

Curriculum Vitae

Peter Schlosser

Education

July 22, 1985: Promotionsprüfung (PhD Degree)
1982 – 1985: Dissertation work, University of Heidelberg; Thesis advisors:
Prof. Wolfgang Roether and Prof. Karl Otto Münnich
July 31, 1981: Diplomprüfung (equivalent to Master of Science Degree)
1975 – 1981: Study of Physics, University of Heidelberg

Employment

2022 – Acting Dean, College of Global Futures
2021 – Distinguished Global Futures Scientist
2019 – Director, Global Futures Laboratory, Arizona State University
2019 – 2021 Director, Julie Ann Wrigley Global Institute of Sustainability, ASU
2018 – Vice President and Vice Provost of Global Futures, Arizona State University
2018 – University Global Futures Professor, ASU
2018 – Professor, Schools of Sustainability, Earth and Space Exploration, School of Sustainable Engineering and the Built Environment, and School of Ocean Futures, ASU
2018 – 2021 Distinguished Sustainability Scientist
2015 – 2017 Maurice Ewing and J. Lamar Worzel Professor of Geophysics
Department of Earth and Environmental Engineering
1993 – 2017 Professor, Department of Earth and Environmental Sciences,
School of Engineering and Applied Science, Columbia University
1999 – 2014 Vinton Professor of Earth and Environmental Engineering
Summer 1994: Visiting Professor, University of Washington, Seattle
1993 to 2017 Senior Staff, Lamont-Doherty Earth Observatory
July 1, 1992: Tenure, Columbia University
July 1, 1989: Appointment to Associate Professor, Columbia University
April 1, 1986- Assistant Professor (Hochschulassistent), Institute for
June 30, 1989 Environmental Physics, University of Heidelberg
1981-1986: Research Assistant, Inst. f. Umweltphysik, Univ. of Heidelberg
2015 – 2017 Chair, Dept. of Earth and Environmental Engineering, CU
2000 – 2003 Chair, Dept. of Earth and Environmental Engineering, CU
2000 – 2003 Associate Chair, Henry Krumb School of Mines, CU
2012 – 2017 Deputy Director, The Earth Institute, Columbia University
2007 – 2017 Director of Research, The Earth Institute, Columbia University
2009 – 2015 Founding Chair, Earth Institute faculty
2004 – 2012 Associate Director, The Earth Institute at Columbia University

Scientific interests

Global Futures; Sustainable Development; studies of water movement and its variability in natural systems (oceans, lakes, rivers, groundwater); ocean/atmosphere gas exchange; reconstruction of

continental paleotemperature records using groundwater as archive; anthropogenic impact on natural systems; Future Design and Planetary Management.

Honors/Recognition

- 2023 Elected member, World Academy of Art and Science
- 2021 Doctor Honoris Causa; Dimitrij Cantemir University, Bucharest
- 2016 Elected Member, German National Academy of Sciences (Leopoldina)
- 2012 Printing of groundwater dating publication as 'Benchmark Paper' by IAHS
- 2011 Elected Fellow of the Explorers Club
- 2011 Elected Fellow of the American Assoc. for the Advancement of Science (AAAS)
- 2007 Elected Fellow of the American Geophysical Union (AGU)
- 1994 Vetlesen Fellow, University of Washington, Seattle
- 2019 Member, Sigma XI

Memberships

American Geophysical Union
American Association for the Advancement of Science
The Oceanography Society
European Geophysical Union
Arctic Institute of North America
German Physical Society
New York Academy of Sciences
The Geochemical Society
International Sustainable Development Research Society

