

agenda

Managing Alpine Future II
21-23 November 2011, Innsbruck

Session Schedule

Sunday, 20 November



from 09:00

FIELD TRIP "Renewable Energies in Alpine Regions (Kühtai)" led by A. Borsdorf, C. Pfurtscheller and C. Prager (prebooked)

Monday, 21 November

from 09:30 REGISTRATION

10:00 Free guided city tour
meeting point at Congress Innsbruck, main entrance (Rennweg 3, Innsbruck)

13:00 -14:00

WELCOME & CONFERENCE INTRODUCTION

Tilmann Märk, Acting Rector of the University of Innsbruck; LR Bernhard Tilg, Federal State of Tyrol & SR Patrizia Moser, City of Innsbruck

Impulse Presentation "From Managing Alpine Future 2007 to Managing Alpine Future II 2011"

A. Borsdorf, University of Innsbruck

14:00 -15:00 PLENARY I

Mountains in an Uncertain World From Salzburg-Obergurgl 1972 to 2012 and Beyond

Jack Ives, Carleton University

15:00 - 15:30 COFFEE BREAK

15:30 -16:30 PLENARY II

The Challenge of Long-term Climate Change

Mojib Latif, Leibniz Institute of Marine Sciences

16:30-17:00 PLENARY DISCUSSION

17:00 -19:00 POSTER SESSION including wine tasting

19:00 onwards

TYROLEAN EVENING (included in conference fee)

including

National Launch of the UNISDR World Disaster Reduction Campaign 2010-2015:

Making Cities Resilient: "My City Is Getting Ready"

Tuesday, 22 November

08:30 - 10:10 & 10:40-12:00 MORNING SESSIONS

Room	Freiburg	New Orleans	Aalborg	Grenoble	Igls
	Hydrology	Society & Culture	Spatial Planning	Natural Resources & Ecology	
08:30	<p><i>Keynote: Rolf Weingartner</i> Water and Global Change in Switzerland - From Understanding to Action</p>	<p><i>Keynote: Ulrike Proebstl</i> Climate Change and Consumer Behavior: Adaptation Strategies Based on Adaptation Intention</p>	<p><i>Keynote: Peter Greminger:</i> Risk Dialogue As a Must for Risk-based Spatial Planning.</p>	<p><i>Keynote: Martin Price:</i> The World's Mountain Forests: Values and Challenges.</p>	
09:10	<p>Analysing Changes in Flood Risks in an Alpine Catchment.</p> <p style="text-align: right;"><i>A. Thieken</i></p>	<p>Alpine Agriculture - Risks and Options of Future Water Scarcity.</p> <p style="text-align: right;"><i>K. Wagner</i></p>	<p>Applicability and Appropriateness of Hazard Prevention in Mountain Areas: Hazard Zone Planning in the Autonomous Province Bolzano South Tyrol.</p> <p style="text-align: right;"><i>C. Hoffmann</i></p>	<p>Mountain Forestry – Challenges.</p> <p style="text-align: right;"><i>R. Jandl</i></p>	
09:30	<p>Assessing the Impacts of Climate Change on Flood Frequency in an Alpine Watershed.</p> <p style="text-align: right;"><i>C. Dobler</i></p>	<p>Climate Change and the Vulnerability of Mountain Regions: Concepts and Methods Towards an Integrated Assessment.</p> <p style="text-align: right;"><i>M. Hagenlocher</i></p>	<p>Communication in Alpine Risk Governance: Unifying Internal and External Perspectives. Hazard Zone Planning in the Autonomous Province Bolzano South Tyrol.</p> <p style="text-align: right;"><i>S. Link</i></p>	<p>Forest Fire Research and Management Options in Austria: Lessons Learned from the AFFRI and the ALP-FFIRS Networks.</p> <p style="text-align: right;"><i>H. Vacik</i></p>	
09:50			<p>Integral Prevention of Natural Hazards Thanks to the Compulsory Building Insurance.</p> <p style="text-align: right;"><i>M. Feltscher</i></p>		

