

Curriculum vitae

COMMUNICATION

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EDUCATION

Academic education

1993	Dr. scient. (PhD): Environmental geology, University of Bergen, Norway
1992	Exchange PhD-student: Geochemistry & radiometry, University of Southampton, England
1990	Cand. scient. (MSc): Marine geology, University of Bergen, Norway
1989	Course: Environmental technology and hydrogeology, University of Oslo, Norway
1986-1988	Cand. mag. (BSc): Geology, chemistry, philosophy, University of Bergen, Norway
1985-1986	Basic study: Geology, botany and mathematics, University of Göttingen, Germany
1984	Basic study: Geology and physics, University of Heidelberg, Germany
1983-1984	Basic study: Norwegian language and culture, University of Hamburg, Germany
1983	Course: Rhetoric and leadership, Academy of economics, Kiel, Germany
1982	Course: Didactic and leadership, Academy of economics, Kiel, Germany

Other and further education

2006	Training course: Advising international students, Maastricht, NL (EAIE & SAFSA)
2005	Seminar: Relation building (Relasjonskompetanse), Jan Spurkeland
2005	Course: The higher education system of Germany, Leipzig, DE (SIU)
1997	Seminar: The EU Sokrates programme, European Union (EU)
1996	Course: Project management, Gol community, Norway
1988	Workshop: Sediment traps, Helsinki, Nordic Council
1985	TOEFL-test: Test of English as a foreign language, Göttingen, Germany
1985	Examen artium: (A-levels in Norway) Chemistry, Ås Videregående Skole, Norway
1981	Abitur: (A-levels in Germany) Hansa Gymnasium Hamburg-Bergedorf, Germany

Languages (oral and written)

English	Fluent: studies in England, international publications, talks, cruises and teaching
Norwegian	Fluent: daily working language, basic studies: Norwegian language and culture
German	Native speaker

EXPERIENCE

Professional experience and positions

1995-ongoing	HSF University College (Høgskulen i Sogn og Fjordane)
1995-ongoing	Associate Professor of environmental geology
2005-ongoing	International coordinator at the Faculty of engineering and science
2005-2006	IT-officer at the Faculty of engineering and science
2003-2007	Head of the geology department (seksjonsleder)
1999-2000	Institutional (HSF) Research coordinator (fou-leder)
1996-1998	Head of the geology department (seksjonsleder)
1996-1998	Vice dean at the Faculty of engineering and science (prodekan)

1990-1999	UiB University of Bergen	
1998-1999	Lecturing in marine geology (for Prof. Dr. Hans Schrader)	
1994-1995	Research assistant , MAST-II «Paleoflux» programme, EU	
1991	Assistant , data collection on projects within coastal zone management and resource exploitation in the Third World, The Norwegian Agency for Development Cooperation (NORAD, SMR)	
1990	Daily leader , PONAM research cruise to Svalbard, Norwegian Polar Institute	
1990	Assistant , database on marine research along the coast of Western Norway, Centre for the Study of Resources and the Environment (SMR)	
1991-1994	NGU Norges Geologiske Undersøkelse	
1991-1994	Coordinator and research assistant , geochemical analysis and chief scientist of cruises within the national Norwegian MGK-programme on marine geological mapping of pollution in the Skagerrak (in cooperation with the University of Bergen and the Ministry of the Environment)	
1981-1989	Other	
1987-1989	Assistant for physically disabled people, Fana community, Norway	
1984-1985	Private teacher of German, Oslo, Norway	
1984-1985	Trainee of agriculture and forestry, Vestby community, Norway	
1981-1983	Sergeant , German military defence, Lübeck, Germany	

