

Curriculum Vitae

Personal information

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Nationality; Date of Birth: Swiss; 29 August 1985
Family status: Stable relationship, 1 child (born 5 December 2019)
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Languages: German, English, French, Spanish, Wolof (Senegal/The Gambia), Creole (Haiti), Malagasy



Education

May 2019 – Jun 2021 Individual courses in the University of Bern's Higher Education CAS
Five courses entitled “Best of Frontalunterricht (2 days)”, “Basics der Hochschuldidaktik (3 days)”, and “Moderation (1 day)”, “Wissenschaftliches Schreiben kompetent begleiten (1 ECTS)”, “Online Lehre aktivierend gestalten (1 ECTS)”.

Jul 2018 – Nov 2020 Postdoc Academy for Transformational Leadership, Robert Bosch Stiftung, Berlin, DE

Jul 2012 – Mar 2016 Dr. Phil. Nat. (PhD), Centre for Development and Environment and Institute of Geography, University of Bern, CH

PhD in Geography and Sustainable Development, supervised by Prof. Dr. Hans Hurni, Dr. Peter Messerli, and Dr. Gudrun Schwilch, defended on **24 March 2016**, *summa cum laude* honours.

PhD thesis on “Landscape dynamics and ecosystem service benefits in the biodiversity hotspot of north-eastern Madagascar: Generating knowledge for navigating conservation–development trade-offs”; including 12 months of field research in Madagascar and 1 month in Côte d’Ivoire.

Sep 2011 – Mar 2013 Centre for Geoinformatics, University of Salzburg, AT
Certificate as “Academic GIS Technician” (UNIGIS Professional)

Sep 2007 – Mar 2010 MSc in Environmental Sciences, Swiss Federal Institute of Technology (ETH), Zurich, CH
Master’s thesis on “Documentation, Evaluation and Impact Assessment of Sustainable Land Management Technologies on Vegetation Cover in Senegal”, supervised by Dr. Jean-Pierre Sorg and Dr. Hanspeter Liniger, grade 6 (overall MSc grade: 5.62).

Aug 2006 The Tropical Biology Association (TBA), Cambridge, UK
One-month field course in “Ecology and Conservation of Tropical Ecosystems” in Kibale National Park, Uganda

Sep 2003 – July 2006 BSc in Biology, University of Zurich, CH
Specialization in “ecology and evolution”.

Employment history

Feb 2022 – ongoing Wyss Academy for Nature, University of Bern, CH

Assistant Professor Tenure Track “Land Systems and Sustainability Transformations” (100%). Affiliated Professor and Member of the Executive Committee, Centre for Development and Environment. Affiliated Professor, Institute of Geography.

