Rodrigo Salcedo Du Bois

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Summary

I am an agricultural and environmental economist actively engaged in applied research for the design and evaluation of public and private projects, programs and policies for sustainable agri-food systems and rural development; ecosystems' conservation, restoration, and sustainable management, focusing on forests, water, and land management; and biodiversity conservation. I have more than 15 years of professional experience, with extensive knowledge of project design and evaluation, non-market economic valuation, statistics, econometrics, management and analysis of geographically explicit information, and survey design and data analysis.

Fields of interest

Sustainable agri-food systems, natural resource and environmental economics, climate change effects adaptation and mitigation, rural development, agricultural value chain assessment and development, agricultural economics, regenerative agriculture, agroforestry systems, regenerative agriculture, development economics, environmental and climate finances, poverty, social inclusion, forest conservation and sustainable management, water management, impact evaluation, project design, geographic information systems, sampling design, survey design, behavioral economics, applied microeconometrics.

Nationality

German and Peruvian

Education

Ph.D. in Agricultural, Environmental and Regional Economics & Demography (Dual Title) — May 2014
The Pennsylvania State University
Department of Agricultural Economics
Dissertation title: Groundwater Games: Users' Behavior in Common-Pool Resource Economic Laboratory and Field Experiments

Diploma in Applied Statistics — May 2005
Pontificia Universidad Católica del Perú, Lima-Perú

Professional License in Economics — Mar 2019
Universidad del Pacífico, Lima-Perú
Essay: Green Bonds: challenges and opportunities for Peru.

B.Sc. in Economics — Dec 2002
Universidad del Pacífico, Lima-Perú
Bachelor's Research Study: Market Power Abuse and Price Setting in the Paddy Rice Market in Peru: The Case of the Bajo Piura and Chancay-Lambayeque River Basins

Professional Experience *(field)*

Non-teaching positions

The World Bank *(Policy design/Climate change, deforestation, and forest valuation)* — May 2024 – present, 2 months
Consultant - Analysis of the tax and budgeting system of Peru and its potential effects on deforestation
The study aims at the identification of potential fiscal tools, with a focus on taxes and subsidies, that are leading to an increase of deforestation in the Amazon region in Peru. It also proposes new fiscal policy tools that could be implemented to promote forest conservation and restoration. The results of the study will be included in Peru's Public Finance Review (PFR).

Food and Agriculture Organization of the United Nations – Investment Centre *(Sustainable agrifood systems, ecosystems management)* — May 2024 – present, 3 months
Consultant - Assessment of existing practical tools used to value ecosystems services in agriculture interventions during project design of investment projects
Propose a conceptual framework for the study including:
- Ecosystem services general framework and its links to the practices
- Describe ecosystem services to be the focus of this study.
- Initial set of criteria to evaluate the tools under a project design lens.

Provide technical inputs for the internal CFI workshops to inform the assessment framework.

International Fund for Agricultura Development – IFAD *(Project and Program Design/Agrifood systems)* — Jan 2022 – present, 2 years, 8 months
Project Design Coordinator – Improved Commercialization of Agricultural Products (MERCAGRO)
- Coordination of the design of the new project that will be implemented in Peru funded by IFAD and implemented by the Ministry of Agriculture.
- Development of the Theory of Change and project components design.
- Development of the Concept Note and Project Document.
- Coordination with the counterparts of the Peruvian Government.
- Annual review of the Country Strategic Opportunity Program (COSOP), 2023-2024.

GAF AG *(Geospatial and survey data management and analysis, survey design)* — Feb 2024 – May 2024, 3 months
Consultant – Project design for GeoGLAM Country Level Crop Mapping
- Provide technical support to the proposal design and implementation.
- Lead the coordination with the design team members.

OXFAM International *(Data management/Climate change, deforestation, and forest valuation)* — Jan 2024 – Feb 2024, 2 months
Consultant – Geospatial Analysis and estimations of deforestation in the Peruvian Amazon

- Organize and analyze geospatial and household/agricultural survey data.
- Estimate and identify trends in deforestation for agricultural commodities in farms in the Peruvian Amazon, focusing in EUDR-targeted crops (Coffee and Cocoa).
- Propose different scenarios linked to current environmental standards and land tenure.

Grupo de Análisis para el Desarrollo – GRADE *(Sustainable agrifood systems, ecosystems management)* — Jun 2022 – Dec 2023, 1 year, 5 months
Senior Specialist on Sustainable Agriculture and Environmental Economics
Regenerative Agribusinesses and Investment with a Gender Lens: Regeneration for Building Back in the Amazon and the Dry Corridor in LAC

- Technical assistance on the development of tools for the identification and promotion of regenerative agriculture in the Amazon and the Central American Dry Corridor.
- Identify the processes developed by regenerative agricultural businesses and their bottlenecks.
- Define a typology of regenerative agribusinesses, designing, and carrying out fieldwork to collect information, and developing an analysis of the processes implemented by regenerative agribusinesses. AVINA, CATIE and other regional partners also participate in the project.

