

# Curriculum Vitae

## Bettina Scheu

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### Language skills:

German: mother tongue  
Englisch: fluent  
Französisch: basic  
Japanisch: basic

### Education:

- 2013/10**                      **Dr. rer. nat. habil, Faculty of Geosciences, LMU München**  
Venia legendi for mineralogy and petrology
- 2005/10**                      **Dr. rer. nat., Faculty of Geosciences, LMU München**  
Thesis title: Understanding silicic volcanism: Constraints from elasticity and failure of magma. (grade: summa cum laude)
- 1999/04**                      **Diploma in Geophysics, LMU München**  
Thesis title (translated): Multivariate analysis of petrophysical data to characterize impact formations. A case study of FB Noerdlingen 1973. (grade: very good)
- 1994/11**                      **Awarded "Vordiplom" in Physics, JMU Würzburg**  
(grade: good)

### Professional experience:

- 2014 – present              Faculty staff (akad. Oberrat a.Z.) at the Department of Earth and Environmental Sciences, LMU München, Experimental Volcanology
- 2008 – 2014                 Faculty staff (akad. Rat a.Z.) at the Department of Earth and Environmental Sciences, LMU München, Experimental Volcanology
- 2005 – 2007                 JSPS Post-doctoral Fellow at Earthquake Research Institute, Volcano research Center, University of Tokyo
- 2002 – 2005                 graduate research assistant at the Department of Earth and Environmental Sciences, Mineralogy section, LMU München
- 2000 – 2002                 graduate research assistant, Institute of Mineralogy, Petrology and Geochemistry, LMU München
- 1999 – 2000                 graduate research assistant, Institute of Pure and Applied Geophysics, LMU Munich, participating at a german-ghanain scientific cooperation about geophysical and remote sensing investigation of the Bosumtwi impact structure.

## **Research visits and Fieldwork:**

2013/10	Fieldwork and recording of volcanic lightning, Sakurajima, Japan
2013/04	Fieldwork and sampling, Dominica and Montserrat
2013/03	Fieldwork and sampling, Tongariro Complex, New Zealand
2012/03	Fieldwork and sampling, Monsterrat, UK Overseas Territories
2011/01	Fieldwork and sampling, Taupo Volcanic Zone, New Zealand
2010/08	Studentic Fieldtrip to Island, Fieldwork and sampling, Askja, Iceland
2009/09	Studentic Fieldtrip to Sicily
2007/05	Fieldwork and sampling, Mt. Asama, Japan
2006/08	Fieldwork and sampling, Karymsky, Russland
2006/10	Fieldwork and sampling, Mt. Asama, Japan
2006/05	Fieldwork and sampling, Mt. Unzen, Japan
2006/02	Fieldtrip and fieldwork, Sakurajima, Japan
2004/07	Studentic Fieldtrip to Sicily
2002/08	Fieldwork at Merapi, Yogyakarta, Indonesien
2002/06	Research visitor at the Mineral, Ice & Rock Laboratory at the University College London.
2001/10	Participation at sea-gravimetric and bathymetric investigations at the Bosumtwi impact structure, Ghana.
2001/05-06	Fieldwork and mapping at Mt. Unzen, Japan
2000/12	Research visitor at the Petrophysical Laboratory of the CAU Kiel.
2000/06	Fieldwork at Mt. Unzen, Japan.
1999/09-10	Participation at gravimetric and remote sensing (differential GPS) investigations at the Bosumtwi impact structure, Ghana

## **Memberships:**

European Geophysical Union (EGU)

American Geophysical Union (AGU)

International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

## **Responsibilities**

- Supervision/Co-supervision of PhD thesis:  
Simon Kremers (2008 - 2012), Dominique Richard (since 2006), Fabian Wadsworth (since 2012), Klaus Mayer (since 2012), Cristian Montanaro (since 2012)
- Supervision/Co-supervision of Diploma and MSc thesis:  
Sandra Karl, Charlotte Feneis, Lauren Foote (University of Canterbury), Lukas Marx, Mark Letham (University of Canterbury), Jenny Schaurath
- Supervision/Co-supervision of BSc thesis:  
Ludwig Auer, Fabian Serr, Susanne Siegel