10:10 - 10:40 COFFEE BREAK

	Freiburg	New Orleans	Aalborg	Grenoble	Igls
	Hydrology	Society & Culture	Spatial Planning	Natural Resources & Ecology	
10:40	<p>Water Balance and Global Change: Future Perspectives for Alpine Farming.</p> <p style="text-align: right;"><i>G. Leitinger</i></p>	<p>Destinations as Place Development in Norwegian Mountain Areas?</p> <p style="text-align: right;"><i>T. Skjeggedal</i></p>	<p>Climate Change Impacts in the Bolivian Andes: from Water Shortage to Human Displacements.</p> <p style="text-align: right;"><i>R.A. Kaenzig</i></p>	<p>AlpFUTUR – An Inter- and Transdisciplinary Research Programme on the Future of Summer Pastures in Switzerland.</p> <p style="text-align: right;"><i>B. Koch</i></p>	
11:00	<p>MontanAqua: Approaching Water Stress in the Alps. Transdisciplinary Co-production of Water Management Options in the Crans-Montana-Sierre Region, Valais.</p> <p style="text-align: right;"><i>F. Schneider</i></p>	<p>The Individual and the Perception of Conflict, Communication, and Consensus at Mountainous Protected Areas in Iceland and Japan.</p> <p style="text-align: right;"><i>H. Jónasson</i></p>	<p>Land Use Change in Yaylas of the Eastern Black Sea Mountains, Turkey.</p> <p style="text-align: right;"><i>M. Somuncu</i></p>	<p>Establishing the Environmental Conservation and Sustainable Development in the Mountain Society of the Pamir.</p> <p style="text-align: right;"><i>T. Watanabe</i></p>	Global Initiatives Program Workshop (on invitation only)
11:20	<p>Securing Hydrological Ecosystem Services Through Catchment-wide Land-Use Management.</p> <p style="text-align: right;"><i>A. Gret-Regamey</i></p>	<p>Investigation Concerning the Evolution of the Term „Comfort“ in Contemporary Alpine Consumer Architecture.</p> <p style="text-align: right;"><i>A. Flora</i></p>	<p>The Charter of Rosengarten. Lobbying for Stronger Landscape Policies.</p> <p style="text-align: right;"><i>L. Ponticelli</i></p>	<p>Leaf and Ecosystem Response of Mountain Grassland Gas Exchange to Soil Water Availability.</p> <p style="text-align: right;"><i>G. Wohlfahrt</i></p>	
11:40	<p>Impacts of climate change on alpine water resources in Austria</p> <p style="text-align: right;"><i>T. Senoner</i></p>	<p>The Alps: Creative Summits or Fanciless Valleys?</p> <p style="text-align: right;"><i>J. Scharting</i></p>	<p>Participation in Mountain Forest Management and Its Impacts.</p> <p style="text-align: right;"><i>D. Himmler</i></p>		

12:00 - 13:20 LUNCH

13:20 - 15:00 & 15:30-17:30 AFTERNOON SESSIONS

Tourism & Energy		Society & Culture		Spatial Planning		Natural Resources & Ecology		Global Initiatives Program Workshop (on invitation only)
13:20	<i>Keynote: Bruno Abegg</i>	The Demographic Impact of New Developments in the Italian Alps. <i>E. Steinicke</i>		The "Alpenplan" as a Spatial Planning Tool for Steering Development in the Bavarian Alps - a Critical Appraisal. <i>H. Job</i>		Land Use and Biodiversity: An Indicator-set Supporting Sustainable Development <i>J. Rüdiger</i>		
13:40	Will Alpine Summer Tourism Benefit from Climate Change?	Dimensions of Demographic Change. Challenges for the Alps. <i>A. Borsdorf</i>		Challenges and Opportunities for the Sustainability of Mountain Areas in Chile. <i>C. Marchant</i>		Effects of Summer Drought on Carbon Dynamics in Mountain Grassland. <i>M. Bahn</i>		
14:00	The Effect of Snow-making on Water Flow in Major Streams of the Krkonoše Mts. National Park. <i>P. Tremel</i>	The Landscape-language Relation in the Raetho-Romanic Alps. A factor producing and Developing the Territory. <i>L. Ponticelli</i>		Designing Sustainable Pathways: The Highlands and Islands of Scotland in Transition. The Case of the Western Isles <i>I. Mose</i>		Connectivity Analysis of Riverine Landscapes. <i>A. Bou-Vinals</i>		
14:20	Glaciers, Snow and Ski Tourism in Austria's Changing Climate. <i>A. Fischer</i>	Do we Need Gender Equality for Sustainable Regional Development? <i>M. Schmitt</i>		UNISDR World Disaster Reduction Campaign 2010-2015: Making Cities Resilient. "My City is getting ready" <i>C. Duncan</i>				
14:40	Effects of Climate Change of Future Snow Conditions, Winter Tourism and Economy in Tyrol and Styria <i>U. Strasser</i>							

