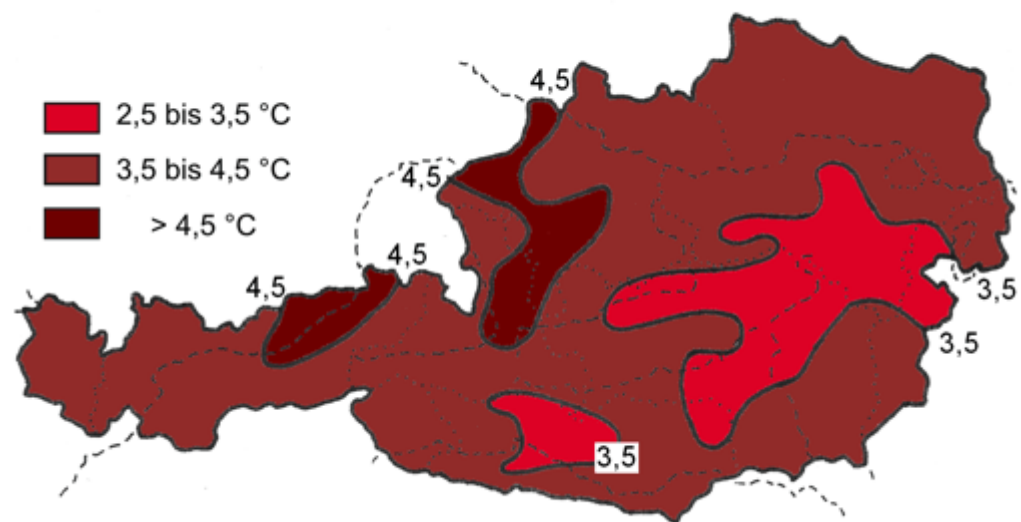


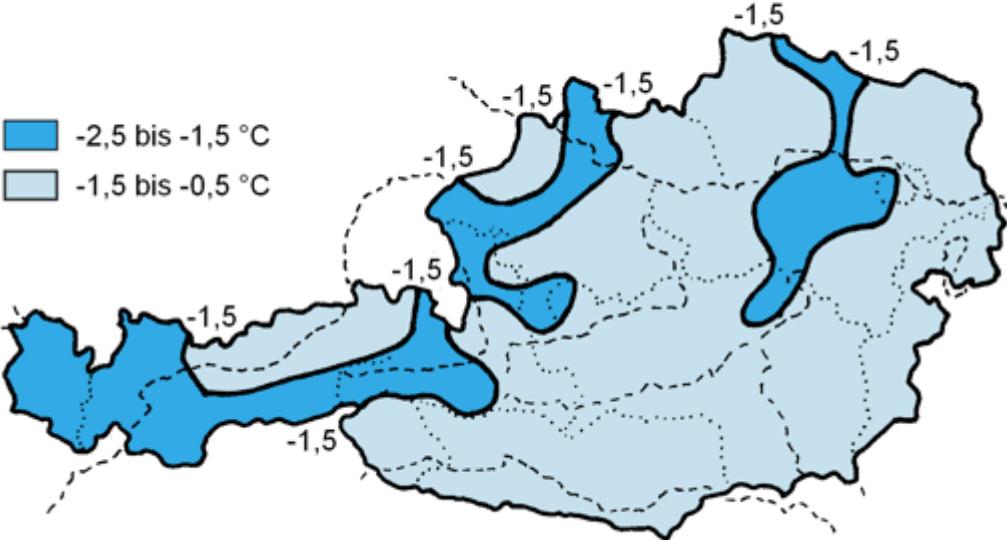


Temperaturabweichung Juli 2006

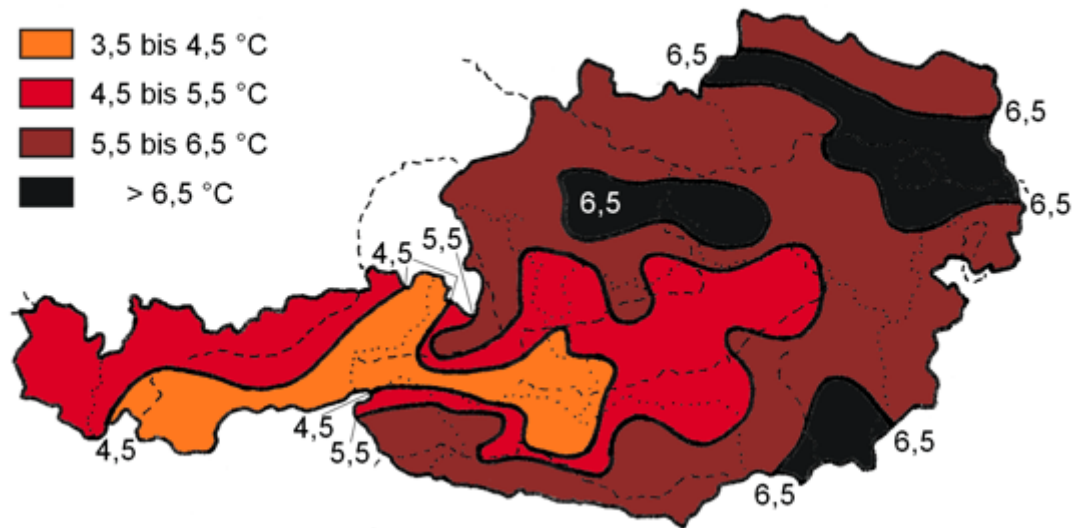


Temperaturabweichung August 2006

-  -2,5 bis -1,5 °C
-  -1,5 bis -0,5 °C



Temperaturabweichung Jänner 2007



Sea level rise: Nildelta



Sources: Otto Simonett, UNEP/GRID Geneva; Prof. G. Sestini, Florence; Remote Sensing Center, Cairo; DIERCKE Weltwirtschaftsatlas.

Key challenges in ADAGIO

- **Combining Bottom-up and Top-Down approach (methods?)**
- **Highlight differences between regions / problem areas:**
 - Montains vs. flat lands
 - Developed vs. Developing regions
 - Humid vs. arid regions
 - Type of vulnerabilities
 - Are differences in risks probablity increasing
 - Socio-economic interactions
 - Adaptation means : increasing positive effects or reducing risks
- Evaluating Methods of dissemination
- **Strategies for increasing acceptance:**
 - Making Money Approach?
 - Education / information ?
 - Ruling / laws
 - ...

List of participants as indicated in Annex 1 - Austria

Partner 1 (BOKU, Austria):

- Austrian Hail Insurance
- Federal Agricultural Research Services (e.g. Agricultural Research and Education Centre Raumberg-Gumpenstein)
- Selected “pioneer” farmers (5)
- Selected agricultural schools (1)
- Farmer organizations (organic farming)
- **Additional participants :**
 - LFI in Lower Austria, Styria (Farmers advisory organization)
 - LK in Salzburg
 - Agricultural Ministry (Responsible for rural Education, Responsible for young farmer organization)
 - Students and Researchers (Universities) (15)
