

Curriculum Vitae

Ilka Weikusat

Researcher, Glaciology,

Alfred Wegener Institute Helmholtz Center for Polar and Marine Research (AWI)

Professor for Structural Glaciology at the Eberhard Karls University Tübingen

PERSONAL INFORMATION

Family name: Weikusat (née Hamann) **First name:** Ilka
Gender: female **Family status:** married, 1 son
E-mail: Ilka.Weikusat@awi.de **Phone:** +49 (0) 471 4831 1968
Fax: +49 (0)471 4831-1149
Address: Am Alten Hafen 26, 27568 Bremerhaven, Germany; office D-3320

UNIVERSITY EDUCATION

2013 - 2020 Junior Professor / Eberhard Karls University Tübingen
2019 Habilitation (Jun.-Prof. end evaluation as equivalent) / Eberhard Karls University Tübingen
2003 - 2007 PhD (Dr. rer. nat) / University Bremen
1997 - 2003 Dipl.-Geol. / Johannes Gutenberg University Mainz,

ACADEMIC CAREER

Since July 2020 Professor of "Structural Glaciology" at Geosciences, Eberhard Karls University Tübingen (Jülich model, AWI)
Since August 2018 Senior Scientist in "Glaciology" group, Geosciences, AWI
2013 - 2020 Junior Professor for "Glaciology" at Geosciences, Eberhard Karls University Tübingen (Jülich model, AWI) (part-time till 2018)
2012 - 2021 Helmholtz Young Investigator Group Leader at AWI
2011 - 2012 Parental leave
2008 - 2012 PostDoc at AWI, Utrecht University, The Netherlands and ILTS Hokkaido University, Japan (own position funded by DFG as PI)
2005 - 2006 Scientist at Nagaoka University of Technology, Japan

MAIN INTERNATIONAL AND FIELD EXPERIENCES

2017 - 2019 Research work at international drilling site in Greenland, EastGRIP station (repeatedly)
2008 - 2011 Guest scientist at Utrecht University, The Netherlands (repeatedly)
2010 Research work at international drilling site in Greenland, NEEM station
2006 - 2009 Guest scientist at ILTS Sapporo, Japan (repeatedly)
2005 - 2006 Scientist at Nagaoka University of Technology, Japan
2003 - 2004 Research work at German drilling site in Antarctica,

Kohnen station, Dronning Maud Land

2001

Student assistant at Geological Survey (Primary Industries and Resources SA), Adelaide, South Australia

TEACHING

Glaciology (Eberhard Karls University, Tübingen) with Dr. Daniela Jansen

Rheology (Eberhard Karls University, Tübingen) within modul „Material sciences for Geoscientists“

Climatology (Eberhard Karls University, Tübingen) within modul „Climate System“; now „Climatology and Ecosystems of the Earth“,

Textures and microstructures in ice (Student workshop “Texture Topics in Tromsø”) Tromsø University, Norway (October 2012)

Microstructures of polar ice (Summer School - “Microstructures of ice and snow”) Obergurgel, Austria (August 2012)

Eismikromechanik (lecture series within the Glaciology master course) Bremen University (winter 2008/09)

Deformation and Recrystallization (lecture and lab training as part of the Mechanics master course) Nagaoka University, Japan (summer 2005 to to winter 2005/06)

SUPERVISION

PhD (12 theses, 5 ongoing, partly “practical” co-supervision)

MSc/Diplom (10 theses)

BSc (9 theses)

ACADEMIC HONORS and SERVICES

Consortiums Chair of International deep drilling project BE-OIC (since 2019)

National representative in Steering Committee and Consortiums Chair of International deep drilling project EastGRIP (since 2015)

National representative in Steering Committee of ESF RNP Micro-DICE (2013 - 2016)

Sub-Topic Speaker PoF IV Sub-Topic 2.4 “Advanced methodologies for tomorrow” (since 2020)

Convener and Co-convener at international conferences and workshop for EGU, IUGG, DRT, MOCA, IACS, Micro-DICE (since 2009)

Reviewer for Journal of Glaciology, JGR, GRL, Phil. Mag., Cold Reg. Sci. and Tech., Front. Earth Sci.

Guest editor for Journal of Structural Geology (2011-2014)

Guest editor for Solid Earth (EGU, Copernicus) (2016-2017)

Member of **editorial board, review editor** for Frontiers of Earth Sciences - Cryospheric science (since 2015)

PUBLICATIONS

56 peer-reviewed publications (see <https://epic.awi.de/view/divisions/deformation/>)

ORCID: <http://orcid.org/0000-0002-3023-6036>

WoS ResearcherID: <http://www.researcherid.com/rid/E-8826-2015>

H-Index: 20

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