15:00 - 15:30 COFFEE BREAK

Tourism & Energy		Ethics & Politics		Climate Change				
15:30	Australian Snow Tourist's Perceptions of Climate Change: Implications for the Queenstown Lakes <i>D. Hopkins</i>	<i>Keynote: Aurelia Ullrich-Schneider</i>		<i>Keynote: Helga Kromp-Kolb</i>				
15:50	Alpine Airports as Gateways for Growing Incoming Ski Tourism: Relevance and Spatial Impacts. <i>T. Behnen</i>	Climate Change Response Measures: Think One Step Forward!		Climate Change - From Global Scale to Regional Mountain Scale				
16:10	Regional Tourism Systems in Times of Climate Change: How can you Empirically Measure Anthropospherical Adaptation to an Imminent Geospherical Pressure? <i>R. Wyss</i>	HD-Film and Social Media Use as a Tool for Policy Makers, NGO Members and Researchers Focusing on Methodological Possibilities and Examples from the Nepal Himalaya. High Alpine Changes. <i>H. Künkel</i>		Climate Change Adaptation in a High Mountain Environment, Developing a Monitoring Expert System for Hazardous Rock Walls. <i>I. Hartmeyer</i>				
16:30	Relative Regional Vulnerability and Resilience of the Austrian Winter Tourism Industry. <i>R. Steiger</i>	Life eQuality? Teenagers Inspiring Research into Quality of Life. <i>L. Keller</i>		Climate Change Center Austria - Vision, Mission and Structure <i>J. Stötter</i>				
16:50		The Blind Spot: The Discourse About Urban Sprawl in the Context of Particularism. <i>M. Perlik</i>		Assessment of the Reliability of Regional Climate Models in Austria <i>P. Stanzel</i>				
17:10		Social Capital as a Key Source for Sustainable Development in Protected Mountain Areas: Experiences from the Großes Walsertal Biosphere Reserve. <i>F. Borsdorf</i>						

18:00 -19:30 PUBLIC EVENING

"Alpenglüh'n - Leben in den Alpen im Zeichen des Klimawandels" - Plenary Discussion (German)

20:00 CONFERENCE DINNER at "Grauer Bär", Universitätsstraße 5-7

Wednesday, 23 November

08:30 - 10:10 MORNING SESSIONS

Freiburg	New Orleans	Aalborg	Grenoble	
<p>Tourism & Energy</p> <p>08:30 The Vulnerability of Swiss Alpine Tourism to Climate Change – An Analysis of Its Causes, Its Magnitude, and Its Spatial Heterogeneity.</p> <p><i>C. Matasci</i></p>	<p>Ethics & Politics</p> <p>Mountains as a "Geographic Specificity": Findings of the ESPON Applied Research Project GEOSPECS on the Situation of Mountain Areas in Europe.</p> <p><i>D. Borowski</i></p>	<p>Climate Change</p> <p>Changes in the Glacial and Periglacial Environment of the European Alps and the Central Asian Mountains and their Socio-Economic Implications: a Comparison.</p> <p><i>M. Mergili</i></p>		
<p>08:50 Renewable Energy in Alpine Areas – Desired, Ignored or Rejected? How Winter Sports Tourists Perceive Renewables in Five Austrian Skiing Areas.</p> <p><i>A. Jiricka</i></p>	<p>Costs of Alpine Hazards – Principles, Research Gaps and Recommendations.</p> <p><i>A. Thieken</i></p>	<p>Aspects of Climate Change in High Mountains of the Balkans.</p> <p><i>K. Grunewald</i></p>		
<p>09:10 Climate Change and Winter Tourism: A Stakeholders Perspective in the Tyrol Region.</p> <p><i>E. Trawöger</i></p>	<p>Looking at Mountains from Near and Afar. Coherence and Disparities in Definition, Identification and Characterization of Mountains and Mountain Communities in Norway from a Domestic and a Pan-European Observation Platform.</p> <p><i>T. Arnesen</i></p>	<p>Changes in Monsoon Pattern and its Impact on Water Resources: Community Responses and Adaptation.</p> <p><i>P.C. Tiwari</i></p>		
<p>09:30 Impacts of Climate Variability and Change on Tourism in Austria.</p> <p><i>J. Köberl</i></p>	<p>Peace through climate change adaptation – innovative paths in the Biosphere Reserve Cinturón Andino, Colombia</p> <p><i>A. Borsdorf</i></p>			
<p>09:50</p>				