Professional activities / Leadership

- 2024 – Member, Falling Walls Advisory Committee
- 2023 Member Scientific Steering committee: 'Advancing Entrepreneurism' in the Geosciences; NSF/AGU
- 2023 Co-Chair, Organizing Committee; Global Futures Conference G23
- 2023 – Member, TIME CO2 Strategic Advisory Council of Global Climate Experts and Sustainability Leaders
- 2022 – 2024 Member Ethical Framework for Climate Intervention Advisory Board, American Geophysical Union
- 2022 Co-Chair; Organizing Committee; Global Futures Conference GF22
- 2021 – Chair, Strategic Evaluation Committee; Helmholtz Association Research Area Earth and Environment
- 2021 – Member, Science Council, Conservation International
- 2021 – Member, Board, American Geophysical Union
- 2021 – Chair, Development Board, American Geophysical Union
- 2021 – Member, Board; BIOS (Bermuda Institute of Ocean Science)
- 2021 – Chair; BIOS Advisory Board
- 2020 – Chair, Scientific Advisory Committee; German Marine Research Alliance
- 2020 – Member, Editorial Board of the 10 New Insights in Climate Science
- 2019 – Co-Chair; The Earth League
- 2019 – Member, AGU College of Fellows; Frontiers Committee
- 2019 – Member, Board of Carbon Collect Limited; formerly SKHL
- 2019 – Member, Board of McDowell Sonoran Conservancy
- 2019 Chair; Strategic Evaluation Committee; Helmholtz Association Research

	Area Earth and Environment
2017 – 2020	Co-Chair, Organizing Committee, 4 th Arctic Observing Summit
2017	Member, Organizing Committee WCRP/IOC Sea Level Conference
2016 – 2021	Member; Expert Group, German Excellence Strategy
2016	Co-Organizer; Workshop on a '5°C Arctic in a 2°C World'; Columbia University
2015 – 2019	Member, AGU (American Geophysical Union) Development Board Board
2015 – 2022	Member, Board; Sustaining Arctic Observing Networks
2010 – 2022	Co-Chair, Science Steering Group; ISAC (International Study of Arctic Change)
2017 – 2018	Member, AGU College of Fellows; Town Hall committee
2015 – 2017	Member, University College Dublin Earth Institute Scientific Advisory
2015 – 2017	Member, German Science Council Committee for National Roadmap for Research Infrastructure
2014 – 2016	Member, Scientific Steering Committee ArcticSTAR
2014 – 2016	Co-Chair; Organizing Committee; 3 rd Arctic Observing Summit
2014 – 2015	Member, German Science Council Committee for Evaluation of the Helmholtz Association Program Oriented Support Structure
2014 – 2016	Member, International Scientific Advisory Committee; MEOPAR; Marine Environmental Observation Prediction and Response Network
2015	Co-Chair; Symposium on Sustainable Oceans; Columbia University; September 28 – 30, 2015.
2013 – 2014	Co-Chair; 2 nd Arctic Observing Summit; Helsinki, April 2014
2013 – 2014	Chair, AGU OS section Honors and Recognition Committee
2013 –	Member, Earth League
2013 – 2017	Member, selection committee, AGU 'Science for Solutions' award
2012 – 2015	Member, Scientific Advisory Board; Excellence Cluster 'Future Ocean'; Kiel
2012 – 2017	Member of the Board; International Sustainable Development Society (ISDRS)
2012 – 2013	Member, Organizing Committee, 1 st Arctic Observing Summit Vancouver; May 2013
2012 – 2013	Member; Scientific Committee; Draeger Symposium 'Sustainable Oceans'; Lisbon, June 2013
2012	Member, German Science Council Review Panel for Excellence Initiative
2011 – 2012	Member; Scientific Committee; Draeger Symposium 'Sustainable Oceans'; New York, July 2012
2011 – 2013	Member, German Science Council Committee for National Roadmap for Research Infrastructure
2011 – 2012	Member, Scientific Committee, International Sustainable Development Research Conference 18 (ISDRC 18)
2011	Convener; Bellagio Conference on an International Alliance in Sustainable Development; August 24 – 27, 2011
2010 – 2011	Member; Scientific Committee; Draeger Symposium 'Sustainable Oceans'; Hamburg, Germany, June 29 – July 1, 2011
2010 – 2011	Co-Chair of the International Sustainable Development Research Conference 17; Chair, Scientific Committee of ISDRC 17
2010 – 2011	Member; NAS/NRC panel 'Future Science Opportunities in the Antarctic and Southern Ocean'
2010 – 2011	Member, AGU Mission:Alignment Project (M:AP)

