







Alpine Pasture Evaluation Model

A model for the evaluation of **suitability** and estimation of **forage potential** of alpine pastures:

- Qualitative approach

 ...evaluation of suitability...

 Raster-based classification of pasture area
- Quantitative approach

 ...estimation of forage potential...

 Raster-based (spatially explicit) calculation of biomass and energy yield

Quantitative approach

- Classification of vegetation into "forage types"
 - Rich pastures
 - Ski runs
 - Rough pastures
 - Dwarf shrubs
- Estimation Biomass and energy yield is derived from regressions/statistical models, specific for the region, supported by expert knowledge, along the altitudinal gradient (length of vegetation period)