10:10 - 10:30 COFFEE BREAK

10:30-11:30 PLENARY III

The Anthropocene

Paul Crutzen, Nobel Prize Laureate, Max-Planck-Institute for Chemistry

11:30 - 12:00 POSTER & SCHOOL PROJECT AWARDS

12:00 - 13:30 LUNCH

Partners

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POSTER PRESENTATIONS (poster exhibition will be shown throughout the conference)

Spatial Planning

- B. Thoeni* "Alpenpark Europa - Vision 2030".
A. Pfanzelt BEYOND USE - Phenomena Embedded in Abandoned Objects in the Alpine Territory between the Allgäu Region and Lake Garda.

Hydrology

- C. Promper* Analysis of Changing Channels in an Anthropogenic Influenced High Alpine Catchment.
C. Kormann Potential Future Water Scarcity in the European Alps: a Case Study in Tyrol, Austria.

Climate Change

- V.P. Uniyal* Long Term Ecological Monitoring Initiatives for Conservation of Gaumukh Glacier, Western Himalaya, Uttarakhand India.
T. Nagler CryoLand – GMES Service Snow and Land Ice.
C. Briese Radiometric Calibration of Airborne Laser Scanning Data for the Analysis of Alpine Cryosphere and Periglacial Environment.
M. Spross Quantitative Analysis of Local Snow Accumulation Patterns on an Alpine Glacier Surface Derived by LiDAR Data.
M.C. Nautiyal Effect of Elevated CO₂ on Diverse Plant Species of Alpine Broad Leaved Growth Forms.
H. Stötter Ten Years of ALS Measurements in the Hintereisferner Region (Ötztal Alps, Austria) – A Review and an Outlook.
C. Mitterer Ground-penetrating Radar: a Potential Method to Forecast Snow Avalanches in a Changing Climate.
M. Bremer FoCALs- Forest Change Assessment Using Laser Scanning, a Conceptual Framework for Area Wide Monitoring of Mountain Forests.

Natural Resources & Ecology

- M. Obriejetan* Long-term Sustainable Revegetation of Technical Slope Stabilization Systems in the Alpine Region.
A. Promis Species Diversity on Austrocedrus Chilensis Dominated Timberlines at the Northern Distribution on the Cachapoal River Basin, Chile.
R. Schuster Impact of Climate Warming on Growth of Conifers Exposed to a Dry Inner Alpine Environment.
O. Buchner Heat Tolerance of Alpine Plants – What are the Limits?
L. Rieg Vegetation on Alpine Rockglaciers: A Case Study from the Ötztal and Stubai Alps (Tyrol, Austria).
O. Sass The FIRIA Project: Towards Assessing Future Wildfire Hazard in Austria.
R. Bottarin Assessing Nitrate Vulnerability Related to Agricultural Activities: Specific Considerations for Mountain Catchments.
K. Berdyugin Anthroposphere and Biosphere Relationships in the Urals Region.
L. Fuehrer PROSECCO.ALPS - PROglacial Stream Ecohydrology and Climate Change Over the ALPS

Tourism & Energy

- M. Mayer* Determinants of Nature Tourists' Spending Behaviour in the Alps - Results and Implications from Simmental and Diemtigtal (Switzerland).
S. Erber Althouse in Andelsbuch
C. Gonseth Analysis of the Sensitivity of Ski Tourism Demand to Climate Change in Switzerland.
S. Tischler Integrated Traffic and Mobility Concepts for Alpine Tourism Areas – the Example of Wolkenstein, Italy.
L. Ponticelli The Dolomites Lavaze Pass. Negotiating Tourism Development and Landscape Diversity.
Y.L. Lee Multidisciplinary Assessments of Trail degradation for Framing Future Trail Management: Examination in Shei-Pa National Park, Taiwan.
C. Bauer Climate Change and Alpine Summer Tourism - Chances and Strategies in Vent and Obergurgl.

Society & Culture

- P. Fritzmann* Quantifying Changes in Alpine Land Use Using Remote Sensing Data - A Case Study at Bregenzer Wald, Vorarlberg.
M. Bacher Which Landscape do We Want in the Alps – and Can We Afford It?
U. Schirpke How Sustainable is Your Municipality? Monitoring Environmental, Social and Economic Aspects in South Tyrol, Italy.
B. Uniyal Livelihood Dependence on Natural Resources in Alpine Pastures by Women of Garhwal Himalaya, Uttarakhand, India.

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