2010 – 2012 President, AGU Ocean Sciences section
 2009 – 2010 Chair, Organizing Committee; State of the Arctic Conference (Miami, March 16 to 19, 2010)
 2009 – 2012 Member; SEARCH (Study of Environmental Arctic Change) Arctic Observing Network Design and Implementation Task Force (ADI)
 2009 - 2011 Member U.S. GEOTRACES Arctic Ocean Planning Group
 2010 Member, AGU (American Geophysical Union) Governance Task Force
 2009 – 2010 Member, AGU Strategic Planning Task Force
 2009 – 2010 Member, German Science Council Committee on German Research Fleet
 2008 – 2012 Chair (2008 – 2010) and member (2010 – 2012), AGU Ocean Sciences section Fellows selection committee
 2008 – 2010 Member, AGU Statutes and Bylaws Committee
 2008 – 2014 Member, AGU Ocean Sciences section executive committee
 2008 – 2010 President – Elect, Ocean Sciences Section, American Geophysical Union
 2008 – 2012 Member AGU Council
 2006 – 2010 Member, Scientific Advisory Board, Max Planck Institute for Meteorology, Hamburg
 2006 – 2010 Member, Science Steering Group, International Study of Arctic Change
 2005 – 2010 Chair, External Advisory Board, Princeton University/GFDL Joint Institute on Climate Studies
 2004 - 2005 Member, IASC/AOSB Planning group for the International Study of Arctic Change Program (ISAC)
 2004 – 2006 Member, NAS PRB Panel on Arctic Observing Networks
 2004 – 2010 Chair, SEARCH (Study of Environmental Arctic Change) SSC
 2003 – 2005 Member, U.S. National Committee for the International Polar Year (National Academy Panel)
 2002 - 2004 Member, NSF Polar Programs Office Advisory Committee
 2001 - 2005 Member, IGBP SOLAS (Surface Ocean Lower Atmosphere Study) International Scientific Steering Group
 2001 – 2006 Member, SCICEX Science Steering Group
 2001 – 2002 Member, ASOF (Arctic and Subarctic Ocean Fluxes) Science Steering Group
 2000 – 2004 Member, AGU Ocean Sciences Section executive committee
 2000 – 2009 Member, Section ‘Radiometric dating of sediments and waters’; Heidelberg Academy of Sciences
 2000 - 2008 Chair, Science Steering Committee, ARCHES (Abrupt Climate Changes)
 1999 - 2003 Member, SEARCH (Study of Environmental Arctic Change) Scientific Steering Committee
 1999 - 2003 Co-chair, NSF/ARCUS Logistics Working Group
 1999 - 2002 Editor in Chief, Journal of Geophysical Research, Oceans
 1998 - 2001 Member, SOLAS (Surface Ocean Lower Atmosphere Study) Planning group
 9/98 Co-Chair, NSF/ARCUS workshop on ‘Opportunities in Arctic Research’
 1998 – 2001 Member, US CLIVAR Science Steering Group
 1997 Member, Steering Committee, NSF workshop ‘Advances and Primary Research Opportunities in Physical Oceanography Studies (APROPOS)’
 1996 – 1997 Co-chair, Arctic Research Consortium of the U.S. (ARCUS) Logistics Working Group; report to Arctic Research Commission of the U.S.
 1997 – 2000 Member, iAnZone/Scientific Committee on Oceanographic Research (SCOR) Steering Committee

