

Influence of management and environmental factors on the movement of sheep on alpine pasture

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Introduction

- Traditionally sheep move free on alpine pastures
- Land use conflicts
- Desire to revive slowly declining pastures
- Practical grazing regimes





Grazing regime

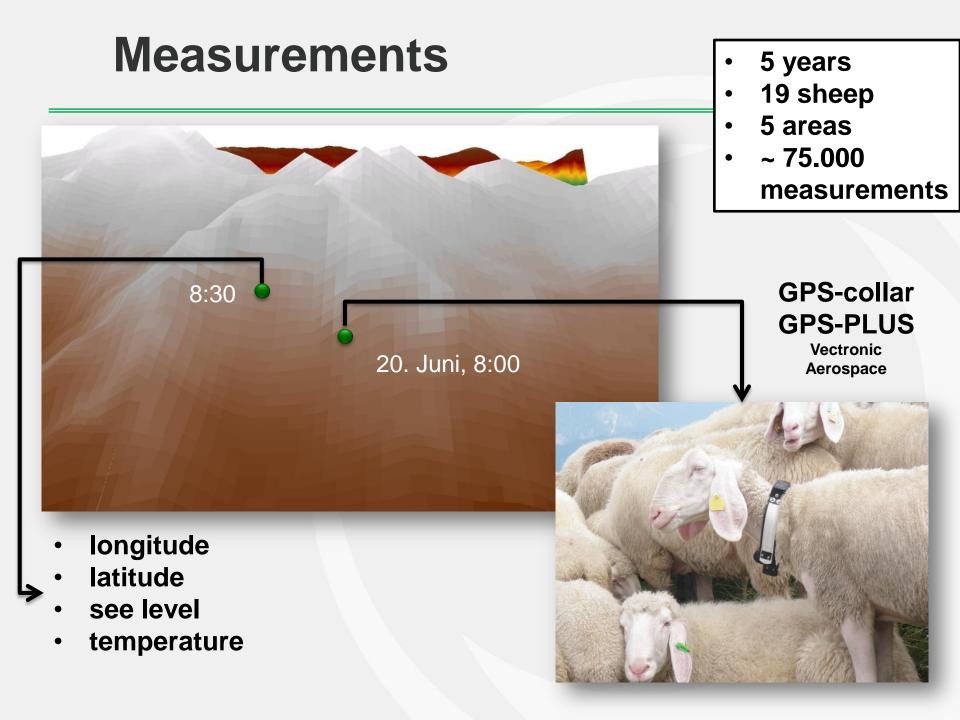
- Free grazing regime
- Guided grazing regime
- Guarded grazing regime
- Paddock grazing



