

Curriculum Vitae

Rebecca Peters

Environmental Systems Analysis
Eberhard Karls University of Tübingen
Schnarrenbergstr. 94-96 / 72076 Tübingen / Germany

+49 (0)7071-29-73481

rebecca.peters@uni-tuebingen.de



Personal Information

Date of Birth: 12.06.1993
Nationality: German
Place of Residence: Tübingen, Germany

Education

Institution	Degree(s) or Diploma(s) obtained:
Eberhard Karls University of Tübingen Tübingen, Germany Since 09/2020	Doctoral Candidate Research topic: <i>Africa goes renewable: Pathways for sustainable renewable energy development</i> <ul style="list-style-type: none"> Quantification of impacts on hydropower electricity production from and performance under future scenarios Spatially explicit impact assessment for sustainable hydropower planning Potential for wind and solar power to reduce the hydropower induced dam-pressure on African rivers Potential for hybrid options
Eberhard Karls University of Tübingen Tübingen, Germany 04/2017 – 03/2020	M. Sc. Geoecology (1,2) M. Sc. Dissertation: <i>Supporting Sustainable Hydropower Plant Site and Size Selection in the Vjosa Catchment (Balkan Region) – Evaluation of planned hydropower projects under selected socioeconomic, ecological, and political indicators for improving sustainable decision-making processes (1,0)</i> Winner of the sustainability award for theses of the University of Tübingen 2020 Extracurricular Optional Studies: <ul style="list-style-type: none"> Certificate Permaculture and Transformation Design (2020) Certificate Business and Administration (2019) Certificate Studium Oecologicum – Sustainable Development Studies (2019)
Eberhard Karls University of Tübingen Tübingen, Germany 10/2013 – 03/2017	B. Sc. Geoecology (2,0) B. Sc. Dissertation: <i>Herbivorous Damage along a Climate Gradient in Chile (1,7)</i>
Universidad de los Andes Bogotá, Colombia 07/2015 – 12/2015	Exchange Semester in Bogotá, Colombia
Bischöfliches Pius-Gymnasium Aachen, Germany 08/2003 – 07/2011	Acquisition of the general university entrance qualification (1,8)

Publications

- Peters, R., Berlekamp, J., Tockner, K. & Zarfl, C. (2023). RePP Africa – a georeferenced and curated database on existing and proposed wind, solar, and hydropower plants. *Sci Data* 10, 16 (2023).
- Peters, R., Berlekamp, J., Lucía, A., Stefani, V., Tockner, K., & Zarfl, C. (2021). Integrated Impact Assessment for Sustainable Hydropower Planning in the Vjosa Catchment (Greece, Albania). *Sustainability*, 13(3), 1514.

Language skills

- German (mother tongue), English (fluent), Spanish (fluent), French (basic)

Programming skills

- R, Python, Geospatial modelling and map making (ArcGIS and QGIS)

Practical experience

Date	Organization and Location	Position	Description
09/2020 – ongoing	Environmental Systems Analysis Work Group, Geo and Environmental Research Centre, University of Tübingen, Germany	Research assistant, Doctoral candidate	<ul style="list-style-type: none"> Research topic: Africa goes renewable: Pathways for sustainable renewable energy development Teaching for Geocology, Geoscience, and Environmental Science students: Systems Analysis, Bachelor course; Geographic Information System (GIS), Master course Supervision of Bachelor and Master theses
10/2019 – ongoing	Freelance and for FAKT Consult for Management, Training and Technologies, Stuttgart, Germany	Consultant	<p>More than 20 consultancy missions for different development cooperation organizations (AGIAMONDO, Brot für die Welt (BfdW), Gesellschaft für internationale Zusammenarbeit (GIZ), MISEREOR, Welthungerhilfe)</p> <p>Key qualifications:</p> <ul style="list-style-type: none"> Strong analytical skills and experience in the use of quantitative and qualitative methods in the field of data collection, data analysis, map making, evaluation and report writing in the fields of rural development, climate adaptation and natural resource governance, and water management. Certified PACDR-Trainer (since 11/2022): A participatory assessment tool for climate and disaster risks. Aim: communities can apply their local knowledge in combination with general knowledge related to disasters and climate change in a way that suits their specific needs and situation. Team Work and Intercultural Skills: Extensive experience in coordinating international, intersectional, and transdisciplinary disciplinary project groups; strong competence in bridging civil society and science
11/2022	Brot für die Welt, Fakt Consult Pietermaritzburg, South Africa	Trainee	Training of trainers PACDR (Participatory Assessment of Climate and Disaster Risks): One-week field training in a community located in the surroundings of Pietermaritzburg.
10/2020 – 12/2022	Entwicklungspädagogisches Informationszentrum, Reutlingen, Germany	Trainer	Development and implementation of workshops on global learning (Climate justice, water, mobility)
05/2019 – 09/2020	Naturpark Schwarzwald Mitte/Nord, Germany	Expert (M&E)	Project evaluation of "Blühende Naturparke" (special program of the state of Baden-Württemberg to strengthen biodiversity): Botanical mapping and monitoring of different areas in different nature parks of Baden-Württemberg; evaluation and documentation
01/2019 – 12/2022	Dachverband für Entwicklungspolitik Ba-Wü, Stuttgart, Germany	Trainer	Implementation of workshops on global learning for schools (value chains, fair trade, and sustainable public procurement)
09/2018 – 01/2019	FAKT Consult for Management, Training and Technologies, Stuttgart, Germany	Intern	<ul style="list-style-type: none"> Quantitative and qualitative social research, desk research Data analysis, impact-oriented evaluation of project reports and scientific publications as well as expert reporting in the fields of natural resource governance, rural development and climate Team assistance and administration management
08/2017 – 09/2017	Jardín Botánico de Bogotá, Colombia	Intern	<ul style="list-style-type: none"> Analysis of the effects of climate variability (El Niño Southern Oscillation) on Colombia and projects related to the botanical garden (desk study and qualitative interviews with project coordinators; field research with food producers in rural areas)
09/2016 – 11/2016	Earth Shape (German-Chilean Research Initiative), University of Tübingen, Research stations in Chile	Research Assistant	<ul style="list-style-type: none"> Quantitative data collection in the research project and presentation of the project design and preliminary results to local stakeholders in Chile
02/2013 – 05/2020	Evangelische Kirche im Rheinland (Ekir), Solingen, Germany	Volunteer Coach	<ul style="list-style-type: none"> Competence analysis and intercultural training, coaching and conflict management of volunteers in peace service (weltwärts) in Latin America (Chile, Argentina, Nicaragua, Paraguay)
09/2012 – 08/2013	Arbeiterwohlfahrt (AWO) Aachen, Germany	Pedagogical Assistant	<ul style="list-style-type: none"> Educational support and daily structuring for pupils Creativity and competence training
08/2011 – 07/2012	NGO Fundación Educere, Santiago der Chile, Chile	Volunteer (weltwärts)	<ul style="list-style-type: none"> Preparation and implementation of workshops and field trips Networking with NGOs, and social organizations Project assistance (administration, coordination)

Specific regional experience

Argentina (12/2011), Bolivia (02/2016), Brazil (02 – 04/2016), Chile (08/2011 – 07/2012, 09 – 12/2016), Colombia (07/2015 – 01/2016, 07 – 09/2016, 12/2016 – 02/2017, 09 – 10/2017), Israel (03/2018), Namibia (05 – 06/2017), Peru (01/2016), South Africa (11/2022)