TOC

Alpine Space
- Mobility in Alpine Regions

Human Activities // Mobility // Spatial Structure
- Satisfaction of Needs
- Accessibility & Spatial Structure

Sustainable Spatial Development in Alpine Space
- Current Transformation Processes
- Sustainable Development ? Sustainable Development !
Introduction

Alpine Space
Alpine Space // Characteristics

Area of permanent Settlement

source: Statistics Austria, 2014
Alpine Space // Characteristics

Urbanization

population density (2010)
Alpine Space // Characteristics
Different Types of Land Use
Alpine Space // Characteristics

Different Types of Land Use & Mobility

source: Amt der Tiroler Landesregierung (2012)
Alpine Space // Characteristics

Conclusions

- outstanding topographic situation
- different types of land use
- various daily / weekly / seasonal rhythms of spatial processes
- overlapping spatial functions
- natural hazards
Human Activities // Mobility // Spatial Structure

- needs
  - moral concept and ideals of society
  - spatial function
  - basic functions
  - activities
  - spatial impact
Human Activities // Mobility // Spatial Structure
Accessibility in Alpine Regions
Human Activities // Mobility // Spatial Structure

Accessibility in Alpine Regions
SUSTAINABLE MOBILITY AND LIVING IN ALPINE METROPOLITAN REGIONS

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SUSTAINABLE MOBILITY AND LIVING IN ALPINE METROPOLITAN REGIONS

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Human Activities // Mobility // Spatial Structure

Conclusions

- basic human needs & functions haven’t changed
- location of opportunities changes and influences mobility & spatial structure
- Mountain Ranges are not a barrier to mobility
Sustainable Spatial Development in Alpine Space

Past
Sustainable Spatial Development in Alpine Space

Present
Sustainable Spatial Development in Alpine Space

Future (?)

Sustainable Mobility and Living in Alpine Metropolitan Regions

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Sustainable Spatial Development in Alpine Space
Public Awareness
Human Activities // Mobility // Spatial Structure

(sub)urban sprawl
Human Activities // Mobility // Spatial Structure

(sub)urban sprawl

1970
Human Activities // Mobility // Spatial Structure

(sub)urban sprawl

2005
Sustainable Spatial Development in Alpine Space

Disparities & Dependencies

- Spatial Disparities
- Temporary Disparities

Dependencies
- Transport Infrastructure
- External Conditions
Sustainable Spatial Development in Alpine Space

Sustainable?
Sustainable Spatial Development in Alpine Space
Resilience & Vulnerability
Sustainable Spatial Development in Alpine Space

Sustainable?
Sustainable Spatial Development in Alpine Space

Conclusions

- satisfaction of human needs and basic functions
- enable mobility for all groups of society
- ecologic and economic compliant basis
- characteristic features of mountainous areas
- public awareness of sustainability
Thanks for your attention!

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