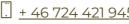
# Katrín Björnsdóttir

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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

B.Sc. biology. University of Iceland 2012-2015

**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.

University Centre in Svalbard (UNIS) 2017, July

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).
- Biörnsdóttir, 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 shortterm 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 (isi@hi.is)

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