



Final Conference

20 - 22 September 2011

Old University Graz, Austria
www.alpwaterscarce.eu

Agenda

20th September – Moderation Hans Zojer

09:00 - 10:00 Registration and Coffee on Arrival

10:00 Welcoming address

Siegfried Nagl – Mayor of Graz, Austria
 Eric Brunat – Vice President for International Affairs, University of Savoie, France
 Christian Salletmaier – Managing Authority, Alpine Space Programme
 Gunther Suetter – Local Organiser, Regional Government of Styria

11:00 Presentation of the Alpine Space Programme

Thomas Fleury, Joint Technical Secretariat, Germany

11:30 Hard and soft climate change facts for the past two centuries in the greater alpine region of Europe

Reinhard Böhm, Central Institute for Meteorology and Geodynamics ZAMG, Austria

12:00 - 13:00 Lunch Break

13:00 The impact of climate change on the hydrology of high elevation Alpine catchments: what we know and what we don't

Francesca Pellicciotti, Institute of Environmental Engineering, ETH Zürich, Switzerland

13:30 What could be the water use issues in the Alps in the mid-XXIst century?

Emmanuel Reynard, University of Lausanne, Institute of Geography, Switzerland

14:00 Alp-Water-Scarce – general overview on the project

Daniela Hohenwallner, EDYTEM, University of Savoie, France

14:15 The aims and objectives of Alp-Water-Scarce and the concept of an “Early Warning System”

Georges-Marie Saulnier, EDYTEM, University of Savoie, France

14:45 The Alp-Water-Scarce Pilot Sites and the atlas

Hermann Klug, Peter Zalavari & Barbara Hochwimmer, Z-GIS, University of Salzburg, Austria

15:00 - 15:30 Coffee Break

15:30 River Basin Management in Slovenia: Development of a decision support system for licensing water uses

Ales Bizjak, Institute for Water of the Republic of Slovenia, Slovenia

15:45 The Development of water management in the Province of Styria under consideration of actual climate change studies

Johann Wiedner, Government of Styria, Austria

16:00 Adapting water management of mountain areas to climate change. An example in the French Alps: the Department of Savoie

Pierre Paccard, Local Government Savoie, France

16:15 Past and current water management in Switzerland

Chris Robinson, Swiss Federal Institute of Aquatic Science and Technology, Switzerland

16:30 Water resources management and water scarcity in the Italian Alps

Maurizio Rosso, Politecnico di Torino, Italy

16:45 Discussion

17:00 - 19:00 Reception and Poster Session

21st September – Moderation Hans Zojer

08:30 Arrival and start

Session 1 Impact of climate change on Alpine water resources

08:30 **Water balance changes in Alpine catchments – from monitoring to scenarios**
Till Harum & Christian Reszler, Joanneum Research, Austria

08:45 **How does water scarcity impact water quality in Alpine aquifers?**
Martin Kralik, Federal Environment Agency, Austria

09:00 **Water scarcity and agriculture**
Klaus Wagner, Federal Institute of Agricultural Economics, Austria

09:15 **Discussion**

Session 2 Early warning systems to tackle water scarcity

09:30 **Water scarcity and drinking water supply – Development of an early warning system**
Christian Kopeinig & Gerhard Freundl, Province of Carinthia, Austria

09:45 **An early warning system for agriculture**
Miša Pušenjak, Slovene Chamber of Agriculture and Forestry, Slovenia

10:00 **The Piave river: an early warning system against agricultural droughts**
Raffaele Rampazzo & Claudio Vecellio,
Regional Agency for Prevention and Protection of the Environment of Veneto, Italy

10:15 **An early warning system for Megève, France**
Arnaud Brun, Society of Alpine Economics of Upper Savoy, France
William Castaings, EDYTEM, University of Savoie, France

10:30 **Discussion**

10:45 - 11:15 Coffee Break

Session 3 Ecological considerations

11:15 **Water scarcity and optimal ecological discharge**
Michael Doering, Swiss Federal Institute of Aquatic Science and Technology, Switzerland

11:30 **Water scarcity and development of biological indicators: a case study from Slovenia**
Nataša Mori, National Institute of Biology, Slovenia

11:45 **Discussion**

Session 4 Measures against water scarcity

12:00 **Water re-use: the example of the Rotaliana plain, Italy**
Bruno Maiolini, Agricultural Institute of San Michele all'Adige, Italy

12:15 **The Stakeholder Interaction Forum of Alp-Water-Scarce**
Angela Rollando, Development Agency Gal Genovese, Italy

12:30 **The Scrivia River Contract**
Cristina Calvi, Province of Alessandria, Italy

12:45 **Discussion**

Alp-Water-Scarce

Agenda

21st September – Moderation Hans Zojer

13:00 - 14:00 Lunch Break & Press Conference

14:00	The Alpine Space Programme Climate Change Cluster: Steps from a strategic call towards a truly cross-cutting adaptation strategy towards climate change adaptation in the Alpine Space Jochen Bürgel, Federal Environment Agency, Austria
14:10	Alp-Water-Scarce: A regional reflection on the example of the tourism resorts Obertauern and Werfenweng, Austria Zauner Susanne & Cornelia Heitzmann, Elisabethinum, Austria
14:25	Panel Discussion Regula Imhof, Alpine Convention Nicolas Evrard, Association of Mountain Elected Officials Renzo Scussel, Regional Agency for Prevention & Protection of the Environment of Veneto, Italy Bruno Saurer, Association of Styrian Water Supplier, Austria Mihael Brenic, Geological Survey of Slovenia, Slovenia Thomas Fleury, Alpine Space Programme
15:25 - 15:30 Closing of the Conference	

22nd September – Excursion

Other Contributors

Astengo A¹, Bertoncelj I², Brancelj A², Brenčič M³, Brun A⁴, Bruno C⁵, Carolli M⁵, De Bona A⁶, DeFrancesco C⁷, Dutto E⁸, Jamsek A⁹, Janetschek H¹⁰, Klemenčič-Kosi S⁹, Komma J¹⁷, Lachenal P⁴, Lascours S¹¹, Leskosek T², Mezek T², Mignone N⁸, Mourembles C¹¹, Neuwirth J¹⁰, Pascariello A⁸, Pergher P⁷, Poltnig W¹², Reszler C¹², Rikanovic R³, Salvaro M¹³, Schlamberger J¹⁴, Scussel R⁵, Siligardi M⁷, Suetta G¹⁵, Valentar V⁹, Varolo E⁵, Zadavec D⁹, Zalavari P¹⁶, Zessar H¹⁴, Zolezzi G¹³

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- 5 Agricultural Institute of San Michele all'Adige, Italy
- 6 Regional Agency for Prevention and Protection of the Environment of Veneto – Department for the Safety of Territory, Italy
- 7 Provincial Agency for Environmental Protection, Trento, Italy
- 8 UNCEM Piemont Delegation, Italy
- 9 Slovene Chamber of Agriculture and Forestry, Institute of Agriculture and Forestry Maribor, Slovenia
- 10 Federal Institute of Agricultural Economics, Austria
- 11 Local Government of Savoy, France
- 12 Joanneum Research, Austria
- 13 University of Trento, Department of Civil and Environmental Engineering, Italy
- 14 Regional Government of Carinthia, Department 8 (Competence Center Environment, Water and Nature protection), Austria
- 15 Government of the Province of Styria, Austria
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- 17 Institute of Hydraulic Engineering and Water Resources Management, Vienna University of Technology, Austria

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