Teaching experience

HSF University College, Norway

2001-ongoing	GE475	30ects	Coordination and teaching “From Mountain to Fjord” & “Fjord Heritage”: 6ects Fjord sedimentology 3ects Geochemistry 3ects Limnology
2007-ongoing	GE409	10ects	Sedimentology and global change
2007-ongoing	GE419	10ects	Petroleum geology and mineral resources
2007-ongoing	GE429	10ects	Geology and tourism
2003-2007	PE405	10ects	Advanced petroleum geology
2003-2007	PE405	10ects	Sedimentology and petroleum geology
1997-2004	GE443	6ects	Geochemical pollution problems
2000-2002	GE445	6ects	Sedimentology
1997-2002	GE434	6ects	Global environmental change
1996-2000	GE405	1ects	General geology: marine geology, environmental geology
1996-1998	GE450	6ects	Electronic data processing within geosciences
1996-1998	GE441	2ects	Geophysical methods: interpretation of borehole data
1996	GE430	6ects	Environmental geology

University College (Fachhochschule) Bingen, Germany

2007-ongoing	UP16	1ects	Basic geology and excursion within “Soil science” (Erasmus)
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University of Oldenburg, Germany

1998-present	Seminar	3ects	Environmental sedimentology & Geological resources (Erasmus)
2001-2004	POS	6ects	Physically Oriented Sciences: Sedimentary processes (North Sea University Network: “Integrated Coastal Zone Management” master programme, InterReg IIIB)

University of Bergen, Norway

1998-1999	G226	6ects	Marine geology
1998	G150	2ects	Introduction to marine science: marine geology
1992-1995	G150	3ects	Introduction to marine science: marine geology & chemistry
1991-1995	G226	1ects	Marine geology: Fjord-sedimentology
1990-1994	G223	3ects	Marine micro-palaeontology: Exercises
1990-1991	G106	1ects	Quaternary geology: dating methods

Research projects (partners; total volume of project funding in €)

2007-2008	University Hamburg-Harburg, Germany: Sewage of the Sogndalsfjord – an integrated hydrographic and geobiological study (€2.000)
2005-2008	Beloit College, USA, Van Hall Institute, The Netherlands: The reconstruction of the “Little Ice Age” build up and retreat in the Austerdalen valley system based on lake and fjord sediments (€1.000)
2004-2005	University of Bergen (UiB), Netherlands Institute of Sea Research (NIOZ): Anoxic fjord sediments: an analogue to Jurassic black shale formation? (€1.000)
2000-2006	NWO-Council, The Netherlands, NIOZ: Recycling of respired CO ₂ in stratified marine systems: consequences for the interpretation of the stable carbon isotopic record (€1.000)
2001-2002	InterConsult, Norwegian Geotechnical Institute (NGI), Norwegian Institute of water Research (NIVA): Bergen harbour sedimentary and pollution processes (€50.000)
1999-2001	Netherlands Institute of Sea Research (NIOZ): Holocene sediments in the Drammensfjord – (€2.000)
1998-2000	FP4, European Union (University of Göteborg, UiB, University of Newcastle, University of Riga, University of Delft): H-SENSE: Harbours – Silting and environmental sedimentology (€1.000.000)
1998-1999	Statoil, Norway: The influence of sedimentological processes on the geochemistry of fjord sediments at Statoil Mongstad (€10.000)
1997-1998	Sogn og Fjordane County/Askvoll community, Norway: Anoxic episodes in the Kyllaren, Askvika natural reserve, Askvoll community (€15.000)
1997-1998	Lørenskog community, Norway: The effect of artificial aeration on organic rich sediments in lake Langvannet, Lørenskog community (€3.000)
1997-1998	Forschungszentrum TerraMare, Germany: Selected Geochemistry versus sedimentology in the Jadebusen, Wadden Sea National Park, Germany (€2.000)
1996-1997	Norwegian University of Science and Technology, Trondheim (NTNU): Sedimentation history in the Amlabukta, Western Norway (€1200)
1996-1997	Norwegian Geological Survey (NGU): Changes in trace metal concentrations in Skagerrak sediments (€5.000)
1996-1997	Gol community, Norway: Quaternary geology, hydrogeology and geophysical investigations in Gol community (€7.000)
1994-1995	UiB, Norway (research assistant): MAST II, «Paleoflux»-programme
1991-1994	NGU, State Pollution Authority (SFT), Norway (research assistant): MGK-Marine geological mapping in the Skagerrak (€1.200.000)
1991-1993	UiB, NGU: Actuo-geological sedimentation in Norwegian coastal and fjord areas (€80.000)
1988-1990	UiB: Historical sedimentation in the anoxic Barsnesfjord (€2.000)
1988-1990	UiB (research assistant): POC-Predicting ocean climate