- Apr 2021 – Jan 2022** Centre for Development and Environment, University of Bern, CH
- Member of the Executive Committee and Head of Impact Area "Sustainable Land Systems" (90%).** Management: responsible for CDE's overall research strategy and project portfolio; personnel management for 20 staff. Research: Overall Project Leader, Coordinator, or Work Package Leader for six different research projects in Madagascar, Laos, and Myanmar. Teaching: contributions to different courses in CDE's BSc and MSc minor programmes in Sustainable Development; co-supervision of PhD and MSc theses, supervision of BSc thesis.
- Apr 2016 – Mar 2021** Centre for Development and Environment, University of Bern, CH
- Postdoc (100%; since 01.05.2020 90%).** Overall Project Coordinator (since 01.01.2018) and Work Package Co-Leader in the SNSF-funded r4d project "Managing Telecoupled Landscapes for the Sustainable Provision of Ecosystem Services and Poverty Alleviation". Field research in Madagascar, Laos, and Myanmar. | Project leader of the SNIS-funded project "Governance processes and sustainability impacts of the extractive industries: Generating transformation knowledge in the biodiversity hotspot of Madagascar". (Since 01.05.2020). | Project leader of the privately funded research for development project "Landscape stewardship for nature and people" in Madagascar. (Since 01.10.2019). | Co-Applicant of the Helvetas-led consortium for a project on "Climate resilient cocoa landscapes in Madagascar", financed by SECO. (Since 01.04.2020). | Work Package Co-Leader in the Belmont-funded project "African Food, Agriculture, Land and Natural Resources Dynamics in the Context of Global Agro-Food-Energy System Changes. Field research in Kenya, Mozambique, and Madagascar. (Until 31.08.2019). | CDE Staff Representative. (Until 31.03.2018).
- May 2018 – Apr 2019** Department of Geography and Conservation Research Institute (UCCRI), University of Cambridge, UK, Visiting Scholar (100%), partly funded by SNSF
- Jan 2015 – Mar 2016** Centre for Development and Environment, University of Bern
- Research Associate in the SNSF-funded r4d project "Managing Telecoupled Landscapes for the Sustainable Provision of Ecosystem Services and Poverty Alleviation". Field research in Madagascar and Laos.
- Oct 2011 – Dec 2014** Centre for Development and Environment, University of Bern
- Research Associate in the SDC-funded Eastern and Southern Africa Partnership Programme (ESAPP) and the World Overview of Conservation Approaches and Technologies (WOCAT). Field research in Madagascar.
- Mar – Jul 2011** NCCR North-South Cooperation Office, Dushanbe, Tajikistan
- Research Associate in the World Bank's Pilot Program for Climate Resilience (PPCR) in Tajikistan. Field research in Tajikistan.
- Sep 2010 – Feb 2011** Research Group "Foresterie pour le Développement", Institute of Terrestrial Ecosystems, Swiss Federal Institute of Technology (ETH), Zürich, CH
- Scientific Collaborator.
- Sep – Dec 2010** WOCAT (World Overview of Conservation Approaches and Technologies) Secretariat, Centre for Development and Environment, University of Bern, CH
- Part-time Research Assistant at the WOCAT global secretariat. One WOCAT training for government officials conducted in Senegal.
- Apr – May 2010** Centre de Suivi Ecologique, Ministère de l'Environnement et de la Protection de la Nature, Fann-Résidence, Dakar, Senegal
- Research Consultant for the FAO "Land Degradation Assessment in Drylands (LADA)" project. Field research in Senegal.
- Jul – Oct 2009** Centre de Suivi Ecologique, Ministère de l'Environnement et de la Protection de la Nature, Fann-Résidence, Dakar, Senegal. Research Intern. Field research in Senegal.
- Sep – Mar 2008 – 2009** Helvetas Haiti, Port-au-Prince, Haiti. Research Intern. Field research in Haiti.
- Jul – Aug 2007** Operation Wallacea, Conservation Research through Academic Partnership, Lincolnshire, UK. Research Assistant for University of Oxford in Cusuco National Park, Honduras.

Institutional responsibilities

Since Feb 2022: Member of the Wyss Academy for Nature's strategy committee.

Since Feb 2022: Represented the Institute of Geography in one faculty appointment committee.

2016–2018 Staff representative and coordinator of CDE's internal working group "Gender equality and career development"

2016–2018 Representative to the University of Bern intermediate staff association (MVUB)

Approved research projects

Dec 2023: Main applicant for a grant under the CLOC Eastern Africa Seed Money Grant Call. 1 Jan 2023 – 31 Dec 2023. CHF 15,000.

Jun 2023: Co-applicant for a Helvetas-led consortium for a project on "Paysage Sambirano", financed by SECO. 4 years, 1 June 2023 – 31 May 2027. CHF 127,000.

Dec 2022: Co-applicant for and SNSF funded project in the European Commission's 2021 Biodiversa+ Call on "Supporting the protection of biodiversity and ecosystems across land and sea" (17% success rate). The project is titled "Just Conservation: Bridging Values for equitable Biodiversity Conservation". 1 Apr 2023 – 31 Mar 2026. CHF 560,000.

Nov 2022: Main applicant for a grant under the CLOC Eastern Africa Seed Money Grant Call. 1 Jan 2023 – 31 Dec 2023. CHF 17,000.