Global Green Growth Institute (GGGI) *(Project and Program Design/Forest conservation and valuation)* — Jul 2023 – Nov 2023, 5 months
Consultant - Specialist on the improvement of the Peruvian forestry program for agroforestry

- Technical assistance to the National Forest Service of Peru (SERFOR)
- Review and optimization of the processes of the results-based budget program.
- Improve the delivery of land use rights for the installation of agroforestry systems.

Food and Agriculture Organization of the United Nations *(Project and Program Design/Biodiversity)* — Jan 2023 – Feb 2023, 2 months
Senior Consultant, design of IKI project

- Provided technical assistance on the design of a proposal for an IKI project.
- The project aims to enable suitable conditions to implement biodiversity and climate positive incentive systems in Colombia, Ecuador and Peru.
- FAO, CARE and IUCN were members of the coalition.

United States Agency for International Development – USAID *(Project and Program Design/Forest conservation and valuation)* — Apr 2022 – Dec 2022, 8 months
Pro-Bosques Project
Senior Consultant, development of operational models of the Sustainable Forest Management Budget-for-Results Program

- Technical Assistance to the National Forest Service (SERFOR) of Peru.
- Design of operational model, including processes, identification of inputs and budgeting criteria of the Forest Control component of the results-based "Competitive and sustainable forest resources management" budgeting program (PP0130).

International Food Policy Research Institute (IFPRI) - Development Strategy and Governance Division
Food and Agriculture Organization of the United Nations (FAO) – Investment Centre *(Human capital in agriculture)* — Apr 2022- Nov 2022, 7 months
Collaborator.

- Developed and Co-authored the toolkit "How to invest in farmers? A guide for agriculture human capital investment projects"
- Link to document: https://www.fao.org/documents/card/en/c/cc4381en

United Nations Development Program *(Project and Program Design/Forest conservation and valuation)* — Mar 2022 – Aug 2022, 5 months
Senior Consultant, development of Theory of Change of the Sustainable Forest Management Budget-for-Results Program

- Technical Assistance to the National Forest Service (SERFOR) of Peru.
- Design of the evidence-based Theory of Change of the results-based "Competitive and sustainable forest resources management" budgeting program (PP0130).

The World Bank – Poverty and Equity Global Practice *(Data management/Climate change, deforestation, and forest valuation)* — Jan 2022 – Jul 2022, 6 months
Short term consultant – Distributive Effects of Climate Change in Ghana

- Technical assistance in the analysis of the potential effects of climate change on poverty and inequality.
- The analysis is performed using microsimulations of distributional effects at the micro level, based on household surveys and the results of a Computable General Equilibrium model developed at the macro level for the Ghanaian economy.
- The report was included in the Climate and Development Country Report (CCDR) of Ghana. https://openknowledge.worldbank.org/bitstreams/9c9764c1-076d-5dcc-8339-

United Nations Development Program *(Project and Program Design/Agrifood systems)* — Nov 2021 – Jan 2022, 3 months
Senior Consultant, development of Theory of Change of the "Agricultural Innovation to Improve Smallholders' Market Access" Budget-for-Results Program

- Technical Assistance to the Ministry of Agricultural Development and Irrigation (MIDAGRI).
- Design of the evidence-based Theory of Change of the results-based "Agricultural Innovation to Improve Smallholders' Market Access" budgeting program (PP0121).

PROFONANPE *(Climate change, deforestation, and forest valuation)* — Oct 2021 – Nov 2021 (2 months)
Consultant on Environmental Finance
Building Resilience of Wetlands in the Province of Datem del Marañón, Peru (FVC-funded project)

- Provide advice on funding sources for peatland conservation in the Amazon.
- Identifying ecosystem services provided by peatlands suitable for conservation funding.
- Identify the needs of bio-business developed and match them with funding sources.

