)**
Alpine pastures active –
new ways for biodiversity (film in German)

Arne Arnberger,
BOKU University Vienna (AT)
Addressing challenges in managing
recreation in protected areas in
an international context:
the international summer schools
on natural resource and recreation
management in protected areas

Sandra Aurenhammer,
**ÖKOTEAM - Institute for Animal Ecology
and Landscape Planning, Graz (AT)**
Dynamic processes as a key factor
for biodiversity?
A zoological case study in the largest
rockslip area of the Eastern Alps

Norman Backhaus,
University of Zurich (CH)
Creation of value through tourism
in the UNESCO Biosphere Reserve Val
Müstair Parc Nazional

Peter Bilovitz,
University of Graz (AT)
A transnational lichen inventory of the Alps:
a long overdue task

Carole Birck,
**Asters - conservatoire des espaces
naturels de Haute-Savoie, Pringy (FR)**
Monitoring of French altitude lakes
in multi-stressors situations:
focus on five lakes in Haute-Savoie

Emma Blackwell,
BOKU University Vienna (AT)
Induction and spread of a spruce bark
beetle outbreak in the Wilderness Area
Dürrenstein, Austria

Vladimir N. Bolshakov,
**Russian Academy of Sciences,
Ekaterinburg (RU)**
Organization of environmental monitoring
in protected areas

Sarah Burg,
**Swiss Federal Institute of Technology
Zurich (CH)**
Observer bias and its causes in botanical
records on summits

Stefano Chelli,
University of Camerino (IT)
Effects of extreme weather events
on Apennines grasslands productivity

Emilio Chiodo,
University of Teramo (IT)
Differences in development paths
of tourism and agriculture within Abruzzo
region protected areas

Agnes Demetz,
University of Vienna (AT)
Effects of natural floodplain dynamics
and vegetation structure on grasshopper
assemblages of meadows in Donau-Auen
National Park, Austria

Thomas Dirnböck,
Environment Agency Austria, Vienna (AT)
Long-term ecosystem monitoring
and research at LTER Zöbelboden -
20 year anniversary (film in English)

Ursa Drogenik,
University of Ljubljana (SI)
Mountain biking in protected areas
in case of Triglav National Park

Ursula Eisendle,
University of Salzburg (AT)
Micro- and meiobiota patterns
in glacier-driven stream habitats

Nodar Elizbarashvili,
Tbilisi State University (GE)
Main principles and results of landscape
planning in new protected area in Central
Caucasus, Georgia

Marianna Elmi,
**European Academy Bolzano -
EURAC Research (IT)**
Challenges for sustainable tourism
management in an UNESCO serial world
heritage site. The case of the Dolomites.

Rodney Garrard,
CDE, University of Bern (CH)
Depicting community perspectives:
repeat photography and participatory
research as tools for assessing
environmental services in Sagarmatha
National Park, Nepal

Fulvio Genero,
University of Udine (IT)
Griffon vulture monitoring
in the Hohe Tauern National Park

Barbara-Amina Gereben-Krenn,
University of Vienna (AT)
Cryptic bumblebee species of the *Bombus
lucorum*-complex in the Austrian Alps

Günter Gollmann,
University of Vienna (AT)
Frogs in the city: problems of research
and conservation of amphibians in Lobau
(Vienna, Donau-Auen National Park)

Stanislav Gomboc,
**EGEA, Institution for Nature,
Ljubljana (SI)**
Research of Lepidoptera fauna as
one basis for the biodiversity management
in the Kozjanski Park

Joachim Götz,
University of Salzburg (AT)
Sediment storage quantification and
postglacial evolution of an inner-Alpine
sedimentary basin (Gradenmoos Basin,
Schober Mountains, Hohe Tauern
National Park)

Patrick Gros,
Haus der Natur, Salzburg (AT)
The Biodiversity Database of Hohe Tauern
National Park as a basis for research and
management: distribution of threatened
species based on butterfly data

Arnulf Hartl,
**Paracelsus Medical University
Salzburg (AT)**
Health effects of alpine waterfalls