Jul 2022: Main applicant for an SNSF funded project in the European Commission's "7th Call of the Southeast Asia-Europe Joint Funding Scheme" on "Climate-resilient integrated farming systems at the interface of research, education, and practice" (17% success rate and the proposal received the highest rating out of 35 proposals evaluated in the "climate change" stream. 1 Mar 2023 – 28 Feb 2026. CHF 250,000.

Jan 2021: Research and development project "Full Circle Initiative" in Madagascar. Philanthropic donor: ALineGmbH. 36 months, 1 Jan 2022 – 31 Dec 2024. Main applicant for a consortium of three partners. CHF 250,000.

Aug 2019: Co-applicant for a Helvetas-led consortium for a project on "Climate resilient cocoa landscapes in Madagascar", financed by SECO. 2 years, 1 April 2020–31 Mar 2022. CHF 55,000.

Jun 2019: SNIS Call for Projects 2019. "Governance processes and sustainability impacts of the extractive industries: Generating transformation knowledge in the biodiversity hotspot of Madagascar". 2 years, 2020–2021. Main applicant for a consortium of four partners (CDE, IHEID-CCDP, IISD, ESSA-Forêts/University of Antananarivo). (8 out of 96 projects funded.) 30 months, 1 May 2020–31 Oct 2022. CHF 251,898.

Mar 2019: Co-applicant for an SNF r4d Synthesis Project "Achieving SDG 15: co-benefits and trade-offs with other SDGs". 33 months, 1 Apr 2019– 31 Dec 2021. CHF 45,000.

Jun 2019: Research and development project "Landscape stewardship for nature and people" in Madagascar. Philanthropic donor: ALineGmbH. 36 months, 1 Oct 2019–31 Dec 2021. Main applicant for a consortium of three partners. CHF 227,311.

May 2019: Initiator Grant from the University of Bern (12 out of 42 applications funded). CHF 22,500.

Mar 2018: SNSF Scientific Exchange, project "Land system regime shifts and their impacts on ecosystem services and human well-being in forest frontier landscapes of Laos, Madagascar, and Myanmar: A comparative analysis". 6-month research visit, Geography Department, University of Cambridge, UK. CHF 18,500.

May 2012: PhD Scholarship from the Centre for Development and Environment of the University of Bern (2 out of 10 applications funded). CHF 193,620.

Supervision of junior researchers at graduate and postgraduate level

Since 2022: Supervision of PhDs: 1) C. Diebold (ongoing), 2) P. Latthachack (ongoing), 3) A.C. Maung (ongoing), 4) E. Borasino (ongoing), 5) K. Ydones Diaz (ongoing).

Since 2016: Co-Supervision of PhDs (at the University of Bern): 1) A. Lewis, 2) F. Voélin, 3) P. Thanasack (all ongoing). M. Feurer (2021). O.R. Andriamihaja (2020). J.C. Llopis (2020).

Since 2018: MSc: M. Ackermann, L. Zwysig (ongoing). L. Schmid (2021), S. Steiger (2019). M. Schmid, K. Nydegger, M. Feurer, N. Stenger, C. Diebold (all 2018).

Since 2015: BSc: M. Kammer (2020), J. de Chastonay (2019). R. Aschinger (2017). L. Rüdlinger (2015).

Teaching activities

2023, PhD: IGS North-South Summerschool in Nanyuki, Kenya. Approx.. 2 SWS (5 ECTS).

2022, 2023 MSc: Seminar on “Global Policies on Land” within MSc in Geography. Main responsible. 2 SWS (5 ECTS) during a full term.

2021, 2022, 2023 MSc: Lecture on “Landnutzung als Ursache und Folge globalen Wandels” within MSc Minor in Sustainable development. Two hours of teaching. University of Bern, CH.

2019, 2021, MSc: Supervision and grading of one student group’s seminar paper within MSc Minor in Sustainable Development. Seminar on “Inter- and transdisciplinary research project on sustainable development”. University of Bern, CH.

2020, 2021, MSc: Lecture and exercises on "Grundlagen der Analyse und Steuerung Nachhaltiger Entwicklung". 6 hours of teaching including presentations, field visit, and supervision of group work. University of Bern, CH.