1997 - 2004	Member, World Meteorological Organization (WMO)/ International Council of Scientific Unions (ICSU)/International Oceanographic Commission (IOC) Joint Scientific Committee for the World Climate Research Programme (WCRP)
1996 - 2000	Chair; L-DEO component of CORC (Consortium of the Ocean's Role in Climate)
1995	Convenor, Ewing Symposium on Tracer Oceanography
1995 – 1998	Member, Woods Hole AMS Facility National Advisory and Policy Board
1995 – 1999	Board of Directors, Arctic Research Consortium of the U.S. (ARCUS),
1995 - 1997	Member, World Ocean Circulation Experiment (WOCE) Synthesis and Modeling Working Group (SMWG)
1994 - 1995	Member, US WOCE Atlantic Ocean Scientific Steering Group (AOSSC)
1995	National Academy of Sciences, Panel on Climate Variability on Decade-to-Century time scales
1993 - 2000	Co-chair, Scientific Steering Group, NOAA Consortium for the ocean's role in climate (CORC)
1991 - 1997	Member, US WOCE Scientific Steering Committee
1992 - 1996	Member, US WOCE SSC Executive Committee
1992 - 1995	Columbia University Representative to ARCUS
1994	Vetlesen Fellow, Univ. of Washington, Seattle (May to Aug. 1994)
1991	Member, NOAA/JOI Ocean Observations Science Panel
1989 - 1994	Chair, WOCE Geochemical Tracer Scientific Panel
1990 - 1991	Member, WOCE SSG Executive Committee
1989 – 1993	Member, WOCE International Scientific Steering Group

Arizona State University leadership and service

2022 –	Acting Dean; College of Global Futures
2021	Chair, search committee, Walton Sustainability Solutions Chair
2019	Chair, search committee, Walton Sustainability Solutions Chair
2019 –	Member; Biodesign Institute Advisory Committee
2019 – 2020	ASU Hawaii Task Force
2019 –	Director, Julie Ann Wrigley Global Futures Laboratory
2019 – 2021	Director; Julie Ann Wrigley Global Institute of Sustainability and Innovation
2018 –	Vice President and Vice Provost of Global Futures

Columbia University leadership and service

2016 – 2017	Chair; Department of Earth and Environmental Engineering
2016 – 2017	Member, Search Committee for Earth Institute Director
2014 – 2016	Co-Chair, DEEE search committee for 4 professorships
2013 – 2014	Member, DEES faculty search committee
2012 – 2017	Deputy Director, The Earth Institute, Columbia University
2012 – 2013	Member, search committee for Dean of School of Engineering and Applied Science
2011 – 2015	Co-Chair, Columbia University seminar on ‘Complexity Science, Modeling and Sustainability’
2011 – 2012	Member, search committee for Lamont-Doherty Earth Observatory Director

2011 – 2012 Member, search committee for named professorship and department chair in DEEE

2011 – 2012 Member, DEES faculty search committee

2010 – 2012 Member, SEAS promotions committee

2015 – 2017 Chair, Department of Earth and Environmental Engineering

2010 – 2011 Chair, DEEE faculty search committee

2010 – 2014 Chair, Earth Institute Task Force on Sustainable Development

2009 – 2015 Chair, Earth Institute faculty

2009 – 2017 Chair, Earth Institute faculty Executive Committee

2007 – 2017 Director, Columbia Climate Center

2007 – 2017 Director of Research, The Earth Institute at Columbia University

2006 – 2007 Chair, Search Committee for faculty position in DEEE

2007 – 2017 L-DEO Executive Committee (Earth Institute Representative)

2006 – 2010 Member, Directorate of the Lenfest Center for Sustainable Energy

2004 – 2009 Member, Science Steering Group of the Global Roundtable on Climate Change (GROCC)

2004 – 2017 Chair, Earth Institute Cross – Cutting Initiative

2004 – 2017 Director, Earth Clinic, The Earth Institute at Columbia University

2004 – 2012 Associate Director, The Earth Institute at Columbia University

2003 – 2005 Member, Executive Committee of the Earth Institute at Columbia University (committee was dissolved in 2005)

2002 – 2009 Chair, Academic Committee of the Earth Institute at Columbia University

