

Katrín Björnsdóttir

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EDUCATION

- 2020- **PhD, University of Gothenburg**
Arctic ecosystems, vegetation, microclimate, plant-soil interactions, carbon fluxes, herbivory
- 2016-2018 **M.Sc. biology. University of Iceland**
Arctic ecosystems, plant-soil interactions, climate warming, herbivory
- 2012-2015 **B.Sc. biology. University of Iceland**

EMPLOYMENT

- 2018-2019 **United Nations University Land Restoration Training Programme**
Project manager - further information about the programme [here](#).
- 2018 **University Centre of Svalbard**
Teaching assistant
- 2017-2018 **University of Iceland**
Teaching assistant
- 2015-2018 **University of Iceland**
Field and lab assistant in Iceland and Svalbard

ADDITIONAL TRAINING

- 2018, July **TraitTrain – International Plant Functional Traits Course**
4 ETCS field course, 16-27 July 2018 in Svalbard - further information [here](#).
- 2017, July **University Centre in Svalbard (UNIS)**
10 ETCS course in Arctic Plant Ecology

PUBLICATIONS

- Jónsdóttir, IS, ... **Björnsdóttir, K**, ... Vandvik, V. 2022. Intraspecific trait variability is a key feature underlying high Arctic plant community resistance to climate warming. *Ecological Monographs*. Accepted Author Manuscript e1555.
- Lembrechts, JJ, ... **Björnsdóttir, K**, ... Lenoir, J. 2022. Global maps of soil temperature. *Global Change Biology* 28, 3110–3144.
- Soininen, EM, ... **Björnsdóttir, K**, ... Speed, JDM. 2021. Location of studies and evidence of effects of herbivory on Arctic vegetation: a systematic map. *Environmental Evidence* 10(25).
- **Björnsdóttir, K**, Barrio, IC, Jónsdóttir, IS. 2021. Long-term warming manipulations reveal complex decomposition responses across different tundra vegetation types. *Arctic Science* 8(3), 979-991.
- Mulloy, TA, Barrio, IC, **Björnsdóttir, K**, Jónsdóttir, IS, Hik, DS. 2019. Fertilisers mediate the short-term effects of sheep grazing in the Icelandic highlands. *Icelandic Agricultural Sciences* 32, 75–85.

Funding

- 2019 **Icelandic Energy Research Fund - 3,000,000 ISK**
Trapped in a degraded state? Tundra ecosystem responses to grazing protection
- 2010 **Blikastaðasjóður (Agricultural University of Iceland) - 1,000,000 ISK**

Conference talks

- Björnsdóttir, K, Barrio, I, Jónsdóttir, I. (2021, April). Long-term warming manipulations reveal complex decomposition responses across different tundra vegetation types. Conducted at the Icelandic Nordic Oikos conference, Reykjavík, Iceland.
- Björnsdóttir, K, Barrio, I, Jónsdóttir, I. (2018, February). Decomposition responses to climate warming in the high and sub-Arctic. Conducted at the Nordic Oikos Conference, Trondheim, Norway.
- Björnsdóttir, K, Barrio, I, Jónsdóttir, I. (2017, October). Decomposition responses to climate warming and sheep grazing in the high and sub-Arctic. Conducted at the Icelandic Biology Conference, Reykjavík, Iceland.

Poster presentations

- Björnsdóttir, K, Barrio, I, Jónsdóttir, I. (2018, April). Decomposition responses to climate warming in the high and sub-Arctic. Poster presented at the 22nd ITEX meeting, Stirling, Scotland. [Best poster award].
- Björnsdóttir, K, Barrio, I, Jónsdóttir, I. (2017, March). Decomposition responses to climate warming and sheep grazing in the high and sub-Arctic. Poster presented at the Icelandic Ecological Conference, Hólar, Iceland. [Best poster award].

REFEREES

Anne Bjorkman, Senior Lecturer, University of Gothenburg (anne.bjorkman@bioenv.gu.se)

Ingibjörg S. Jónsdóttir, Professor, University of Iceland (isj@hi.is)

Isabel C. Barrio, Professor, Agricultural University of Iceland (isabel@lbhi.is)