

# Walter Steinkogler

## Resume

Roitherstrasse 75  
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### Personal Information

date of birth 11. April 1984  
place of birth Gmunden  
citizenship Austrian

### Education

2003 – 2009 **Master of Natural Science (Mag. rer. nat.), Meteorology and Geophysics, University of Innsbruck, Austria.**  
MASTER THESIS  
title *Systematic Assessment of New Snow Settlement in SNOWPACK*  
institute *Institute of Meteorology and Geophysics IMG1 (Innsbruck, Austria),  
WSL Institute for Snow and Avalanche Research SLF (Davos, Switzerland)*  
supervisors Dr. Friedrich Obleitner (IMG1), Dr. Charles Fierz (SLF)

### Experience

#### Research

11/2010 – present **Ph.D student, WSL Institute for Snow and Avalanche Research SLF, Switzerland.**  
Influence of snow cover properties on avalanche dynamics  
08/2010 – 10/2010 **Scientific Assistant, WSL Institute for Snow and Avalanche Research SLF, Switzerland.**  
06/2010 – 07/2010 **Internship, WSL Institute for Snow and Avalanche Research SLF, Switzerland.**  
Permafrost simulations of the Dolomites using ALPINE3D  
09/2009 – 12/2009 **Internship, WSL Institute for Snow and Avalanche Research SLF, Switzerland.**  
Icing frequencies for wind turbines in the Alps  
05/2008 – 10/2009 **Master Thesis, WSL Institute for Snow and Avalanche Research SLF, Switzerland.**  
Systematic Assessment of New Snow Settlement in SNOWPACK

#### Working

03/2011 – 04/2011 **University of Innsbruck, Institute of Meteorology and Geophysics IMG1, Innsbruck, Austria.**  
Managing and conducting a scientific snow investigation campaign in Svalbard, Norway  
02/2010 – 04/2010 **Alaska Heliskiing, Haines, Alaska.**  
Heliski Guide, weather forecaster and snow safety  
01/2010 – 02/2010 **City and Borough of Juneau, Urban Avalanche Forecasting, Juneau, Alaska.**  
Assistant/intern of local urban avalanche forecaster

- 02/2007 – **Austrian Federal Forest Office, Department of Natural Hazards and Alpine Timberline BFW, Innsbruck, Austria.**  
07/2007 Safety analysis of an avalanche endangered slope
- 05/2007 – **University of Innsbruck, Institute of Meteorology and Geophysics IMGI, Innsbruck, Austria.**  
06/2007 Setting up a weather station and ice core drilling in an ice cave in Austria
- 07/2006 – **Central Institute for Meteorology and Geodynamics ZAMG, Salzburg, Austria.**  
08/2006 Weather observer at manned weather station Feuerkogel
- 2003 – 2005 **Ski school Neuhuber, Ebensee, Austria.**  
Part-time skiing instructor
- 2002 – 2003 **Austrian Army, Kirchdorf, Austria.**  
Military service, Alpine infantry
- 2000 – 2002 **HEP Hard- and Software, Ebensee, Austria.**  
Work in computer business (disposal, repair, webdesign, network) while attending school
- 2000 – 2006 **TILT eSports and Multimedia, Ebensee, Austria.**  
Multiple organisations & realisations of (computer-) youth events for up to 100 participants
- 1999 – 2001 **Multiple summer jobs in construction business.**

### Teaching

- 2012– present **Instructor, SLF.**  
Presenter at the SLF IFKIS courses. Topic: *Winter weather*
- 2012 – present **Instructor, SLF.**  
Presenter at SOS Services / Patrouilleur courses. Topic: *Meteorology*
- 2010 – present **Instructor, SLF.**  
Member of the safety training team at SLF
- 02/2007 – **Teaching Assistant, University of Innsbruck.**  
05/2007 Assistant in the exercises to *The snow cover model SNOWPACK*

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### Additional Education/Certifications

- 2011 **(Airborne/Helicopter) Avalanche Control Blasting Permit, Innsbruck, Austria, WIFI Tirol.**
- 2010 **CAA Avalanche Operations Level II - Mod I, Revelstoke, Canada, Canadian Avalanche Association.**
- 2010 **Certified Explosives Expert, Innsbruck, Austria, WIFI Tirol.**
- 2010 **CAA Avalanche Operations Level I, Smithers, Canada, Canadian Avalanche Association.**
- 2010 **Heliski Guide Level II, Haines, Alaska, Alaska Heliskiing.**
- 2010 **Wilderness Advanced First Aid (WAFA) - 36 hours, Haines, Alaska, Wilderness Medical Associates.**
- 2010 **American Avalanche Association Level III, Juneau, Alaska.**
- 2009 **Artificial Avalanche Release using Pyrotechnical Thrower Systems, Kaprun, Austria, Explosive Engineering.**
- 2003 **Austrian Skiing Instructor I, Obertauern, Austria, Snowsport Austria.**  
**Diving License (CSMA Brevet \*).**

**Paraglider License.**  
**Austrian driver's license.**

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## Languages

German **Native**  
English **Fluent**  
Spanish **Novice**

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## Computer skills

scientific Matlab, ArcGIS, R  
job related SNOWPACK, Alpine3D  
RAMMS, SamosAT  
Hardware, Networks

typography  $\LaTeX$ , Microsoft Office  
tools Photoshop

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## Personal Interests

Traveling, surfing, climbing, diving, reading, enjoying life and snow.

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## References

References available on request.

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## Updated

September 3, 2014