2002 - 2005 Member, Arts and Sciences Academic Review Committee

2002 - 2008 Member; L-DEO new Geochemistry Building Committee

2002 – 2003 Co-Chair L-DEO search committee for observational oceanography

2001 - 2002 Member, Biosphere 2 Faculty Council

2000 – 2003 Chair; Department of Earth and Environmental Engineering

2000 - 2002 Co-chair, CEI Academic Committee

1999 - 2000 Chair, Search Committee for Ewing-Worzel Chair

1999 – 2000 Member; search committee for CU Earth Institute and L-DEO directors

1999 – 2002 Member, review panel, Columbia University Academic Quality Fund

1999 Member, search committee for three junior faculty positions in Earth systems theory

1998 Member; search committee for Barnard faculty position in environmental organic geochemistry

1998 - 2003 Member, CU Environmental Molecular Science Institute Executive Committee

1997 - 2003 Department of Earth and Environmental Sciences, Planning Committee

1997 - 1998 Member, Columbia Earth Institute, Planning Committee

1997 - 1999 Co-Chair, Columbia Earth Institute; Interim Academic Committee

1996 - 1997 L-DEO Career Development Working Group

1996 - 1997 L-DEO Scientific Facilities Working Group

1996 - 1997 Co-chair; L-DEO Research Working Group

1996 - 1997 Columbia Earth Institute; Education Working Group

1996 - 1997 Columbia Earth Institute; Research Working Group

1996 - 2003 L-DEO Executive Committee

1995 Biosphere II Science/Research Committee

1995 Search committee for Director of Development

1994 – 1996 CERC Advisory group

1994 - 1995 Environmental Science lecture series committee

1994	Doherty Senior Scientist Nomination Committee
1994	Long Range Science Plan group
1994	Chair, Search Committee for junior faculty position in DEES
1994 - 1995	L-DEO and CEI Director Search Committee
1994 - 1996	Global System Initiative, Project Planning Group
1993 - 2010	NOAA Consortium L-DEO Scientific Steering Group
1993 - 1994	Geochemistry Green Building Committee
1992 – 1993	L-DEO Hydrology Committee
1992, 1993	L-DEO Postdoctoral Fellow selection committee
1991 – 1994	Chair, Geochemistry Safety Committee

Field experience

Meteor cruise 51	Tropical Atlantic; May to Jun, 1979
Meteor cruise 56	Buenos Aires-Hamburg; Mar to May, 1981
Polarstern cruise ANT III	Weddell Sea; Jan to Mar, 1985
Polarstern cruise ANT V	Weddell Sea; Jun to Sep, 1986
Polarstern cruise ARK IV	Arctic Ocean; Jul to Sep, 1987
Meteor cruise 11	Antarctic Circumpolar Current: Atlantic sector; Jan to Mar, 1990
Arctic 91 Expedition	Arctic Ocean; Jul to Oct, 1991
Hudson River work	summer 2001, fall 2001; summer 2002, summer 2003, summer 2004

Invited talks (selected)

Alfred – Wegener Institute for Polar and Marine Research, Bremerhaven
 Arizona State University
 Bedford Institute of Oceanography, Halifax, Canada
 Cornell University
 Duke University
 Environmental Molecular Science Laboratory, PNNL
 ETH, Zuerich, Switzerland
 Naval Postgraduate School, Monterey
 Institute of Ocean Sciences, Victoria, Canada
 Institute for Marine Science, University of Hamburg
 Institute for Marine Science, University of Kiel, Germany
 International Arctic Science Center, Fairbanks; *First Lee Lecture*
 Johns Hopkins University
 Lamont-Doherty Earth Observatory, Columbia University
 MIT
 Max-Planck Institute for Chemistry, Mainz
 NASA, Goddard Space Flight Center
 National Science Foundation, OPP section
 Naval Postgraduate School, Monterey
 Penn State University
 Rensselaer Polytechnic Institute
 Rutgers University
 Southampton National Oceanographic Center
 State University of New York, Stony Brook
 Stevens Institute of Technology
 Swedish Polar Secretariat
 Texas A&M University

