



Carbon balance of mountain forests close to timberline – Effect of encroachment

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Mountain forests are strongly affected by climate change effects. The migration of trees into alpine pastures affects the local carbon budget. The soils are accruing carbon and the tree biomass further enhances the local carbon pool. In a simulation exercise combining a forest growth model and a soil carbon model we followed the temporal trend of the ecosystem carbon pool under different management scenarios and climate scenarios. – The data evaluation is currently in progress.