

Gabriel Hunger

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Place and date of birth: Geneva (Switzerland), June 5th 1987

Nationality: Switzerland

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Education

University

2010-2012

Master of Sciences, Sedimentary Geology, University of Geneva, Switzerland

Thesis title:

Laguna Cari-Laufquen, Argentina: Late Pleistocene palaeoenvironmental reconstruction of northern Patagonia using shorelines and associated stromatolites

Director: Prof. Daniel Ariztegui, daniel.ariztegui@unige.ch

2012

GIS Certificate (Certificat Complémentaire en Géomatique), University of Geneva, Switzerland

2007-2010

Bachelor of Sciences, Earth Sciences, University of Geneva, Switzerland

High School

2002- 2006 Collège de Saussure, Petit-Lancy, Geneva, Switzerland

Professional experience

Since 2013 PhD student, Scientific collaborator at the Department of Earth and Environmental Sciences, University of Geneva, Switzerland

2012-2013 Scientific collaborator at the *Cadastre Géologique de l'Etat de Vaud*. Switzerland

- Research and integration into the cantonal database of files providing geological information about the region of Vaud.

- APOGEE project: use of many parameters providing information on the eligibility of areas and construction of authorization area maps for the installation of geothermal probes
- 3D mapping of the top of the Molasse Formation.
- Drilling report and cuttings sampling.
- Use of information providing from the cantonal database for cartographical studies using ArGIS.

2011 Research collaborator and teaching assistant at the Section of Earth & Environmental Sciences, University of Geneva, Switzerland.

- Field assistant during a sedimentary excursion in the Tremp Basin, Spain
- Responsible of the collection of minerals and rocks

2010- 2012 Teaching mathematics, physics, chemistry and biology for high school students, Geneva, Switzerland.

2010-2012 CPV association, Geneva, Switzerland.

- Responsible for summer and winter camps with teenagers

2007-2012 *Fete de la Musique*, Geneva, Switzerland.

- Material distribution

2009-2010 Fieldwork assistant, Geo2x Sarl Geophysics & Geology, Geneva/Vaud, Switzerland.

- Onshore seismic acquisition in Geneva and Vaud region

Internship

2011 International Environment House
 UNEP/DEWA/GRID – Geneva, Switzerland
Development of a precise GIS using remote sensing data (satellite images and DEM) to map lake level differences in Laguna Cari-Laufquen, Argentina, since the Late Pleistocene.
 Supervisors: Ronald G. Witt, Karin Allenbach, and Jean-Michel Jacquet
 Duration: 3 months

Grants and fellowships

Augustin Lombard Grant, delivered by Augustin Lombard Foundation for the financing of the master thesis field trip.

Skills

- Languages:

French and Portuguese (mother tongues)

English and Spanish (fluent)

German (basic knowledge)

- Software's:

Microsoft Office (Word, Excel, PowerPoint), Access, CorelDraw, Matlab, R, ArcGIS, WellCad, Statistica, Surfer, Petrel, IDRISI, Adobe Suite.

Other interests

Rugby sevens University of Geneva team: competitions in Switzerland and France

Fitness, winter sports, trekking.

Publications

Abstracts

Hunger, G., Martinuzzi V., Ariztegui D., 2012. Modeling lake level changes in Patagonia since the Late Pleistocene. *Swiss Sed Meeting, Fribourg, Switzerland*

Martinuzzi V., **Hunger, G.**, Ariztegui D., 2012. Late Pleistocene and Holocene stromatolites in lacustrine closed-basin of northeastern Patagonia (Argentina). *Swiss Sed Meeting, Fribourg, Switzerland*

Hunger, G., Martinuzzi V., Ariztegui D., 2011. Modeling lake level changes in Patagonia since the Late Pleistocene. *Swiss Geoscience Meeting*

Ariztegui, D., **Hunger, G.**, Martinuzzi, V. and Vasconcelos, C., 2010a. Recent and Late Pleistocene stromatolites in lacustrine closed-basins of northern Patagonian east of the Andes, *Eos Trans. AGU, 91(26), Meet. Am. Suppl.*, Abstract PP42A-07.

Ariztegui, D., **Hunger, G.**, Martinuzzi, V. and Vasconcelos, C., 2010b. Late Pleistocene and Recent stromatolites in lacustrine closed-basins of northern Patagonia (Argentina). *18th International Sedimentological Congress - Mendoza, Argentina*, 121.

Hunger.G, Ventra D., Moscariello A., Veiga G., 2014. The Miocene Mariño Formation (Central Argentinian foreland, Mendoza Region): a high-resolution integrated study of sedimentary and paleoenvironmental responses to tectonic and climatic forcing. *18th International Sedimentological Congress, Geneva, Switzerland*

Hunger.G, Ventra D., Moscariello A., Veiga G., 2015. Sedimentary Responses to Tectonic and Climatic Forcing: a High-Resolution, Integrated Sedimentological-Geochemical Study in Terrestrial Foreland Deposits (Mendoza, Argentina). *Swiss Sed Meeting, Fribourg, Switzerland*

Hunger.G, Ventra D., Moscariello A., Veiga G., 2015. Sedimentary Responses to Tectonic and Climatic Forcing: a High-Resolution, Integrated Sedimentological-Geochemical Study in Terrestrial Foreland Deposits (Mendoza, Argentina). *AAPG 2015 Annual Convention and Exhibition, Denver, Colorado, USA*

Internal report

2011 "Excursion guide for the Tresp Basin field trip"
In collaboration with : Rusillon E., Vaucher R., Martinuzzi V. and Lecotonnec A.
Department of Earth Science & Environment, University of Geneva, Switzerland