University of Alaska, Fairbanks
University of Bern, Switzerland, *Colloquium*
University of Bremen, Germany
University of Calgary
University of Edinburgh
University of Hawaii
University of Hamburg, Germany
University of Heidelberg, Germany, *Colloquium*
University of Kiel
University of Miami, RSMAS
University of Michigan, Ann Arbor; *Turner Lecture*
University of Paris
University of Toronto
University of Vienna
University of Washington, Seattle
University of Waterloo
Woods Hole Oceanographic Institution
Yale University

Numerous AGU sessions
Several GSA sessions
Several Goldschmidt sessions
Numerous EGU sessions

ACSYS Science Conference
Arctic Nuclear Waste Assessment Program; Woods Hole
Arctic Observing Summit
Arctic Summit Science Week, Tromso, Potsdam
ARCUS Forum
Crafoord Symposium, Stockholm, 2007
Draeger Symposium 'Sustainable Oceans'
Ewing Symposium on Tracers in Oceanography
Future Ocean Symposium, Kiel
German Physical Society Annual Meeting (Regensburg, Heidelberg)
International Sustainable Development Research Conference
NAS meeting on International Polar Year
NRC meeting on climate variability
Ringberg Conference on noble gases
WOCE Conference, Halifax
WOCE Southern Ocean Workshop, Hobart
WOCE Tracer Workshop, Bremen

Keynote speaker at 4 IAEA conferences (Intern. Atomic Energy Agency)
Numerous Science Planning Meetings

Students advised/sponsored

* sponsored; ¹ Masters Thesis; ² PhD Thesis

University of Heidelberg

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|----------------|-------------------------------|----------------------------|
| 1. 1982 – 1983 | Christian Wagner ¹ | Wet deposition of aerosols |
| 2. 1983 - 1984 | Rolf Ditschmann ¹ | Wet deposition of aerosols |

3.	1984 – 1985	Dietmar Wierzimok ¹	Wet deposition of aerosols
4.	1985 – 1989	Reinhold Bayer ^{*,1,2}	Development of mass spectrometric tritium measurement by the ³ He ingrowth method
5.	1986 – 1991	Gerhard Bönisch ^{*,1,2}	Tracer studies in the Arctic Ocean
6.	1986 - 1987	Christoph Heinze ¹	Modeling of tracer data
7.	1986 – 1989	Fritz Zaucker ^{*,1}	Modeling of tracer data
8.	1987 – 1989	Christoph Pfeleiderer ¹	AMS ¹⁴ C technique
9.	1987 – 1989	Martin Hausmann ^{*,1}	Measurement of the diffusion constant of helium in ice
10.	1988 - 1989	Axel Suckow ^{*,1}	Measurement of helium permeation through glass
11.	1987 - 1989	Hans Rupp ^{*,2}	Development of helium isotope mass spectrometry
12.	1988 - 1989	Amelie Schultze ^{*,1}	Dynamic solubility equilibrium of ³ He in water

CU/L-DEO

1.	1990 – 1995	Jordan Clark ²	Surface water hydrology; gas exchange
2.	1990 - 1998	Brenda Ekwurzel ^{*,2}	Arctic Ocean tracer studies
3.	1990 – 1994	Dorothea Grabitz ^{*,2}	Fresh water balance of the Arctic Ocean
4.	1993 – 1997	Stephanie Dunkle ^{*,2}	Shallow groundwater circulation
5.	1993 - 1996	Gautam Mandal ^{*,2}	Southern Ocean
6.	1994 - 2001	Bob Newton ^{*,2}	Arctic Ocean modeling
7.	1995 - 2000	David Ho ^{*,2}	Surface water hydrology
8.	1996 - 1999	Samar Khatiwala ^{*,2}	Tracer oceanography
9.	1999 – 2005	Nicholas Santella ^{*,2}	SF ₆ and CFC studies
10.	2001 - 2003	Theodore Caplow	Hudson River Studies
11.	2001 – 2005	Xuefeng Liu ^{*,2}	CCl ₄ degradation in the environment
12.	2002 – 2005	Allan Hornemann ²	Tracer hydrology in Bangladesh
13.	2003 – 2009	Abigail Spieler ^{*,2}	Nordic seas circulation
14.	2003 - 2009	Paul Schmieder ^{*,2}	Hydrological studies
15.	2004 - 2010	Karrie Radloff	Hydrology/Geochemistry
16.	2005 - 2009	Brice Loose ^{*,2}	Tracer oceanography
17.	2013 – 2021	Angelica Pasqualini	Tracer Oceanography
18.	2017 – 2022	Dongping Song	Tracer Oceanography

