

# ROBIN WOJCIK



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**Executive Summary:** Ph.D. researcher at the German Research Center for Geosciences (GFZ). Interface Geochemistry Group 4.4.

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## WORK EXPERIENCE

- Oct 2016 – Present**     **Ph.D. researcher** – German Research Centre for Geoscience. Interface Geochemistry, section 4.4 (Potsdam, Germany)  
My work aims to improve our understanding of the glacial forefield ecosystem response to changing environmental conditions in the Arctic. It especially focuses on developing a geochemical model of the bulk and micro-scale changes in geochemical and mineralogical parameters that link C and nutrient cycling to weathering.
- Oct 2015 – May 2016**     **Research Assistant** – department of Physical Geography of Stockholm University (Sweden)
- Preparing as first author an article to publish the results of my master thesis – will be submitted in the journal *Arctic Antarctic and Alpine environments*.
  - Processing diverse geochemical and elemental analyses aiming to estimate the total storage and potential remobilization of soil organic carbon in Arctic permafrost environments
- Jun 2015 – Jul 2015**     **Field Work Assistant** – department of Physical Geography of Stockholm University (Sweden)  
Collecting soil samples in diverse periglacial and mountainous terrains of Fennoscandia: Abisko (Sweden), Kevo (Finland).

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## ACADEMIC PROFILE

- 2014 – 2015**     **Master's thesis project** – department of Physical Geography of Stockholm University  
Title: "Land cover and landform classification upscaling of soil organic carbon stocks in the Brøgger Peninsula, Svalbard". Received the highest grade (A: Excellent). Supervisors: Professor Doctor Peter Kuhry and Senior Lecturer Gustaf Hugelius.
- 2013 – 2015**     **Master's degree in Physical Geography and Quaternary Geology** – department of Physical Geography of Stockholm University (Sweden)  
Sep 2013 - Jun 2014: Erasmus scholarship - Stockholm University (Sweden).

Courses of the 1 <sup>st</sup> year of Master	Courses of the 2 <sup>nd</sup> year of Master
<ul style="list-style-type: none"> <li>- Local to global water vulnerability and resilience (GE7025)</li> <li>- Global climate and environmental change (GE7004)</li> <li>- Information and modeling systems for land and water resources (GE7006)</li> <li>- Land water risk and management methods (GE8009)</li> </ul>	<ul style="list-style-type: none"> <li>- Polar and alpine environment (GE7068)</li> <li>- Permafrost – Interaction with ecology and hydrology (GE7051)</li> <li>- Marine Cryosphere and its Cenozoic History (UNIS – AG 842)</li> <li>- Master’s thesis project (GE9009)</li> </ul>

**Mar 2015– May 2015** **Course “Marine Cryosphere and its Cenozoic History” – University Centre in Svalbard (UNIS) – Svalbard**  
 Collection of sea ice cores.  
 Laboratory analyses on sediments.

**2010 – 2013** **Bachelor’s degree in Physical Geography and Landscape Planning – Institute of Alpine Geography of Grenoble (IGA), University Joseph Fourier (France)**  
 Areas of Interest: periglacial environments geomorphology, pedology, biogeography, hydrology and climatology.

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#### SKILLS

**Languages** French and English fluent, Italian A2, German A1.  
**Computer** Expertise in: MATLAB, ArcGIS, MapInfo, ENVI, Excel, HEC-RAS, GAMS, Windows OS, Office, Inkscape and GIMP.

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#### VOLUNTEER EXPERIENCE

**2011-2012** **Event organization in Grenoble (France)**  
 Organizing card game competition event for people with disabilities and seniors.

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#### REFERENCES

Professor Doctor Liane G. Benning - Head of Section 4.4: Interface Geochemistry. Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences - [liane.g.benning@gfz-potsdam.de](mailto:liane.g.benning@gfz-potsdam.de)

Professor Doctor Peter Kuhry - Departement of Physical Geography, Stockholm University, Sweden - [peter.kuhry@natgeo.su.se](mailto:peter.kuhry@natgeo.su.se)