

# Alessandro CICOIRA

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*Environmental Engineer, PhD student.*



BORN ON 09.05.1990  
CIVIL STATUS Single  
CITIZENSHIP Italian

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CONTACT  
INFORMATIONS

## Personal

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Switzerland

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## Professional

3G, University of Zurich

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Switzerland

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## PROFESSIONAL ACTIVITIES

2016 -

**Ph.D. student** at **3G** - Glaciology and Geomorphodynamics Group  
Department of Geography, *University of Zurich*, Zurich, Switzerland.

2015 - 2016

**Internship** at **Aosta Avalanche Service**  
*Fondazione Montagna Sicura*, Courmayeur, Italy

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## EDUCATION

2015

**Master's Thesis** in "Avalanche dynamics", October 2015  
Title: "Establishment of a predictive model for non extreme snow avalanches:  
a case study of Vallée de la Sionne"  
*SLF / Institute for Snow and Avalanche research*, Davos, Switzerland.

2012 - 2015

**Master's degree** in Environmental Engineering.  
*University of Trento*, Trento, Italy.  
➤ Dynamics, numerical modelling, natural hazards.

2009 - 2012

**Bachelor's Degree** in Environmental Engineering  
*University of Trento*, Trento, Italy.  
➤ Geotechnics, thermodynamics, hydraulics.

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## ADDITIONAL EDUCATION

2016

**AINEVA certificate** **Avalanche blasting assistant**, num. xyz.  
*AINEVA*, Courmayeur, Italy.

2015

**AINEVA certificate** **Nivological Observer**, num. xyz.  
*AINEVA*, Aosta, Italy.

2013

**Summer School** in **Sustainable Management**.  
*University of Innsbruck*, Innsbruck, Austria.

2009 - 2015

**Youth Mountain Guide** (accompagnatore sezionale) in **CAI CPAG**.  
*CAI, Sezione di Brunico*, Brunico, Italy.

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**RESEARCH  
INTERESTS**

Rock Glacier dynamics.  
Permafrost in alpine terrain.  
Close range sensing.  
Natural hazards.

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**SPECIFIC  
SKILLS**

*Field techniques:* Extensive field work (glaciology and avalanche control)  
*Computing:* OS: Windows and Linux  
Programming: Matlab, Python, C  
Other Software: ArcMap, LaTeX, gimp, etc.  
*Driving:* Italian B licence

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**LANGUAGES**

Italian native, English fluent, German fluent.

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**PERSONAL  
INTERESTS**

Alpinism and Skitouring. Cooking, travelling and reading. Enjoying life.

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**UPDATED**

February 21, 2017.