

CV of Elisabeth Schlosser

Name: PD Mag. Dr. Elisabeth Schlosser
Born: 21.5.62, Ratingen, Germany
Citizenship: Austria
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Research areas

Polar meteorology, Antarctic synoptics, glaciology, ice core interpretation, water stable isotopes

Current Position:

FWF Fellow, Senior scientist at Institute of Meteorology and Geophysics, University of Innsbruck (FWF-funded)

Education:

09.11.2010 Habilitation (Privat-Dozent, Dr. habil.), University of Innsbruck, Austria
(equivalent of associate professor.)
20.03.1996 Ph.D. (Dr. rer. nat.) at the University of Innsbruck, Austria
12.03.1988 M.S. (Mag.rer. nat.), Meteorology, University of Innsbruck, Austria

Previous Work Experience:

Since 2007 Senior scientist / FWF Fellow at Inst. of Meteorology and Geophysics, Univ. Innsbruck (funded by FWF (Austrian Science Funds))
1999 - 2006 FWF-funded self-employed Research Scientist at University of Innsbruck
Mar - Jun 1999 Research scientist at Institute of Meteorology and Geophysics, Univ. Innsbruck.
IPCC TAR, contributing author of Chapter 11, Changes in Sea Level
Aug 1998 - Jan 1999 National Weather Service (part-time)
Oct 1996 - Mar 1998 Postdoctoral scientist Inst. of Meteorology and Geophysics, Univ. Innsbruck

Nov 1992-Jul 1996 Research assistant at the Institute of Meteorology and Geophysics, Univ.
Innsbruck

Aug 1991 - Nov 1991 Research assistant at Institute of Meteorology and Geophysics, Univ.
Innsbruck

Jul 1989 - Jun 1991 Research scientist at Alfred-Wegener-Institute for Polar and Marine Research
(AWI), wintering at German Antarctic base Georg-von-Neumayer Station

Feb 1989 - Jun 1989 Research assistant at the Institute of Meteorology and Geophysics, Univ.
Innsbruck

Various, mostly 3-months stays as visiting scientist at

Cold Regions Science and Technology (CRREL), Hanover, NH, USA (1988)

National Center for Atmospheric Research (NCAR), Boulder, CO, USA (2007, 2008, 2012, 2013,
2014, 2015), Norwegian Polar Research Institute, Tromsø, Norway (2008, 2011, 2012, 2013, 2014,
2015)

Research Projects:

PI of the following projects:

2012-2016: Precipitation mechanisms at Antarctic deep drilling sites (FWF P24223, 339 kEUR)

2007-2012: Dronning Maud Land precipitation and EPICA ice core interpretation (FWF V31-
N10, 278 kEUR)

2002-2006: Deuterium excess of polar firn and precipitation origin (FWF P15983-N06,
135 kEUR)

1999-2002: The relationship between stable isotopes in Antarctic firn and the meteorological
conditions at the deposition site (FWF P13429-GEO/N06, 89 kEUR)

Most important collaboration partners of the last 5 years

Valerie Masson-Delmotte, Amaelle Landais (LSCE, Gif-sur-Yvette, France)

Heinz Miller/Hans Oerter (AWI, Bremerhaven, Germany)

Elisabeth Isaksson (Norwegian Polar Institute, Tromsø, Norway)

Barbara Stenni (Univ. of Trieste/Venice, Italy)

Expeditions:

Jun - Sep 1986: Winter Weddell Sea Project (WWSP86), Optical studies of sea ice

Dec 89 - Mar 91: Wintering at Neumayer Station, Antarctica (meteorology/glaciology)

Jan - Mar 1992: FRISP (Filchner Ronne Ice Shelf Project) Hot water drilling (with AWI)

Memberships

IPICS Steering Committee (Austrian representative 2009-2013)

EuroPICS Steering Committee (Austrian representative 2009-2013)

International Glaciological Society (IGS) (Austrian correspondent 2012-)

International Commission of Polar Meteorology (IAMAS)

Austrian Polar Research Institute (APRI)

European Geophysical Union (EGU)

Deutsche Gesellschaft für Polarforschung (German Society for Polar Research)

Österreichische Gesellschaft für Meteorologie (ÖGM)

Awards

Prix Amadée (BMWF, ÖAD) together with Valérie Masson-Delmotte (2014)

Elise-Richter Grant (FWF Fellowship) (2007)

An Austrian contributor to the award of the Noble Peace Prize to the IPCC (2007)

Young Scientist Grant (University of Innsbruck) (1997)

Referee for

International funding agencies (e.g. NSF, Alexander-von-Humboldt-Stiftung)

International scientific journals (e.g. JGR, GRL, J. Climate, Climate Dynamics, JESS, TC, ACP, J. /Ann. Glaciol., Polar Research)