Sabine Hennig,
University of Salzburg (AT)
Use of modern information
and communication technology
in large protected areas

Karin Hochegger,
Büro für ökologische Landschafts-
planung, Bad Mitterndorf (AT)
Utilization history of alkaline fens in the
Natura 2000 area Ödensee Salzkammergut -
new strategies for future management

Viktoria Igel,
self-employed ecologist, Vienna (AT)
Status of peat lands in Upper Austria:
a survey on vegetation with management
plans for renaturation

August Kaiser,
ZAMG Vienna (AT)
Trends of ozone and meteorological
parameters at high Alpine sites

Sistri Kamal,
Jagiellonian University, Krakow (PL)
Challenges in conserving private protected
areas: where are the opportunities?

Anne Kasper-Giebl,
Technical University of Vienna (AT)
Aerosol measurements at the Sonnblick
Observatory. Online identification of long
range transport of particulate matter

Bernadette Kastler,
University of Vienna (AT)
The impact of Robinia pseudoacacia
on vegetation and plant nutrient matter
in Donau-Auen National Park

Andreas Kellerer-Pirklbauer,
University of Graz (AT)
Relict rock glaciers as important aquifers
in sensitive ecosystems: the example of
the Natura 2000 protection area Niedere
Tauern range, Styria

Günter Köck,
Austrian Academy of Science, Vienna (AT)
Research in protected areas funded by
the Austrian Academy of Science

Christian Komposch,
ÖKOTEAM - Institute for Animal Ecology
and Landscape Planning Graz (AT)
Natural hazards – hazards for nature? Ava-
lanches as a promotor of biodiversity. A case
study on the invertebrate fauna in Gesäuse
National Park

Gabi Kraller,
University of Graz (AT)
Distributed water balance modeling in the
Berchtesgaden National Park

Andrej Kranjc,
Slovenian Academy of Sciences
and Arts, Ljubljana (SI)
Scientific research of Škocjanske Jame
caves (UNESCO world heritage) -
from antiquity to modern times

Norbert Krouzecky,
Vienna University of Technology (AT)
Ship-induced waves in the bank zone of
the Austrian Danube in Donau-Auen
National Park - experimental investigations

Ship-induced waves in the bank zone of
the Austrian Danube in the Donau-Auen
National Park - Test results

Gordan Lukac,
Public Institution Paklenica National
Park, Starigrad-Paklenica (HR)
The bird atlas of Paklenica National Park,
Croatia

Tobias Luthe,
University of Applied Sciences,
Chur (CH)
Green tourism - opportunity and
responsibility for protected areas

Gabriela Manea,
University of Bucharest (RO)
Constraints and challenges in the creation
and public use of protected areas within
a city. Case study: Lake Vacaresti, Bucharest

Theresia Markut,
self-employed ecologist, Vienna (AT)
Carabid beetles (Coleoptera, Carabidae)
in the Thaya valley

Nikolaus Medgyesy,
University of Innsbruck (AT)
Monitoring of autochthonous brown
trout (*Salmo trutta* f. *fario* L.) populations
in different streams of Hohe Tauern
National Park

Christina Nagl,
University of Vienna (AT)
Owls in floodplain forests in Eastern Austria:
habitat use and population density

Giorgi Nakhutsrishvili,
Ilia State University, Tbilisi (GE)
A perspective on ecological corridor for
maintaining healthy ecological processes
in the Caucasus

Georg Niedrist,
University of Innsbruck (AT)
Spatial and temporal variation in chironomid
assemblages in glaciated catchments of
Hohe Tauern National Park

Sophie Nießner & Andrea Lamprecht,
University of Vienna (AT)
GLORIA - tracing the fate of high mountain
organisms in protected areas

Christina Pichler-Koban,
E.C.O. Institute of Ecology,
Klagenfurt (AT)
Society and protected areas in flux - more
than hundred years of nature conservation
in Austria, Germany and Switzerland

Jürgen Pollheimer,
coopNATURA, Rum (AT)
Monitoring breeding birds in Thayatal
National Park: point counts with distance
sampling - a case study on selected
songbird species

