

Dr. Vanesa Rodríguez Osuna

Bolivian, German residency, H1B US Work Permit



EXPERTISE

- Integrated Land and Water Resources Management
- Economic and Environmental Assessment of Biodiversity and Ecosystem Services
- Climate Change
- Corporate Responsibility for the Environment
- Alternative Markets for Biodiversity and Ecosystem Services
- Environmental Impact Assessment
- International Project Management

EDUCATION AND TRAINING

<i>From</i>	<i>To</i>	<i>Education/Training</i>
2010	2015	Doctorate in Natural Sciences (Dr. rer. nat.) at the University of Leipzig, Germany
2011	2011	Project Manager Specialisation at the Chamber of Industry and Commerce, Germany
2007	2009	Master in Natural Resource Management and Technologies in the Tropics and Subtropics (M.Sc.) at the Cologne University of Applied Sciences, Germany
2006	2006	Specialisations in: <ul style="list-style-type: none">• Foreign Trade Management, National Chamber of Commerce, Bolivia• Environmental Management Systems NB-ISO 14000 and Quality Management Systems NB-ISO 9000, Bolivian Institute of Normalisation and Quality (IBNORCA), Bolivia
1999	2004	Environmental Engineer (Lic. Ing.) at the Bolivian Catholic University, Bolivia
1998	1998	Last high school year at Hutt Valley High School, New Zealand (As an AFS exchange student)

WORKING AND RESEARCH EXPERTISE

<i>From</i>	<i>To</i>	<i>Working, Field and Expertise</i>
Apr 16	Apr 18	Senior Research Associate & Project manager at Environmental Sciences Initiative, CUNY Advanced Science Research Center Focus: to develop robust methodology for measuring social/ecological impacts of global equities associated with water; lead research approaches to quantify corporate-specific impacts on global water resources; oversee project outcomes and reporting; lead project outreach and collaboration efforts with research sponsor (UBS Sustainable Equities/Asset Management) and collaborating partners (Harvard University).
Jul 15	Nov 17	Lead Author for the regional assessment of biodiversity and ecosystem services for the Americas continent of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)/UNEP
Apr 13	Apr 16	Senior Researcher and Project Manager at Center for Development Research (ZEF), University of Bonn Focus: biodiversity and ecosystem service assessments, climate change, environmental policy, environmental impact assessments, policy-science interface

Curriculum Vitae: Dr. Vanesa Rodríguez Osuna

May14	Aug 15	Senior Researcher at the Cologne University of Applied Sciences within the INTECRAL project Focus: assessment of the potential to obtain carbon credits by the implementation of agricultural activities carried by the Rio Rural Programme in the state of Rio de Janeiro
Jan 15	Apr 15	Independent contractor at Conservation Strategy Fund (CSF-Brazil) Focus: cost-effectiveness studies of the market for Legal Reserves Environmental Quotes (CRA) in the Bahia State, Brazil
Aug 14	Oct 14	One of the experts responsible for the scoping of regional and sub-regional assessments on biodiversity and ecosystem services for the American Continent, IPBES Secretariat/UNEP, UNESCO, Paris Focus: science-policy interface in biodiversity and ecosystem services
Feb 14	Apr 14	Independent Consultant, RARE, USA Focus: statistical analyses on national, local and regional Payment for Watershed Service schemes (PWS) at 30 sites across six project countries in Latin America, identification of success factors and constraints in PWS
Sep 12	Mar 13	Research Fellow at ZEF, University of Bonn
Aug 09	Aug 12	Project Assistant at Sequa gGmbH, the development agency of the four major German business associations and the GIZ. Focus: Project Management within the EU Division (supporting economic development programmes and trade exchange projects between EU and other regions, including support in project proposals, coaching, backstopping, and benchmarking of several programmes with the European Commission.
Mar 09	Jul 09	Research Fellow at Amazon Initiative International Consortium Focus: vulnerability assessments of different small-scale sectors to climate change, livelihood assessments, Brazilian Amazon
Oct 08	Feb 09	Project Assistant at Sequa gGmbH within the EU Division
Feb 06	Apr 07	Natural Resource Management/ Alternative Markets/Trade expert German Development Agency (GTZ today GIZ)/ National Service of Protected Areas: Management of Nature Preserves and Buffer Zones (MAPZA Programme), Bolivia Responsible for developing the national technical strategy and performing export of key biodiversity products (e.g. enabling first historical export of Bolivian vicugna fiber) as well as market studies, determination of commercialisation channels, cost-benefit and feasibility analyses for motacú oil, wild cocoa, derivatives of alligator, and capibara. This resulted in achieving significant improvement in the local income of indigenous populations from the sustainable use of non-wood forest products and derivatives of fauna.

