

Julia Martin, M.Sc.

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🌐 <https://www.wgtn.ac.nz/antarctic/about/grad-students/julia-martin>



Employment History

- 2022 ▣ **Scientist.** Permafrost Research, Alfred Wegener Institute for Polar and Marine Research, Potsdam, Germany.
- 2019 – 2022 ▣ **Student assistant.** Permafrost Research, Alfred Wegener Institute for Polar and Marine Research, Potsdam, Germany.
- 2017 – 2018 ▣ **Intern.** Snow Physics, WSL Institute for Snow and Avalanche Research SLF, Davos, Switzerland.
- 2015 ▣ **Intern.** Glaciology, Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany.

Education

- 2022 – ▣ **Ph.D., Victoria University, Wellington, New Zealand .** Antarctic Research Centre (Snow science). Marsden scholarship.
Thesis (working) title: *Snow on Antarctic Sea Ice.* (Dr. Ruzica Dadic)
- 2018 – 2022 ▣ **M.Sc., University of Bremen (AWI, Potsdam).** Geoscience (Permafrost).
Thesis title: *Influence of the inter-annual variability of snow physical properties on the ground thermal regime - through observations and modelling (Samoylov Island, Siberia).* (Prof. Dr. Julia Boike)
- 2015 – 2018 ▣ **B.Sc., Free University of Berlin (SLF, Davos).** Geological Sciences (Snow Physics).
Thesis title: *Impact of sampling procedures on snow specific surface area measurements with the IceCube.* (Dr. Martin Schneebeli)

Publications

Journal Articles

- 1 Martin, J., & Schneebeli, M. (2022). Impact of the sampling procedure on the specific surface area of snow measurements with the icecube. *EGUsphere*, 2022, 1–13.
[🔗 doi:10.5194/egusphere-2022-501](https://doi.org/10.5194/egusphere-2022-501)
- 2 Boike, J., Chadburn, S., Martin, J., Zwieback, S., Althuisen, I. H., Anselm, N., ... Wilcox, E. J. (2021). Standardized monitoring of permafrost thaw: A user-friendly, multi-parameter protocol. *Arctic Science*. [🔗 doi:10.1139/AS-2021-0007](https://doi.org/10.1139/AS-2021-0007)

Conferences (oral presentations)

- 1 Martin, J., Jentzsch, K., Bornemann, N., Cable, W., Gallet, J.-C., Lange, S., ... Boike, J. (2021). 7435: Near real-time observations of snow water equivalent for sios on svalbard – (swesos). In *Svalbard science conference 2021 - book of abstracts* (p. 162). Retrieved from
[🔗 https://forskningradet.pamelidingssystem.no/svalbard-science-conference-2#/program](https://forskningradet.pamelidingssystem.no/svalbard-science-conference-2#/program)