Results of the research projects since 1991

Results

- Supervisor of **11 candidate theses** at the HSF University College, Norway
- External supervisor for **1 Bachelor thesis** at the Universität Hamburg-Harburg, Germany
- External supervisor for **11 Master theses** (Hovedfag) at the University of Bergen, Norway
- External supervisor for **1 Master thesis** (Hovedfag) at the University of Trondheim (NTNU), Norway
- External supervisor for **1 Master thesis** (Diplom) at the University of Oldenburg, Germany
- External supervisor for **1 Doctoral thesis** (PhD) at the University of Göteborg, Sweden
- External supervisor for **2 Doctoral theses** (PhD) at the University of Delft and NIOZ, The Netherlands
- **35 research cruises**, of which **26 as chief scientist and organizer**: Baltic Sea, Fjords, GIN-Seas, North Sea, Skagerrak, Svalbard/Barents Sea
- **98 scientific publications, abstracts, invited talks, reports and popular scientific articles.** Please refer to the reference list of scientific publications (REFERENCES at home page)

Honours

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| 2001 | Winner of the HSF bi-annual Research Award 2000 (awarded to the Institute of Geology) |
| 2008 | Winner of the HSF bi-annual Education Award 2007 (together with Marit Solheim) |

Honorary functions

Professional

2008-ongoing	Coordinator: International one-semester course “Fjord Heritage”
2007-ongoing	Member: Faculty of Engineering and Science Steering Committee
2001-ongoing	Coordinator and initiator: International one-semester course “From Mountain to Fjord”
1997-ongoing	Censor: (a) Master theses, UiB, UiO, NTNU, and (b) G226 Marine Geology, UiB
1994-ongoing	Referee: (a) Environmental pollution, (b) GFF - The Geological Society of Sweden, (c) Hydrological Science
2000-2003	Coordinator HSF: Master “Integrated coastal zone management, InterReg IIIb, North Sea University Network
1999-2001	Member of the committee: Virtual academy of Science, UiB, ODEL
1999-2000	Member of the committee: New master studies at the Faculty of Science, HSF
1999-2000	Secretary: Research Award Committee, HSF
1999-2000	Secretary: Research Panel, HSF
1999	Member of the committee: The quality of studies at the Faculty of Science, HSF
1998-1999	Third representative of the steering board: University College, HSF
1998	Organizer: International EU-Workshop (H-Sense), EU
1998	Member of the committee: Study development at the Faculty of Engineering, HSF
1996-2000	County-Representative: Norwegian Water Organization
1996-1998	Vice-Member: Norwegian Hydrology Council, Oslo
1996-1998	Member of the steering board: The Faculty of Science, HSF

Student

1988-1990	Student-Representative – Budget Committee: Faculty of Natural Sciences, UiB
1988-1989	Student-Representative – Military Committee: Faculty of Natural Sciences, UiB
1987-1989	Student-Representative – Natural Science Student Organization: UiB

HOBBIES AND NON-PROFESSIONAL ACTIVITIES

Music

- **Choir: Kaupanger Bygdakor – KBK**
 - Singing bass and solo
 - Member of the choir steering committee since 2004
 - Chairman of the choir since 2008
- **Norwegian Choir Association Sogn og Fjordane – NKSF**
 - Active deputy representative of the NKSF steering committee since 2007
- **Playing instruments**
 - Violin
 - Guitar
 - Piano

Outdoor activities

- **Hiking in the mountains**
- **Cross country skiing**
- **Rowing**

Other hobbies

- **Dinosaurs**
- **Reading literature (all genres) in original language: German, Norwegian, English**