Abundance and habitat selection of
two alpine songbird species in Hohe Tauern
National Park

Stefan Preiner,
WasserCluster Lunz (AT)
Development of an integrated modeling tool
to assess the nutrient dynamics and trophic
status of a decoupled floodplain along the
Danube river in Austria

Michalis Probonas,
University of Crete, Heraklion (GR)
Innovative actions against illegal poisoning
in protected areas of Crete

Maja Rapp,
Swiss National Park, Zernezh (CH)
Biomass-mapping of Alpine grassland
with APEX imaging spectrometry data

Walter Reckendorfer,
WasserCluster Lunz (AT)
Metacommunity structure in a floodplain
system: implications for conservation
restoration

Maik Rehnus,
Swiss Federal Research Institute WSL,
Birmensdorf (CH)
Influence of tourism activities on mountain
hares (*Lepus timidus*) and its consequences

Poster presentations

Rainer Reiter,
**Federal Research and Training
Centre for Forests, Natural Hazards
and Landscape, Vienna (AT)**
Soil inventory in forests of Wienerwald
Biosphere Reserve

Jürgen Reitner,
Geological Survey of Austria, Vienna (AT)
Reconstruction of a prehistoric past rock
avalanche in the Hohe Tauern region:
the Auernig sturzstrom

Barbara Riedler,
University of Salzburg (AT)
EO-based habitat structure assessment
in a transboundary Natura 2000 site

Herwig Ruprecht,
BOKU University Vienna (AT)
Long-term monitoring of natural
regeneration in natural forest reserves
in Austria - results from the ELENA project

Rita Salvatore,
University of Teramo (IT)
The role of protected areas for rural tourism:
a depiction of Swiss and Italian cases

Christine Scheidegger,
**Regional Nature Park Gantrisch,
Bern (CH)**
Management and research in park Gantrisch
of national importance

Verena Schifflerthner,
University of Vienna (AT)
Neophytes in Thayatal National Park -
distribution mapping and evaluation of
management

Ingrid Schmitzberger,
coopNATURA, Rum (AT)
Vegetation monitoring of open
habitats in Thayatal National Park -
results of the first period

Lothar Schrott,
University of Salzburg (AT)
Modeling Alpine permafrost distribution
in the Hohe Tauern 1 region, Austria

Stefan Schütz,
University of Innsbruck (AT)
Adequate indicators for environmental
change in Alpine river systems, Hohe Tauern
National Park. Preliminary results

Andreas Schwarzenberger,
**International Bearded Vulture
Monitoring, Vienna (AT)**
The Bearded vulture in the Alps -
the importance of protected areas
and long-term monitoring

Bernd Seiser,
**Austrian Academy of Science,
Vienna (AT)**
Glaciological monitoring, Venedigerkees,
Hohe Tauern, Austria

Herfried Steiner,
**Federal Research and Training
Centre for Forests, Natural Hazards
and Landscape, Vienna (AT)**
Stand dynamics in Neuwald Virgin Forest

Anna Katharina Steinmetz,
**alpS Centre for Climate Change
Adaptation Technologies, Innsbruck (AT)**
Trade-offs of ecosystem services provided
by mountain hay meadows under land-use
change scenarios

Martin Stocker,
**Waldhuber, ÖAW -
Institute for Mountain Research Man
and Environment, Innsbruck (AT)**
Six years of glacier mass balance
on Mullwitzkees (Hohe Tauern)
and Hallstätter Gletscher (Dachstein)

Kathrin Stürzenbaum,
University of Vienna (AT)
Vertical stratification of xylobiontic beetles
in floodplain forests of Donau-Auen National
Park and potential effects of box elder
control measures

Mojca Stubelj Ars,
University of Nova Gorica (SI)
Assessment of environmental education
indicators in Triglav National Park, Slovenia

Leita Tschanz,
Aix Marseille University (FR)
Socio-ecological systems: towards a global
approach of biodiversity observation
in a regional natural park of alpine territory

Roman Türk,
University of Salzburg (AT)
The role of Hohe Tauern National Park as
a Noah's Ark for threatened lichens