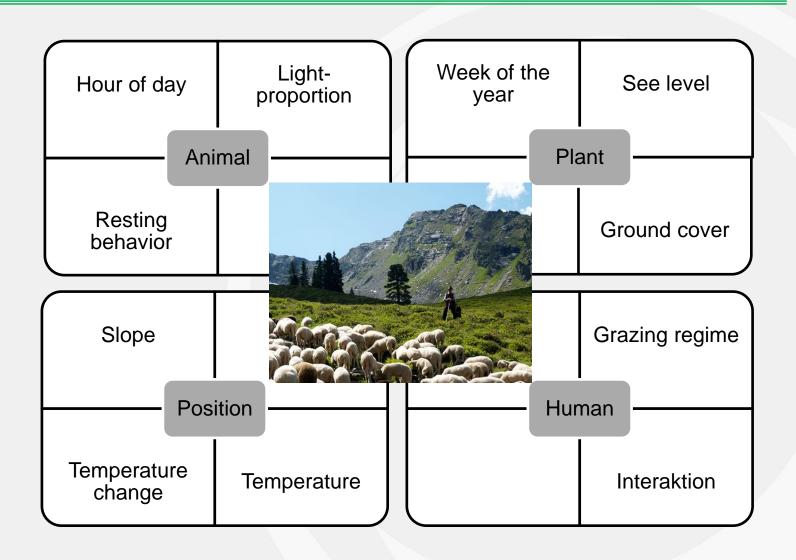




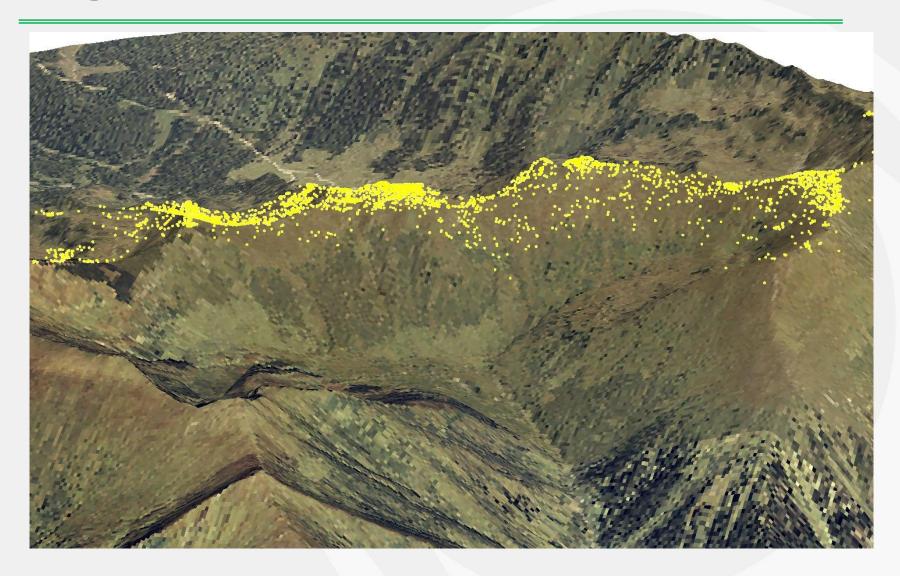




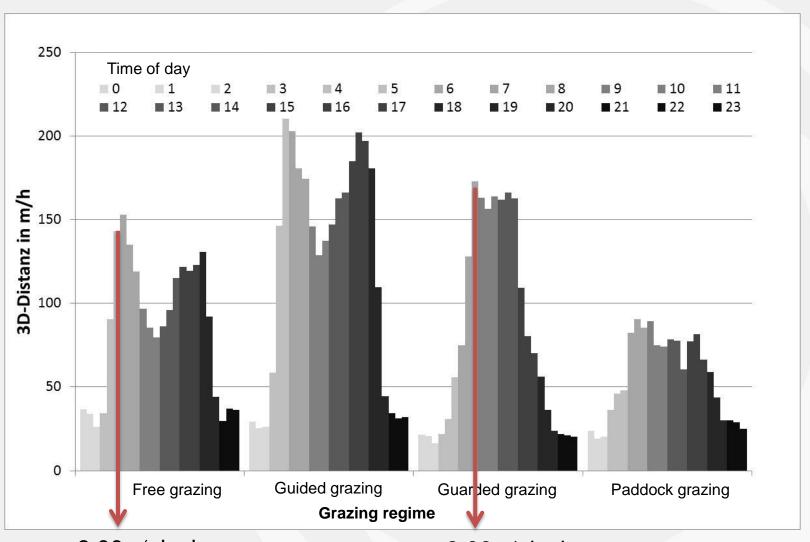
Factors affecting movement



Segment points



Movement during a day

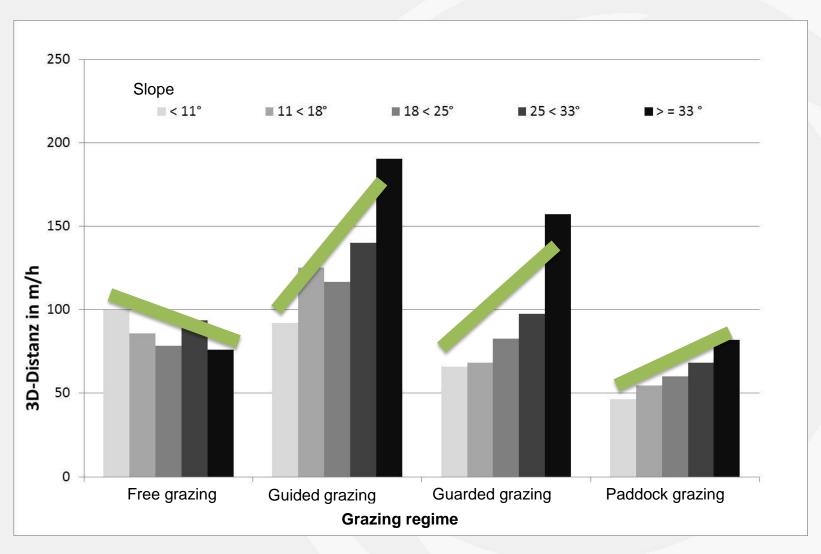


6:00 o'clock

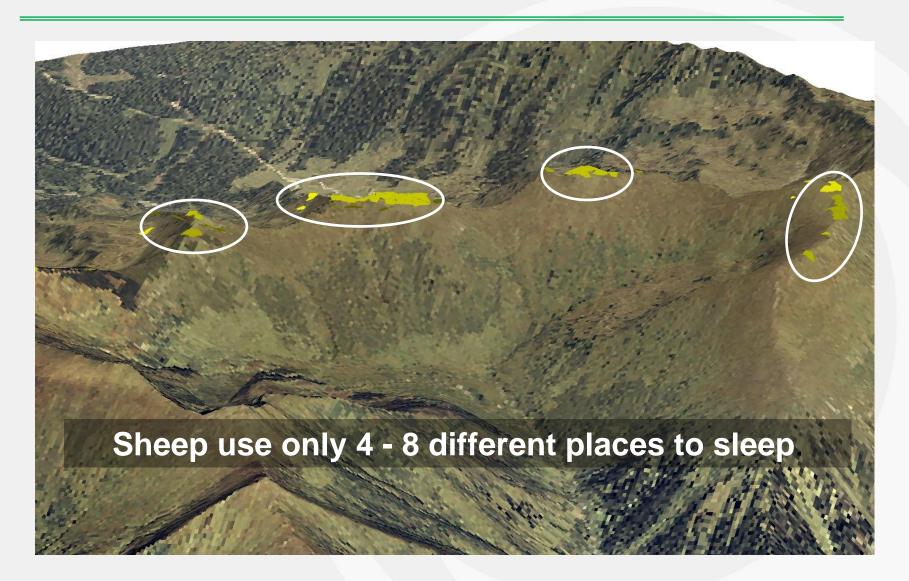
9:00 o'clock

Movement and terrain

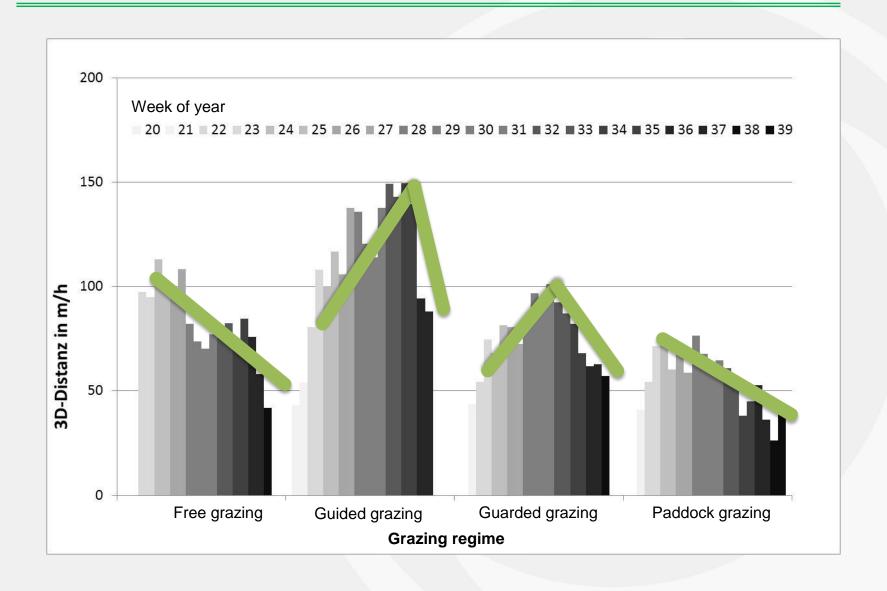




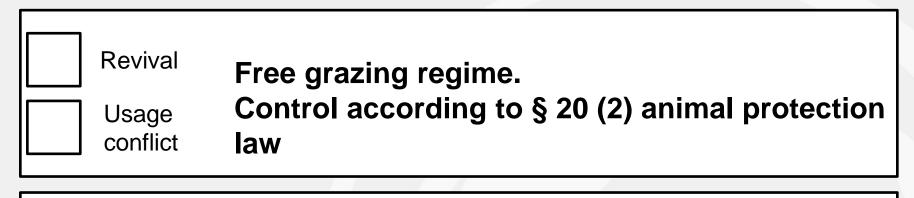
Resting behavior during the night



Movement during week of year



Recomentation





Revival

Usage conflict At the beginning of the grazing period have a high stocking rate and fence a large area. Additional feeding is possibel. Thereafter free pasture.



Revival



Usage conflict A shepherd guide the flock. Also a large scaled fenced area is helpful.