

## **Lisa Degenhardt**

187 Harborne Lane, B29 6SS Selly Oak, Birmingham, United Kingdom  
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### **Education:**

**PhD Study**, ongoing since October 2019

University of Birmingham, United Kingdom

Project Titel: "Seasonal to sub-decadal variability of extreme windstorms over Europe"

**Master of Science**, Meteorology, September 2019

Freie Universität Berlin, Berlin-Steglitz/Dahlem, Germany, final grade: 1.5 (first)

Thesis: „The role of upper vs. lower tropospheric baroclinicity on severe storms over Central Europe and Iceland: observational results and climate scenarios"

**Bachelor of Science**, Meteorology, December 2016

Freie Universität Berlin, Berlin-Steglitz/Dahlem, Germany, final grade: 2.0 (first)

Thesis: „Statistical Analysis of Temperature Measurement in Relation to total Radiation

**University entrance examination**, German Abitur, May 2013

SECONDARY SCHOOL, Primo-Levi School, Berlin, Germany, final grade: 1.6 (first)

### **Scientific Peer-reviewed Publications**

**Degenhardt L, Ólafsson H.** Persistence of observed air temperatures in Iceland. *Int J Climatol*. 2018;1–14. <https://doi.org/10.1002/joc.5875>

### **Conference contribution:**

#### **Oral Presentation**

##### **8<sup>th</sup> European Wind Storm Workshop 2019 – University of Birmingham**

- Degenhardt, Lisa; Grieger, Jens; Ólafsson, Haraldur; Ulbrich, Uwe (2019) The role of upper vs. lower tropospheric baroclinicity on severe storms over Central Europe and Iceland: Observational results and climate scenarios.

##### **EGU (European Geoscience Union) 2019 -Vienna Austria**

- Degenhardt, Lisa; Moran, Thomas; Grieger, Jens; Ólafsson, Haraldur; Ulbrich, Uwe (2019) The role of upper vs. lower tropospheric baroclinicity for the development of severe storms over the North Atlantic in climate scenarios, In 21th EGU General Assembly, Abstract Nr. EGU2019-16906

##### **EGU (European Geoscience Union) 2018 -Vienna Austria**

- Degenhardt, Lisa; Ólafsson, Haraldur (2018) Sub-seasonal temperature forecasting in Europe and Iceland, In 20th EGU General Assembly, Abstract Nr. EGU2018-6867

#### **Poster (lead author)**

##### **EGU 2018 -Vienna Austria**

- Degenhardt, Lisa; Ólafsson, Haraldur (2018) Mean monthly temperature persistence, In 20th EGU General Assembly, Abstract Nr. EGU2018-6911

##### **ICAM (International Conference of Alpine Meteorology) 2017 - Reykjavik Iceland**

- Degenhardt, Lisa; Ólafsson, Haraldur (2017), Persistence of Monthly Mean 2-Meter-Temperatures for Central Europe, Book of Poster Abstracts ICAM2017, Poster Nr. P-07.12
- Degenhardt, Lisa; Ólafsson, Haraldur (2017) Persistence of 2-Meter-Temperatures in Iceland, Book of Poster Abstracts ICAM2017, Poster Nr. P-07.13

#### **Poster Co-Author**

##### **EGU 2019 - Vienna, Austria**

- Rasol, Dubravka; Degenhardt, Lisa; Ólafsson, Haraldur (2019) Is persistence useful for sub-seasonal prediction in Croatia? In 21th EGU General Assembly, Abstract Nr. EGU2019-17155

#### **EGU 2018 - Vienna Austria**

- Rasol, Dubravka; Degenhardt, Lisa; Ólafsson, Haraldur (2018) Variability in surface air temperature persistence in the Eastern-Adriatic, In 20th EGU General Assembly, Abstract Nr. EGU2018-9775

#### **Conference Attendance**

8<sup>th</sup> European Wind Storm Workshop 2019 (University of Birmingham, UK)

EGU 2019 (Vienna, Austria)

EGU 2018 (Vienna, Austria)

ICAM 2017 – International Conference for Alpine Meteorologie (Reykjavik, Iceland)

DACH 2016 – Meteorological Conference for German-speaking countries (FU Berlin, Germany)

#### **PROFESSIONAL EXPERIENCE**

##### **Internships (subject relevant, but extra-curriculum)**

- Icelandic Weather Service: **Vedurstofa Islands**  
Reykjavik, Iceland, 6 months: 1<sup>st</sup> April to 30<sup>th</sup> September 2017
- **Deutscher Wetterdienst** (DWD - Germany's National Meteorological Service)  
Department Hydrometeorology  
Berlin-Buch, Germany, 6 weeks: 15<sup>th</sup> February to 25<sup>th</sup> March 2016

##### **Working experience**

###### **Subject relevant:**

###### **Student Assistant, Freie Universität Berlin, Germany**

- Working Group ***Climate Diagnostics and Extreme Meteorological Events***, October 2017 to September 2019
- Weather observation, October 2015 to May 2019

###### **Extra-curriculum activities:**

- Microscopical analyse of pollen data, September 2016 to January 2017

###### **Conference Student Assistant:**

- EGU 2019, Vienna, Austria, 7<sup>th</sup> to 12<sup>th</sup> April 2019
- EGU 2018, Vienna, Austria, 8<sup>th</sup> to 13<sup>th</sup> April 2018
- ICAM 2017, Reykjavik, Iceland, 18<sup>th</sup> to 23<sup>th</sup> June 2017

###### **Academic Prizes:**

- NERC CENTA Funding (Stipend for PhD project)
- EU-ERASMUS+ (scholarship for my internship in Iceland)

###### **Voluntary Work:**

- Student Representative, NERC CENTA 2019 Cohort
- Student Representative, Institute of Meteorology, since October 2017

###### **Programming Skills:**

- Excellent knowledge in R
- Basic Knowledge in Python
- Intermediate Knowledge with Linux/Shell