GRANTS/SCHOLARSHIPS/NOMINATIONS

- Nominated as national expert in the regional IPBES assessment of biodiversity and ecosystem services for the American continent. Ministry of Foreign Affairs, 2015, La Paz, Bolivia
- Scholarship from the Federal Ministry of Education and Research Germany (BMBF)/ IPSWAT. 2010–2013. PhD Study in Water Technologies. Germany
- Award: “Excellent and Outstanding Master Thesis“. VDI Price 2010 (Association of German Engineers), submitted by the University of Applied Sciences of Cologne. Germany
- Scholarship from the Federal Ministry for Economic Cooperation and Development (BMZ)/German Academic Exchange Service (DAAD). 2007–2009. M.Sc. Degree. Germany
- Gained contest FH Cologne – ITT. 2009. Best Semester Project Presentation & Dissertation
- Scholarship Conservation Strategy Fund (CSF)/USAID. 2006. Training in Economic Tools for Conservation and Natural Resource Management. Bolivia

SELECTED PUBLICATIONS

Rodríguez Osuna V. (2015). *Targeting watershed protection in the Guapiaçu-Macacu region of the Atlantic Forest, Brazil: An environmental and economic assessment of the potential for a payment for ecosystem services scheme*. Kölner Schriften zur Ingenieur- und Naturwissenschaftlichen Forschung. Band 1/2015, Cologne, Germany

Rodríguez Osuna V., Börner J., Nehren U., Prado R.B., Gaese H., Heinrich J. (2014). *Priority areas for watershed service conservation in the Guapi-Macacu region of Rio de Janeiro, Atlantic Forest, Brazil*. Ecological Processes, 3:16

Rodríguez Osuna V., Börner J., Cunha M. (2014). *Small-scale producers, risk and climate change in an Amazonian Municipality*. Chapter 9. In: Lac, S. and McHenry, M.P. (eds.) (2014). *Climate Change and Forest Ecosystems*. Nova Publishers Inc., New York. USA

Rodríguez Osuna V., Börner J., Cunha M. (2014). *Scoping adaption needs for smallholders in the Brazilian Amazon: a municipal level case study*. Change and Adaptation in Socio-Ecological Systems, 1(1):12-25

Rodríguez Osuna V. (2014). Initial desk analysis on key socio-economic and perception data for the country datasets of six countries: Mexico, Costa Rica, Bolivia, Ecuador, Colombia and Peru with different Payment for Watershed Services schemes including reciprocal agreements for watershed services. Final Report. RARE and Fundación Natura, Lima, Peru

Rodríguez Osuna V. (2006). National technical strategy to enable the first export of Bolivian Vicugna fiber coming from sustainable management in protected areas supporting the National Committee for the Commercialisation of Bolivian Vicugna Fiber-ACOFIV. Final Report. GTZ-GFA/SERNAP, La Paz, Bolivia

SPECIFIC PROJECT EXPERIENCE

- 2016-2018 **UBS Sustainable Equities /Asset Management (sponsor) in cooperation with CUNY Advanced Science Research Center and Harvard University**, Determining Measurement Methodologies for Water Impacts of Global Equities, Senior Research Associate & Project Manager
- 2015-2018 **German Federal Ministry for Economic Cooperation and Development (BMZ)/German Academic Exchange Service (DAAD)**, Greening environmental impact assessments in Bolivia, Senior Researcher & Project Manager
- 2015 **Conservation Strategy Fund (CSF-Brazil)**, Conservação da biodiversidade através da integração de serviços ecossistêmicos em políticas públicas e na atuação empresarial – TEEB Regional-Local, Senior Consultant
- 2012-2016 **Robert Bosch Stiftung**, Shaping environmental policies for sustainable tropical forest bioeconomies, Senior Researcher & Project Manager
- 2014-2015 **German Federal Ministry of Education and Research (BMBF)/Secretary of Agriculture and Livestock of the Rio de Janeiro State**, Integrated eco-technologies and services for a sustainable Rural Rio de Janeiro (INTECRAL), Senior Researcher
- 2014 **Climate and Development Knowledge Network (CDKN)**, Payments for Watershed Services as a Driver of Climate Compatible Development: What Works and Why, Senior Consultant
- 2010-2013 **BMBF**, Climate change, landscape dynamics, land use and natural resources in the Atlantic Forest of Rio de Janeiro (DINARIO), Research Associate
- 2009 **BMZ**, Small-scale producers' adaptation to climate risk in the Brazilian Amazon: Promoting knowledge-to-action through collaboration in research and technical cooperation, Research Associate
- 2006-2007 **GIZ/National Service of Protected Areas (SERNAP)**, Management of Nature Preserves and Buffer Zones (MAPZA project), Natural Resource Management & Trade Expert

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LANGUAGE SKILLS

Spanish:	Mother tongue
English:	Excellent oral and writing skills
German:	Excellent oral and writing skills
Portuguese:	Excellent oral and writing skills

CONTACT

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