

## Workshop Output WS 1.4 C

**Title of workshop: Subsistence Strategies for Mountain Regions**

**Prepared by**

<b>Moderators</b>	<b>Oeggli K. &amp; Stopp B.</b>
<b>Participants*</b>	<b>12</b>

\* Workshop participants that have submitted contributions to the workshop

General questions to please be answered in the workshop reporting

- 1) What was the focus of the workshop? Methodological issues and advancements or thematic issues (systems knowledge, transformation knowledge, target knowledge). Please check and fill in the matrix in the output section.

<b>Methodological issues and advancements</b>	<b>Thematic issues</b>		
	System knowledge	Transformation knowledge	Target Knowledge
	X		

- 1) Which key points were discussed in the workshop as a whole? (This should be more a synthesis and not simply a summary of the key points in each presentation)

*Former subsistence strategies in mountains of Europe and Americas during different cultural periods were discussed. Major issues were methodological problems in existing palaeo-studies and the necessity of modelling in some key-areas.*

- 2) What is your opinion on the current state of knowledge concerning your topic(s) (focusing on mountain regions)? *Please check and fill in the matrix on the following page.*

**Overall assessment of the state of:**

What is your personal opinion on the current state of knowledge concerning the topic(s) addressed in your workshop. Please tick the appropriate field. Brief explanations are appreciated.

State of knowledge	Very good	Good	Poor	Very poor	Not appropriate	Comments
Global				x		
Regional			x			<i>Which region? Alps</i>
Scattered case study-based knowledge			x			<i>Where? Salt mining in Hallstatt</i>
Knowledge about past states/trends			x			
Knowledge about current situation						N/A
Knowledge about future states/trends/thresholds						N/A
Knowledge about the system						
Knowledge about shaping pathways to more sustainable development (transformation knowledge)						N/A
Knowledge about envisaged goals (target knowledge)						N/A

Ideas for questions to potentially be answered by the moderators after the workshop in the reporting (please delete what is not useful):

- 1) Were there any new insights and/or findings presented? If yes, which ones?

*no*

- 2) What was the main message/consensus of your workshop?

*More detailed studies needed, in particular in mountain regions the role of mining (procurement of raw material) has to be considered in palaeo-subsistence studies.*

- 3) Were major uncertainty issues identified and discussed? If yes, which ones?

*yes, at the moment only single case studies of single cultural epochs are at hand. The knowledge of the operational sequences is too poor to enable an accurate reconstruction of subsistence strategies in the past.*

- 4) Was there any significant controversy (if so, what?) that requires new data (or further exploration of existing data) to resolve the issue? (explain)

*See above*

- 5) Were new research questions raised? If yes, would working on these questions need to involve other disciplines (which ones)?

*An increased application of modern analyzing techniques (sedDNA, stable isotopes) seems promising to close this knowledge gap.*

- 6) Did the workshop identify research topics (e.g. environmental drivers other than climate) that are, in your opinion, currently greatly underrepresented in mountain research, but should urgently be addressed?

*In palaeo-studies socio-economic issues should also be considered.*

**Further Comments**

Interesting format, but needs convincing in humanities