

# Thinning Experiment in Yatir Forest

Autumn 2009 - forest plots (70m X 70 m) thinned to  
300 trees/ha (approximate baseline)

200 trees/ha

100 trees/ha

**147 trees monitored - stem growth, needle length, PAR, VPD, gas  
exchange (photosynthesis (A) and transpiration (T))**

**Measurements -repeated 5 field days per year**

# Observations



- Sap flow, leaf water potential, and biomass were measured in plots before and after thinning