Iuliana Vijulie,
University of Bucarest (RO)
Forest management in Piatra Craiului
National Park between economic benefits
and ecosystem services

Ivan Voloscuk,
**University of Matej Bel,
Banská Bystrica (SK)**
From research of the Carpathian beech
virgin forests to the World Heritage

Matthias Wagner,
**European Academy Bolzano -
EURAC Research (IT)**
Developing sustainable tourism
in sensitive mountain areas. Challenges
for the sustainable management of leisure
motivated mobility in the UNESCO world
heritage site of the Dolomites

Matthias Weiss,
**Czech Academy of Science,
Ceske Budejovice (CZ)**
The influence of tree species, stratum
and forest management - a case study
in the Schwäbische Alb, Germany

Hans Wiesenegger,
Hydrological Service Salzburg (AT)
Long-term monitoring - an obligatory
requirement for understanding changes
in the water cycle of Hohe Tauern
National Park

Martin Wiesmair,
University of Giessen (DE)
Remote sensing signals of erosion
and plant diversity in Kazbegi National Park
(Greater Caucasus, Georgia)

Martin Zimmer,
University of Salzburg (AT)
Soil macrofauna in undisturbed areas using
altitude as a proxy for climate change

Carina Zित्रa,
**Donau-Auen National Park GmbH,
Orth a.d. Donau (AT)**
Species inventory, ecology and seasonal
distribution patterns of culicidae
(Insecta: Diptera) in Donau-Auen National
Park

Awardees of the Nationalparks Austria Science Award 2013

**Magdalena Bernsteiner,
University of Salzburg (AT)**
Extracurricular Environmental Education
in the Hohe Tauern National Park

**Barbara Dillinger,
University of Vienna (AT)**
Strategies of wetland restoration
in the Waasen/Hanság (northern
Burgenland)

**Andreas Eckelt,
University of Innsbruck (AT)**
Living forests and dead wood - Saproxyllic
beetle communities in two suspected virgin
forest areas in Kalkalpen National Park
(Upper Austria)

**Sarah Friembichler,
University of Salzburg (AT)**
Potential habitats of the European Wildcat
(*Felis silvestris silvestris*, Schreber 1777)
in Austria - a basis for further steps
in conservation

**Verena Gfrerer,
University of Salzburg (AT)**
Examinations on alpine brown trout
populations (*Salmo trutta f. fario*)
in the province of Salzburg (Austria)

**Andrea Grabenhofer,
University of Vienna (AT)**
Ecophysiology of filamentous green algae
in astatic saline-alkaline ponds

**Agnes Hahn,
BOKU University Vienna (AT)**
Comparative fish stock assessment at
the Johnsbach brook and the Enns River
within the course of the EU LIFE-project
„Conservation strategies for woodlands
and rivers in the Gesäuse Mountains“

**Jürgen Hengsberger,
Technical University Munich (DE)**
Bird communities in distinctively mixed
alpine forests of the Ennstal Alps
in the Gesäuse National Park

**Franz Hölzl,
University of Vienna (AT)**
Population Density, Habitat Preferences
and Nest Predation of the River Warbler
(*Locustella fluviatilis*) in Donau-Auen
National Park, Eastern Austria

**Christian Kondler,
Pädagogische Hochschule
des Bundes Linz (AT)**
Educational opportunities of Austrian
National Parks as a sustainability-oriented
adult education – comparative analysis
of Gesäuse National Park and Kalkalpen
National Park

**Zsófia Krasznai,
BOKU University Vienna (AT)**
Analysis of potential breeding habitat
for the White-tailed Eagle (*Haliaeetus
alpicilla*) in Austria

**Henriette Krebs,
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Comparison of herbivore communities
on the native Field Maple *Acer
campestre* (L.) and the neophyte Box
Elder *Acer negundo* (L.)

