

Albedo-mediated interactive effects of land- and snow cover changes on the radiative forcing in Northern Italy

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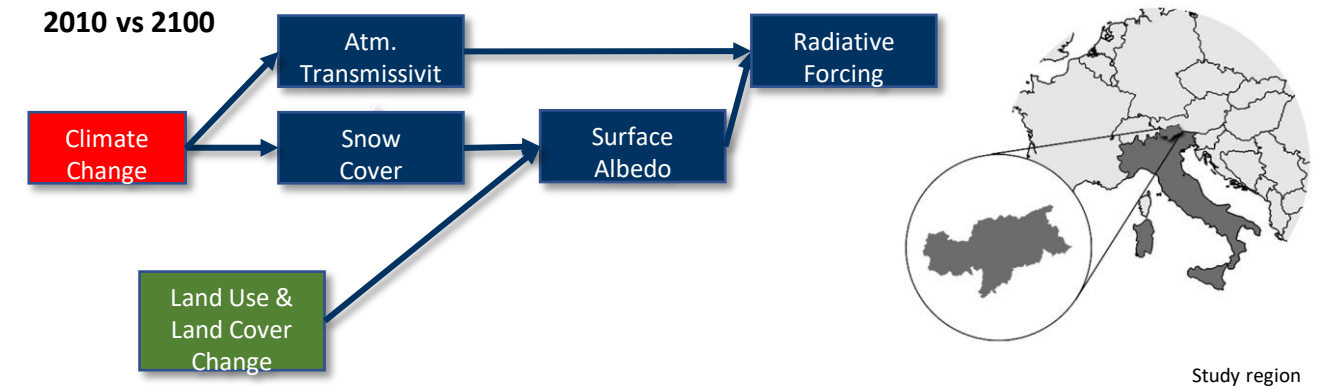
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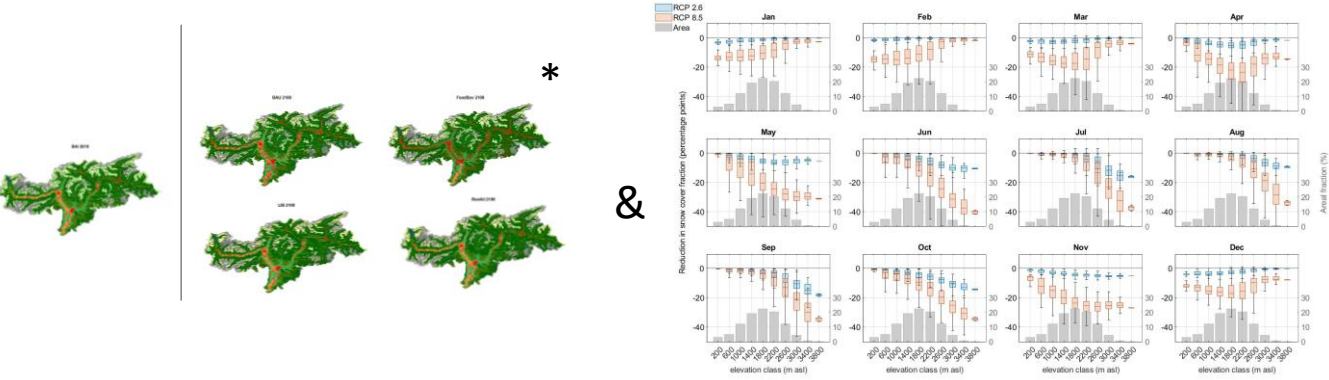
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What’s more important when it comes to RF for this region, climate change or land use change?

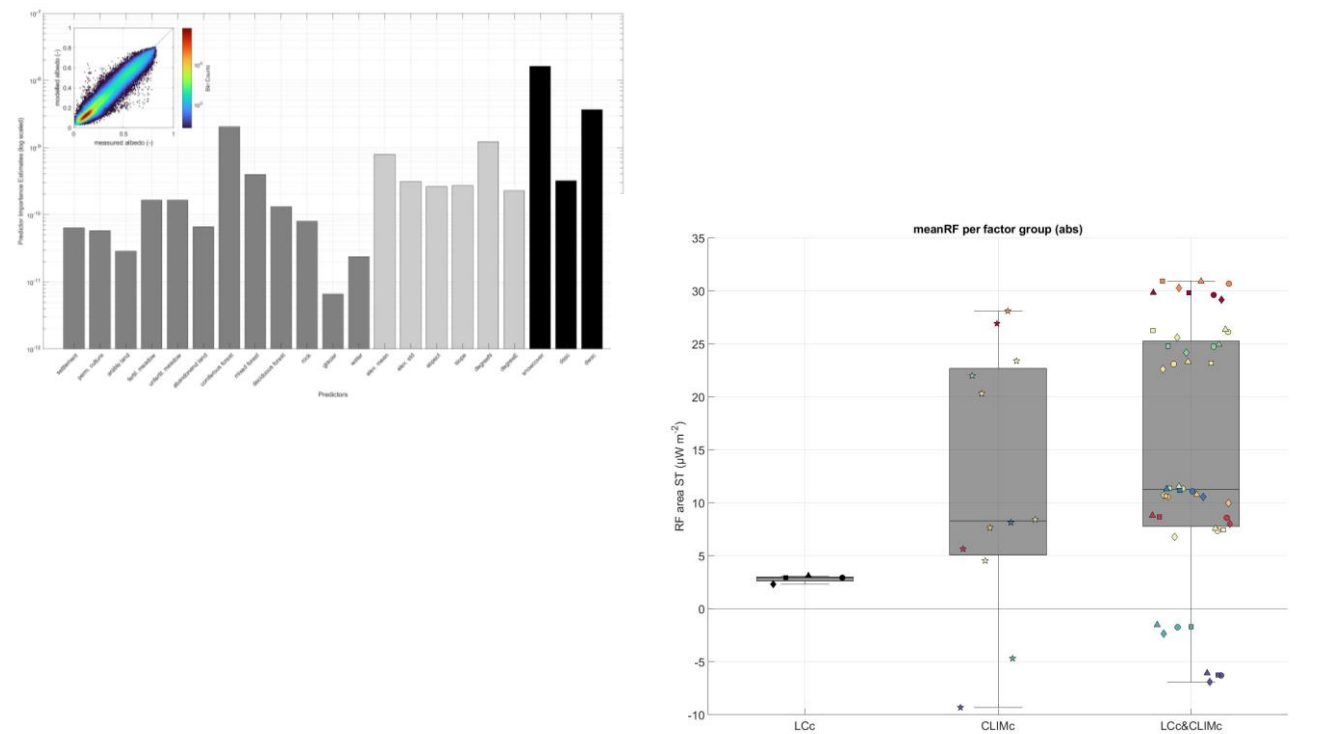
Underlying concept and study region



4 future land use and land cover scenarios combined with 12 future climate scenarios, and the 48 combinations thereof



Model performance und outcomes



* U. Schirpke, S. Tscholl, E. Tasser (2020) Spatio-temporal changes in ecosystem service values: Effects of land-use changes from past to future (1860–2100), Journal of Environmental Management, 272, <https://doi.org/10.1016/j.jenvman.2020.111068>.