Food and Agriculture Organization of the United Nations (FAO) *(Sustainable agrifood systems, ecosystems management)* — May 2021 – Aug 2021 (3 months)
Senior Consultant. Environmental Analysis for Sustainable Food Systems - Rapid Assessment in Peru

- Systemic approach with a focus on the environmental dimension.
- Analysis of the environmental effects and drivers of the sustainability of the food system, including GHG emissions from agriculture and LULUC, biodiversity loss, soil degradation and waste management.
- Interviews and consultation with stakeholders.
- Proposal of evidence-based interventions that would promote sustainable food systems.
- Publication: https://www.fao.org/3/cc2239es/cc2239es.pdf

TYPSA International *(Data management/Sustainable agrifood systems, ecosystems management)* — Dec 2020 – Aug 2021 (9 months)
Senior Consultant. Specialist in Financing Mechanisms for Integrated Water Resources Management Investment Programs and Projects in the Mayo and Mantaro river basins in Peru

- Economic Valuation of water for agricultural, domestic and energy use.
- Cost-Benefit analysis of Integrated Water Resources Management Plan.
- Methods: Estimation of value of marginal productivity of irrigated and non-irrigated land using stochastic frontier models, estimation of avoided cost due to access to safe water using multinomial models; estimation of benefits of hydropower.
- Sources of information used: National Agricultural Survey (ENA), the National Health and Demographic survey (ENDES), National Population Census, geographic information of irrigation sectors boundaries and infrastructure provided by the National Water Authority of Peru, among others.
- Document Mayo: https://crhc.ana.gob.pe/mayo/sites/default/files/archivos/anexo%20405.pdf.pdf
- Document Mantaro: https://cdn.www.gob.pe/uploads/document/file/3703489/ANEXO%200265.pdf.pdf?v=1664377230

Derecho, Ambiente y Recursos Naturales (DAR) *(Climate change, deforestation, and forest valuation)* — Mar 2021 – May 2021 (3 months)
Senior consultant. Technical support on carbon pricing

- Technical assistance to the Directorate General of Climate Change and Desertification of the Ministry of the Environment.
- Proposal of a Law on Carbon Tax.
- Analysis on implementation of a carbon tax on fuels in Peru.
- Design of a financial mechanism for government programs and projects aiming at CO2 emission reduction due to avoided deforestation, reforestation, and renewable energy use.

GIZ *(Climate change, deforestation, and forest valuation)* — Feb 2021 – Apr 2021 (3 months)
Senior Consultant. Concept Document of the Forest National Account

- Technical assistance to the National Forest Service (SERFOR) and the National Institute of Statistics (INEI) of Peru.
- Technical document of the National Forest Environmental and Economic Account using the System of Environmental and Economic Accounting (SCEE).
- Link to document:
- https://seea.un.org/content/cuenta-de-bosques-del-per%C3%BA-documento-metodol%C3%B3gico

United States Agency for International Development – USAID *(Project and Program Design)* — Apr 2020 – Dec 2020 (9 months)
Pro-Bosques Project
Consultant – Concept Paper for the Control Module (CM) of the Forest and Wildlife Information System (FWIS)

- Technical assistance to the National Forest Service (SERFOR).
- Conceptual design of the sustainable management forest information system (Control Module of the National Forest and Wildlife Information System - SNIFFS).
- Benchmarking through literature review and international experiences, actor maps, identification of information gaps and design of the business model of the control module.

Derecho Ambiente y Recursos Naturales (DAR) and GIZ *(Climate change, deforestation, and forest valuation)* — Aug 2020 – Dec 2020 — 5 months
Consultant, Lead Expert on Drivers of Deforestation and Forest Degradation

- Technical assistance to the Directorate General of Climate Change and Desertification of the Ministry of the Environment.
- Leader of a multidisciplinary team with geographers and political scientists
- Review of available evidence on drivers of deforestation of Peru.
- National commitment for the Joint Declaration of Intention between Peru, Norway and Germany on "Cooperation on reducing greenhouse gas emissions from deforestation and forest degradation (REDD+) and promote sustainable development in Peru.

International Food Policy Research Institute (IFPRI) - Development Strategy and Governance Division
Food and Agriculture Organization (FAO) – Investment Centre *(Human capital in agriculture)* — Jul 2020 – Dec 2020 — 6 months
Collaborator. Team leader of the Agricultural Human Capital Investment (AHCI) Project

- Team leader for the Peruvian case.
- Analysis of the implementation and results of the Haku Wiñay Program, which promotes access to markets for subsistence rural households.
- Document "Investing in low-income rural farming households with community-based promoters and projects for market access".

The World Bank *(Poverty analysis, household survey design)* — Apr 2020 – Dec 2020 — 8 months
Consultant, Poverty Global Practice

- Technical assistance on the analysis of potential effects of COVID-19 pandemics on poverty and inequality in Romania.
- Information sources: Rapid Assessment Survey (five rounds) and Household Budget Survey of 2018 of Romania.