**Franziska Lörcher,
University of Zurich (CH)**
Low genetic diversity of the reintroduced
bearded vulture (*Gypaetus barbatus*)
population in the Alps calls for further
releases

**Wolfgang Mayer,
University of Salzburg (AT)**
Epiphytic lichen communities in Kalkalpen
National Park, Austria, Upper-Austria

**Thomas Moitzi,
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Characterization of the six recent
woodpecker species in Kalkalpen National
Park and the development of a habitat-
model in GIS to evaluate the living space
of woodpeckers in the area of the National
Park

**Michael Plank,
University of Vienna (AT)**
Use of the forest canopy by bats
in temperate forests of Central Europe

**Jakob Pöhacker,
BOKU University Vienna (AT)**
Modelling of Habitat Preferences of
water pipits (*Anthus spinoletta spinoletta*)
in Gesäuse Nationalpark using Remote
Sensing and GIS

**Ronald Pöpl,
University of Vienna (AT)**
Investigating the role of humans as
(dis)connecting agents in fluvial systems -
new concepts and applications for fluvial
geomorphology and landscape research

**Florian Ritter,
BOKU University Vienna (AT)**
Summer mountain tourism in climate
change: Scenarios and need for action using
the example of the high Alpine trail network

**Matthias Schmidt,
University of Vienna (AT)**
An assessment of population status
and trends of the European Kingfisher
in the Donau-Auen National Park and
in eastern Austria

**Claudia Schütz,
University of Vienna (AT)**
Feeding behaviour of Ruffs during spring
migration at a stopover site of international
importance in Eastern Austria



Information

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Registration deadline:

Conference, excursion: 22 May 2013

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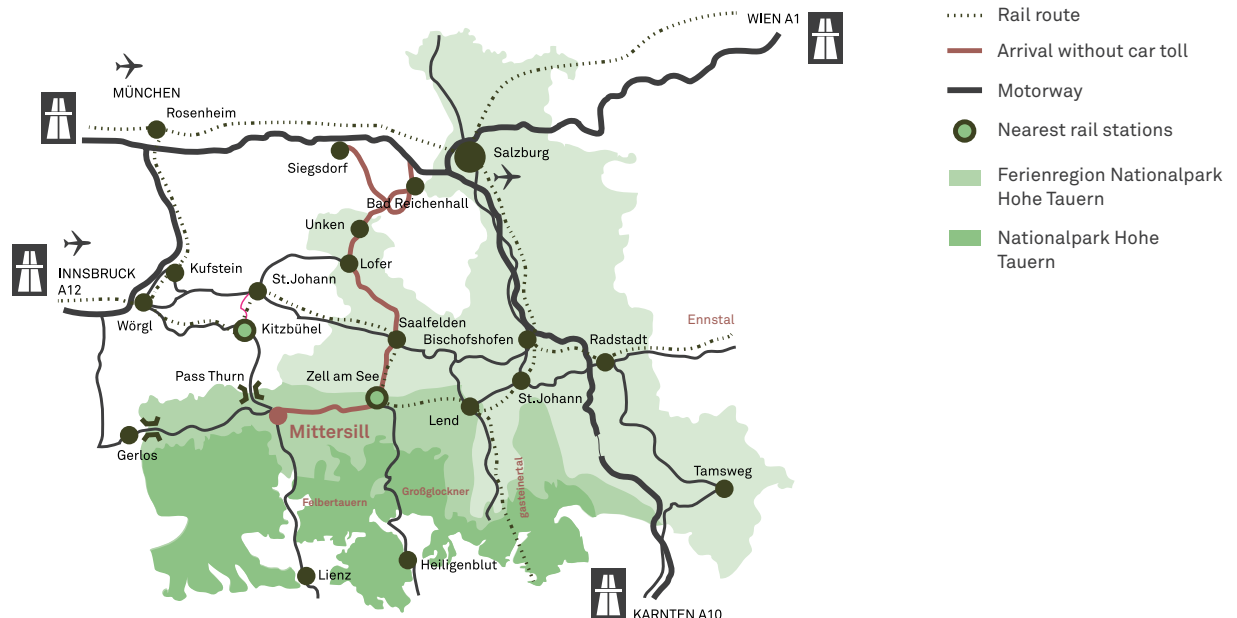
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