2018, 2019, 2020, 2021, 2022, 2023 BSc: Lecture on “Die ökologische Dimension der Nachhaltigen Entwicklung” within BSc Minor in Sustainable development. Two hours of teaching. University of Bern, CH.

2017, 2019, 2020, 2021 2022, 2023 BSc: Tutorial on “Conservation and Ecosystem services” within BSc Minor in Sustainable development. Two hours of teaching plus correcting and grading of group work output. University of Bern, CH.

2019, MSc: Supervision and grading of four students’ seminar papers within MSc Minor in Sustainable Development. Seminar on “Integrating SD into your main discipline”. University of Bern, CH.

2019, PhD: COUPLED EU-ITN Advanced Training Course. Lecture on “Environmental justice and conservation”. One hour of teaching. Autonomous University of Barcelona, ES.

2016, MSc: Summer School “Integrated Land Use Systems”. Four hours teaching. Albert-Ludwigs-University, Freiburg, DE.

2014, PhD: COST Action Training. Three-day course on “WOCAT technologies and approaches”. University of Bern, CH.

2012, PhD: IGS North-South. Three-day course on “Natural resource management”. University of Bern, CH.

Memberships in panels, boards, etc., and individual scientific reviewing activities

Since 2022: Member of the scientific Expert Panel “Ernährungszukunft Schweiz”.

Jan 2022 – Dec 2023: Co-leader of the “Careoperative” Academic Network of Transformational Leadership in Sustainability Science.

Since 2019: Individual scientific reviewing activities for the following research funding programmes: Fund for Scientific Research, Belgium (2023); European Research Council, Starting Grant (2020); International Science Council. Leading Integrated Research for Agenda 2030 in Africa (2019).

Since 2019: Co-leader of a scientific working group on “Telecoupling Research Towards Sustainable Transformation of Land Systems” within Future Earth’s Global Land Programme (international network; www.glp.earth).

Since 2018: Editorial board member, *Journal of Land, Livelihoods and Food Security* (Publisher: Frontiers).

Individual scientific reviewing activities for the following journals and book publishers: **Since 2023:** Nature Communications. **Since 2020:** Nature Sustainability; One Earth; Regional Environmental Change. **Since 2019:** Biodiversity and Conservation; Frontiers in Ecology and Evolution; Global Environmental Change; Human Ecology; Land Use Science; Routledge; Sustainability Science. **Since 2018:** Environment, Development, and Sustainability; Environmental Management; Frontiers in Sustainable Food Systems; Sustainability. **Since 2017:** Agroforestry Systems; Applied Ecology; Current Opinion in Environmental Sustainability; Land Degradation and Development; Tropicultura. **Since 2016:** Applied Geography; Mountain Research and Development. **Since 2014:** Climate and Development; Forests.

Active memberships in scientific societies

Since 2022: Science for Nature and People Partnership SNAPP (www.snappartnership.net). Member of a Working group on “30x30 Social Impacts”.

Since 2018: Global Land Programme (www.glp.earth)

Since 2015: Society for Conservation Biology (<https://conbio.org/>)

Organization of conferences

2020: Two virtual synthesis workshops with authors of individual paper contributions to a Special Feature in the Journal of People and Nature. 30 Sep and 15 Oct 2020.

2018: Research workshop “Governance in Telecoupled Land Systems”. 19–20 April 2018, University of Bern.

Prizes, awards, fellowships

2019: Prix Schläfli of the Swiss Academy of Sciences for the best PhD thesis in Geosciences: CHF 5,000 plus one participation in an international conference.

2017: COMET, Career Programme, University of Bern.

2010: ETH Medal for outstanding Master’s thesis on “Documentation, Evaluation and Impact Assessment of Sustainable Land Management Technologies on Vegetation Cover in Senegal”.

2010: Award for submitting the best project idea to the Centre Suisse de Recherches Scientifiques (CSRS) in Ivory Coast.

Career breaks

Maternity leave: 5 December 2019 – 25 March 2020

Applications for professorships

2020: University of Bern. Wyss Academy for Nature. Co-Design of Land Systems (Open Rank). Was offered the position.

2019: University of Basel. Global and Regional Land Use Change (Open Rank). Shortlisted.