Fondo de Cooperación para el Desarrollo Social (FONCODES) *(Project and Program Design)* — Apr 2020 – Jul 2020 — 3 months
Senior Consultant. Proposal of adaptation of Haku Wiñay in a COVID-19 pandemic context

- Identification of sanitary risk areas and their link between food value chains and poverty.
- Proposal of new conceptual framework for Haku Wiñay that includes investments on irrigation and natural infrastructure.

Ministry of Development and Social Inclusion (MIDIS) *(Public sector)* — Apr 2019 – Mar 2020 — 11 months
Directorate General of Policy and Strategies (DGPE)
Director General

- Design and coordination of the implementation of the National Development and Social Inclusion Policy.
- 114 people located in Lima and in the 24 regions of Peru under my supervision.
- Plan for Small-scale Mining and Artisanal Mining.
- Analysis of economic and social gaps in the mining corridor of Abancay and Cusco.
- National Policy for Financial Inclusion, National Plan for Financial Inclusion and the National Plan for Competitiveness.
- Implementation of Territorial Management Strategy of Infant Development.
- Implementation of the monetary incentive "Performance Stimulus Fund" (FED) for the years 2019 and 2020 with Regional Governments.

Atipay Innovación para la Gestión *(Project and Program Design)* — Mar 2019 - Apr 2019 — 1 month
Consultant. Identification of social interventions and actors in the influential zone of the Amazon Waterway for the Ministry of Transport and Communications

- Identification and mapping of economic and social interventions implemented by all public institutions in the influence area of the Amazon Waterway.
- Document used by the Ministry of Transport as a baseline for the negotiations with local actors (indigenous communities, small farmers, local governments, and others) in the process of development of the Amazon Waterway.

Helvetas – Swiss Development Organization *(Managerial public sector)* — Feb 2019 – Mar 2019 — 2 months
Consultant on the design of the National Competitiveness and Productivity System for the Ministry of Economics and Finance (MEF)

- Technical assistance to the Ministry of Economics and Finance.
- Design of the National Competitiveness and Productivity System regarding environmental sustainability.
- Coordination with Governmental and Non-Governmental institutions.

Biodiversity International *(Climate change, deforestation, and forest valuation)* — Dec 2018 – Jan 2019 — 2 months
Consultant for the Analysis of the economic, social and environmental benefits of restoration initiatives in Peru

- Leader of a multidisciplinary team of biologists and sociologists.
- Analysis of the economic, social and environmental benefits of several forest restoration initiatives in Peru.

GAF AG *(Geospatial and survey data management and analysis, survey design)* — Jun 2016 – Dec 2018 (2 years and 4 months)

Agricultural Statistics Specialist

- Support to the Ministry of Agriculture.
- Key component of the Integrated financial management of climate risks in the agricultural sector (CAT) implemented by GIZ.
- Design of new methods of data collection, management and diffusion of agricultural statistics, aiming at the improvement of the information used by providers of the agricultural insurance in Peru.
- Leader of the Peruvian team composed by statisticians, IT engineers and geographers.
- Methods: Probabilistic and non-probabilistic methods using surveys, satellite images, geographical information, and administrative records.
- Proposed the implementation of an information system based on information from surveys, administrative records, and satellite images.
- Capacity building to staff of the Ministry of Agriculture and National Agrarian University.

The World Bank – Washington DC *(Poverty analysis, household survey design)* — May 2018 – Jun 2018 (2 months)

Consultant, Poverty Global Practice

- Technical assistance on the analysis of the potential effects on poverty and inequality of macroeconomic policies implemented in Argentina.
- Microsimulation of the distributive effects at the micro level, based on a Computable General Equilibrium model developed at the macro level.

Inter-American Development Bank *(Project and Program Design)* — Feb 2018 – Jul 2018 (6 months)

Consultant for multi-sector and multi-actor coordination for the implementation of the Joint Declaration of Intention (JDI) between Peru, Norway and Germany

- Technical assistance to the National Forest Conservation Program.
- Leader of a multidisciplinary team.
- Design of the Implementation Plan of Phase II of the Joint Declaration of Intent (JDI) between Perú, Norway and Germany, to reduce GHG emissions from deforestation and forest degradation (REDD+) and promote sustainable development in Peru.
- Coordination and articulation of all the initiatives for forest conservation and deforestation reduction across all the relevant sectors of the Peruvian government.
- Identification of business models of land titling and forest zoning services with details about the processes implemented at the national, regional and local level.

