

Elske de Zeeuw-van Dalssen

<p>Education</p>	<p>2006 – present Post-doc at IPG in Paris, France 2001 – 2005 Ph.D. in Volcanology Open University, Milton Keynes, UK 1995 – 2000 M.Sc. Geology Vrije Universiteit, Amsterdam, NL 1989 – 1995 Secondary education, VWO Anton van Duinkerken College, Veldhoven, NL</p>
<p>Work experience Related to degree</p> <p>Sept 1999 – Dec 1999 Feb 2000 – May 2000</p> <p>Jan 2000 – Feb 2000 May 2000 – June 2000 Dec 2000 – Feb2001</p> <p>Nov 2000 – Dec 2000</p> <p>June 2001</p> <p>Aug 2002, July 2003 July 2004, July 2005</p>	<p>Geophysics volunteer Assisting of the observatory staff with daily activities as well as working on small individual projects involving magnetics, electric conductivity, very low frequency measurements and micro-gravity. <i>Hawaiian Volcano Observatory, Hawaii, USA</i></p> <p>Volcano Monitoring and Eruption Prediction volunteer Participation in field projects, data retrieving and interpretation before and after the Mayon 2000 eruption and during the ongoing 2001 Mayon unrest. <i>Philippine Institute of Volcanology and Seismology, Quezon City, Philippines</i></p> <p>Guntur Volcano Observatory volunteer Assisting of observatory staff as well as working on small individual projects using recent tilt and seismic data. <i>Volcanological Survey of Indonesia, Bandung, Indonesia</i></p> <p>Nordic Volcanological Survey assistant Assisting of observatory staff with ground deformation observations, GPS measurements and precise levelling. <i>Nordic Volcanological Institute, Reykjavik, Iceland</i></p> <p>(Senior) demonstrator at The Open University summer-school Assisting of tutors in the field and in the lab, teaching OU geology students. <i>The Open University, SXR260 summer-school, Durham, UK.</i></p>
<p>Languages</p>	<p>I am fluent in speaking and writing in Dutch and English and have basic knowledge of German, French and Spanish.</p>
<p>Computer skills</p>	<p>I have general computer knowledge and I can work with Excel, word, adobe photoshop, adobe illustrator, DIAPASON and MATLAB.</p>

Papers and abstracts

de Zeeuw-van Dalssen, E., R. Pedersen, F. Sigmundsson, and C. Pagli (2004), *Satellite radar interferometry 1993–1999 suggests deep accumulation of magma near the crust-mantle boundary at the Krafla volcanic system, Iceland*, Geophys. Res. Lett., Vol. 31, L13611, doi:10.1029/2004GL020059.

de Zeeuw-van Dalssen, E., Rymer, H., Sigmundsson, F., and Sturkell, E (2005), *Net gravity decrease at Askja volcano, Iceland: Constraints on processes responsible for continuous caldera deflation, 1988 – 2003*. JVGR, Vol. 139/3-4, pp 227-239.

de Zeeuw-van Dalssen, E., Rymer, H., Williams-Jones, G., Sturkell, E., and Sigmundsson, F (2006), *Integration of micro-gravity and geodetic data to constrain shallow system mass changes at Krafla volcano, N Iceland*. Bull. Of Volcanology, Vol. 68: 420-431.

Elske van Dalssen and Ernesto Corpuz (2002), *The 2000 eruption of Mayon Volcano*. Abstract for VMSG, Durham, UK.

Elske van Dalssen, David A. Rothery, Hazel Rymer (2002), *Ups and downs of Stromboli Volcano; insights into volcanic conduit processes using continuous microgravity techniques*. Abstract for VMSG-2, Edinburgh, UK.

Elske van Dalssen (2002), *A geophysical study of the rates of volcanic processes and their relation to caldera unrest*. Report for the Geological Society, London published in Geoscientist.

Elske van Dalssen and Hazel Rymer (2003), *Unrest at Askja Caldera; Evidence from gravity and ground deformation*. Abstract for the NSF/NorFa summer-school, Geysir, Iceland.

Elske van Dalssen, Hazel Rymer, Freysteinn Sigmundsson and Erik Sturkell (2003), *Unrest at Askja Caldera; Evidence from gravity and ground-deformation data*. Abstract for the EUG-EGS-AGU meeting in Nice, France.

E. de Zeeuw-van Dalssen, R. Pedersen, F. Sigmundsson, C. Pagli (2004), *Deep accumulation of magma near the crust-mantle boundary at the Krafla volcanic system, Iceland: Evidence from Satellite Radar Interferometry 1993-1999*. Abstract for IAVCEI meeting in Púcon, Chili.

E. de Zeeuw-van Dalssen, H. Rymer, D.A. Rothery, E. Sturkell, F. Sigmundsson; G. Williams-Jones (2004), *The integration of micro-gravity, geodetic and water extraction data at Krafla Volcano, NE Iceland*. Abstract for IAVCEI meeting in Púcon, Chili.

E. Sturkell, P. Einarsson, F. Sigmundsson, M.J. Roberts, H. Geirsson, H. Ólafsson, R. Pedersen, E. de Zeeuw-van Dalssen, A.L. Linde, I.S. Sacks, R. Stefánsson (2004) *Magma dynamics and volcano geodesy in Iceland*, Abstract for AGU, San Francisco, U.S.A

Rikke Pedersen, Freysteinn Sigmundsson, Kurt Feigl, Carolina Pagli, Sigurjón Jónsson, Elske de Zeeuw-van Dalssen and Helene Vadon (2004), *InSAR observations of crustal deformation in Iceland – An overview*. Abstract for ESA, Salzburg, Austria.

E. de Zeeuw-van Dalssen, C. Jaupart and V. Pinel (2007), *Using a flow model to explain geodetic data, preliminary results from Eyjafjallajökull, Iceland*. Abstract for EGU, Vienna.

Ph.D. thesis

Elske de Zeeuw-van Dalssen (2004), *A geophysical study of volcanic processes at a persistently active volcano and at two calderas in a state of unrest*.