Student Advisory Committees; *: primary advisor

1.	*Brenda Ekwurzel	1990 - 1998
2.	*Jordan Clark	1990 - 1995
3.	Rachel Oxburgh	1991 - 1993
4.	Aiguo Dai	1990 - 1993
5.	Bernard Bourdon	1990 - 1994
6.	Gideon Eschel	1990 - 1995
7.	Roberto Gwiazda	1990 - 1993
8.	Ta-Wei Chen	1991 - 1997
9.	Yan Zheng	1992 - 1998
10.	Jeff Severinghaus	1993 - 1994
11.	Javier Albarracin	1993
12.	*Stephanie Dunkle	1993 - 1997
13.	*Gautam Mandal	1993 - 1996
14.	Jennifer Monteith	1993 - 1995
15.	*Bob Newton	1993 - 2000

16. Paul Marchese	1993 - 1997
17. Stephanie Rubin	1994 - 1998
18. Karen Kohfeld	1994 - 1998
19. *David Ho	1995 - 2000
20. *Samar Khatiwala	1995 - 1999
21. Marcia Tobin	1996 - 1998
22. Juliet Nichols	1996 - 1999
23. Synte Peacock	1996 – 2000
24. *Nicholas Santella	1999 – 2005
25. Anthony Caniano	1999 – 2000
26. * Theodore Caplow	2001 – 2004
27. * Xuefeng Liu	2001 – 2005
28. Allan Hornemann	2001 – 2005
29. *Harry Zahakos	2001 – 2003
30. Jessy Cherrie	2002 – 2006
31. Alison Keimowitz	2001 – 2003
32. * Abigail Spieler	2003 – 2011
33. * Paul Schmieder	2003 – 2009
34. Ferdi Hellweger	2002 – 2004
35. * Kathleen Radloff	2004 – 2010
36. * Brice Loose	2005 – 2009
37. Ivan Mihailov	2008 – 2013
38. Jing Sun	2010 – 2016
39. Sheila Kragie	2011 – 2013
40. *Angelica Paqualini	2013 – 2021
41. *Alan Shapiro	2013 – 2014
42. Rajib Mozumder	2013 – 2019
43. *Garrett Gissler	2014 – 2015
44. Ken Sinclair	2015 – 2018
45. *Dongping Song	2017 – 2022

Teaching experience

University of Heidelberg

Introduction to Physical Oceanography	1987
Introduction to Tracer Oceanography	1988

Columbia University

Isotope Geology I	1990, 1992, 1994, 1997
Isotope Geology II	1991, 1993, 1995, 1998
Tracer Oceanography	1991, 1993, 1995, 1998
Isotope Hydrology	1992, 1997, 2001, 2003, 2008
Advanced Geochemistry II (with J. Simpson and M. Stute)	1992
Seminar on noble gases in rocks (with Michelle Seidl and Martin Stute)	1994
Seminar on Southern Ocean (A. Gordon, P. Schlosser, D. Martinson)	1997
Water Quality Analysis (with N. Anid)	2003
Earth Climate System (V2100)	2005, 2006, 2007, 2008, 2009
Responding to Climate Change	2011, 2012
Intro to Carbon Management (with V. Der)	2016, 2017 spring, 2017 fall

Arizona State University

Competent Boards:

Lectures for Board education

CGF 194: Shaping Tomorrow, Today

2019 – 2023

2023 spring, 2024 spring