- **Alltogether : ca. 35 confirmed participants till now**

Planned activities for WP2 - Austria

- **1 regional meeting (September 2007)**
- **Min. 3 national seminars in 3 different regions (Salzburg, Lower Austria, Styria) for farmers (Mai-December 2007)**
- **1 national meeting with advisors / institutions (higher level) from the list of participants (June 2007?)**
- **Including the topic of adaptation in student lectures (agrometeorology, riskmanagement) (March-june 2007)**
- **Presentations occasionally (schools, farmer organizations, etc.), (already 3 done)**
- **Articles in farmer journals (already 2 articles published)**
- **2 pilot assessments (proposal) :**
- Evaluating and analysis of local vulnerabilities in Austrian agriculture
- Analysis of feasibility of adaptation measures for Austrian grasslands and crops

Fields for further investigation in Austria within ADAGIO (evaluating expert knowledge etc.)

- Investigate feedbacks from economic and socioeconomic conditions on adaptation measures
- Multiple effects of adaptation measures often unknown (e.g. earlier seeding time vs. frost damage; increasing mulching vs. diseases, insect damage etc.)
- Yield risk under climate scenarios of local production conditions and current production systems (e.g. meadows vs. arable land)
- Water demand of biomass production under climate scenarios
- The potential of ecological farming for adaptation
- Adaptation options against soil erosion in various regions
- Changing potential of pests and diseases on main crops
- In which regions / for which crops irrigation could be an alternative
- Adaptation options for orchards / grapes
- ...?