

# Ingeborg Klarenberg Curriculum Vitae

ingeborg.klarenberg@gmail.com | 25 september 1988 (Gräfelfing, Germany) | Dutch

## Education

### **2013 – 2015 MSc Environmental Sciences, specialization: Global Change & Ecosystems**

Thesis: “Microbial community dynamics and extracellular enzyme activities in ancient and modern carbon degradations in northeast Siberia”

*Utrecht University*

### **February – March 2015 Arctic Winter Limnology, master course**

*University Centre in Svalbard – Spitsbergen*

### **July 2014 Marine Masters Course**

*NIOZ (Royal Netherlands Institute for Sea Research)*

### **2008 – 2012 BSc Earth Sciences**

*Utrecht University*

### **2000 – 2008 Pre-University Education**

Profile “Nature and Health”, additional courses: German and Music

*Elzendaalcollege Boxmeer*

## Research experience

**Research project** April – November 2015: I investigated the richness and diversity of microbial communities and extracellular enzyme activities of ancient and modern permafrost degradations, using PCR-DGGE fingerprinting and high-throughput microplate enzyme assays and analyzed the results using the R package ‘vegan’.

Supervised by dr. Jorien Vonk (VU University) and dr. Maarten Eppinga (Utrecht University)

In collaboration with dr. Henk Bolhuis (NIOZ) and dr. Paul Mann (Northumbria University)

**Research project** February – June 2014: I studied the effect on European bison grazing on soil nutrient content by collecting plant and dung samples and environmental variables as pH, soil moisture content and litter cover, and comparing the nutrient content of the plant species and the bison dung.

Copernicus Institute, Utrecht University

**University based consultant** September – November 2014: With a team of students from different disciplinary backgrounds we reported on how the multifunctional use of roof surfaces can support sustainable city development in Amsterdam. I used methods such as desk research, interviews, cost-benefit analysis and impact assessment and came up with an optimal case scenario.

De Dakdokters, Amsterdam

**Fieldwork experience** 2009 – 2011: During my bachelor I went on several field courses. The first year fieldwork was focused on geology, geomorphology and hydrology in southern France, the second year fieldwork was focused on the late glacial and Holocene sedimentary geology and geomorphology of rivers and coastal plains.

## Work experience

### **December 2015 – April 2016 Stichting Recreatie Midden-Nederland**

I took care of the archive of the different recreational areas in the Province of Utrecht and made an inventory for The Utrecht Archives.

### **January – June 2013 TNO Utrecht**

Project Assistant for DINOloket – digitizing geological core descriptions and hydrological data

### **2011 – 2012 Stichting Het Utrechts Landschap**

Project Assistant for 'Natuurdatabank' – digitizing flora and fauna observations

## Other experiences

### **2004 – 2013 Various activities for the 'Nederlandse Jeugdbond voor Natuurstudie'**

(NJN; English: Dutch Youth Organization for Nature Studies). Among others:

- Taking care of the natural history archives;
- Editor of the 'Amoeba', the magazine of the NJN;
- Design of folders, posters and flyers;
- Member of the Flora Working Group (SJOC);
- Member of the national board of the NJN (2013).

During summer camps and excursions, I increased my species knowledge of birds, plants and insects and became acquainted with research methods such as the Braun-Blanquet method of vegetation classification.

## Languages

|                    |                            |
|--------------------|----------------------------|
| Dutch              | Native                     |
| German             | Native                     |
| English            | Very good command          |
| Swedish and French | Basic communication skills |

## Software knowledge

Microsoft Office, Adobe InDesign, Adobe Photoshop, R, Matlab, Bionumerics, ENVI

## Laboratory experience

DNA isolation, PCR, Agarose gel electrophoresis, DGGE, Colorimetric and fluorometric enzyme assays

## Personal interests

Photography, playing clarinet, bouldering and climbing, speed skating, cycling, hiking