

Annika K. Jägerbrand**Publikationer***Egen publicering i referee-granskade tidskrifter*

1. Juha Alatalo, Annika Jägerbrand, Jaanis Juhansson, Anders Michelsen, and Peter Luptáčík. Accepted 2017. Impacts of twenty years of experimental warming on soil carbon, nitrogen, moisture and soil mites across alpine/subarctic tundra communities. Accepted for publication in Scientific Reports 2017-02-08.
2. Alatalo, J.M., Arshad, A, Molau, U. Bai, Y., Jägerbrand, A.K. 2016. Diversity-productivity dependent resistance of an alpine plant community to different climate change scenarios. Ecological Research, DOI 10.1007/s11284-016-1403-6, published online 6 October 2016.
3. Jägerbrand, A.K. 2016. LED (Light Emitting Diode) Road Lighting in Practice: An Evaluation of Compliance with Regulations and Improvements for Further Energy Savings. Energies 9(5): 357, doi:10.3390/en9050357. Published online 11 May 2016.
4. Jägerbrand, A.K. and Kudo, G. 2016. Short-term Responses in Maximum Quantum Yield of PS II (Fv/Fm), to ex situ Temperature Treatment of Populations of Bryophytes Originating from Different Sites in Hokkaido, Northern Japan. Plants 5(2), 22, DOI: 10.3390/plants 5020022. Published online 26 April 2016.
5. Jägerbrand, A.K. and Sjöbergh, J. 2016. Effects of weather conditions, light conditions, and road lighting on vehicle speed. SpringerPlus 5:505, DOI 10.1186/s40064-016-2124-6. Published online 23 April 2016.
6. Alatalo, J.M., Jägerbrand, A.K., Molau, U. 2016. Impacts of different climate change scenarios and extreme climatic events on an alpine meadow community. Scientific Reports 6, article number:21720, doi doi:10.1038/srep21720. Published online 18 February 2016.
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11. During, H.J., Verduyn, B. and Jägerbrand, A.K. 2015. Biomechanical properties of the terrestrial mosses Pleurozium schreberi (Brid.) Mitt. and Pogonatum japonicum Sull. & Lesq. along altitudinal gradients in northern Japan. Arctoa 24: 375-381.
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13. Alatalo, J.M., Jägerbrand, A.K. and Molau, U. 2015. Testing reliability of short-term responses to predict longer-term responses of bryophytes and lichens to environmental change. *Ecological Indicators* 58: 77-85. Published 10 June 2015.
14. Alatalo, J.M., Little, C.J., Jägerbrand, A.K., and Molau, U. 2015. Vascular plant abundance and diversity in an alpine heath under observed and simulated global change. *Scientific Reports* 5, article number 10197, doi:10.1038/srep10197. Published 7 May 2015.
15. Robertson, K., Jägerbrand, A.K., and Eriksson, J.R. 2015. Regional transport indicators used in Sweden for measurement reporting and verification of CO₂ emissions. *Challenges* 6: 55-70. Published 15 April 2015.
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21. Alatalo, J.M., Little, C.J., Jägerbrand, A.K., and Molau, U. 2014. Dominance hierarchies, diversity and species richness of vascular plants in an alpine meadow: contrasting short and medium term responses to simulated global change. *PeerJ* 2:e406. <http://dx.doi.org/10.7717/peerj.406>
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25. Jägerbrand AK, Alatalo JM, Chrimes D & Molau U. 2009. Plant community responses to five seasons of simulated environmental change at Latnjajaure, northern Sweden. *Oecologia* 161: 601-610.
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2. Pracki, P & Jägerbrand, AK. 2013. Application of road lighting energy efficiency evaluation system in practice. Full text paper in CIE Conference proceedings 2013. Proceedings of CIE Centenary Conference "Towards a New Century of Light", April 15/16 2013, Paris, France. CIE x038:2013, 1038-1043.
3. Jägerbrand, AK. 2013. Comparison of different light sources on pedestrian and bicycle road. Abstract at the CIE Centenary Conference "Towards a New Century of Light", April 15/16 2013, Paris, France.

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- Jägerbrand, AK, Björk RG, Callaghan TV, Seppelt R. Effects of Climate Change on Tundra Bryophytes. 2011. Chapter in the book: Climate change and bryophyte ecology, (ed: Nancy Slack, Zoltan Tuba and Lloyd Stark), Cambridge University Press.

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