GFA Consulting *(Project and Program Design)* — Oct 2017 – Nov 2017 (1 month)

Consultant for the formulation of the pre-investment studies of three projects of the Forestry Investment Plan (FIP) for the National Forest Conservation Program

- Technical assistance to the National Forest Conservation Program on the design of the implementation plan of Phase II of the Joint Declaration of Intent (JDI) between Perú, Norway and Germany, to reduce GHG emissions from deforestation and forest degradation (REDD+) and promote sustainable development in Peru.
- Leader of a multidisciplinary team.
- Identification of the most effective interventions for deforestation reduction, based on scientific evidence.

Ministry of Environment – Peru *(Climate change, deforestation, and forest valuation)* — Aug 2017 – Oct 2017 (3 months)

National Program of Forest Conservation and Climate Change

Consultant - Technical Assistance to National, Regional and Local Institutions on the Implementation of Management and Monitoring Tools for the Development of the Intervention Plan of the National Forest Conservation Program

- Technical assistance to the National Forest Conservation Program on the design of the implementation plan of Phase II of the Joint Declaration of Intent (JDI) between Perú, Norway and Germany, to reduce GHG emissions from deforestation and forest degradation (REDD+) and promote sustainable development in Peru.
- Leader of a multidisciplinary team.
- Identification and design of a causal model and a theory of change for deforestation reduction.

Ministry of Education *(Managerial public sector)* — Nov 2016 – Feb 2017 (3 months)

Directorate of Development and Quality Assurance Policies for University Higher Education (DIPODA)

Director

- Design and implementation of the policies, plans, programs, projects and normative documents to promote the development and quality assurance of university higher education.
- 32 people under my supervision.
- Design of technical tools for the internationalization of universities and improvement of curricula relevance and teacher development.
- Implementation of the interconnected information system for the quality assurance of university higher education.

Food and Agriculture Organization of the United Nations *(Project and Program Design)* — Dec 2015 – Jul 2016
Consultant, Investment Center Division — 6 months

- Technical economic support to the World Bank's Environment and Natural Resources Global Practice.
- Analysis of forest villagers in Turkey.
- Survey design to assess forest dependence, poverty, and migration.
- Forest Policy Note for the Government of Turkey,

The World Bank – Washington DC *(Climate change, deforestation, and forest valuation)* — Sep 2015 – Dec 2015
Consultant, Water Global Practice — 4months

- Analysis of the effects of water stress on economic growth and poverty in the countries of the South Asia Region.
- "Low Water-High Growth" project.
- CGE models combined with microsimulations with household data.
- Simulation of the benefits of improving the levels of efficiency on the provision of water and the cost of high variability of water provision due to climate change.

The World Bank – Washington DC *(Poverty analysis, household survey design)* — Aug 2014 – Sep 2015
Consultant, Poverty GP — 1 year, 2 months

- Analysis of the effects on income and poverty of subsidies to agricultural water users in Armenia.
- Analysis of the effects on poverty incidence of a major natural disaster in Georgia through simulation (Georgia Country Environmental Assessment).
- Analysis of drivers of poverty in rural Georgia using poverty change microdecompositions.
- Analysis of the effects on poverty and inequality of several fiscal policies in Argentina using microsimulations.
- Collaborator in the development of the Systematic Country Diagnostics (SCD) of Bosnia-Herzegovina, Kosovo and Montenegro.

International Food Policy Research Institute (IFPRI) *(Project and Program Design)* — May 2014 – Aug 2014
Collaborator, Markets, Trade and Institutions Division — 3 months

- Design of an economic incentive used by the Ministry of Finance of Peru to improve the quality of public investment in regional and local governments.

The Pennsylvania State University *(Climate change, deforestation, and forest valuation)* — Aug 2006 – Dec 2012
Assistant researcher, Department of Agricultural Economics — 6 years, 4 months

- Identification of major changes of ecosystem services provided in farms and surrounding forests located at exurban areas in the US (Transitional Zone Project) using farm-household surveys and geographic information. I developed the sampling design and questionnaire of the survey.
- Identification of behavioral types and drivers of behavior in groundwater use among farmers in Aguascalientes-Mexico using artefactual field experiments.
- Analysis of land ownership and lease distribution in the area of the Marcellus Gas Shale in the US.

The Pennsylvania State University *(Geospatial and survey data management and analysis, survey design)* — Aug 2008 – Jul 2010
Population Research Institute
Assistant Researcher, Geographic Information Analysis (GIA) Core — 1 year

- Generation, management, and analysis of geo-referenced (vector and raster) data used for several projects of the GIA Core.

Assisstant Researcher, Grupo de Análisis para el Desarrollo (GRADE) – Peru *(Sustainable agrifood systems, ecosystems management)* — Mar 2004 – Jul 2006 — 2 years, 4 months

- Impact evaluation of the Peruvian Land Titling Program (PETT).
- Impact evaluation of the Sub-sectorial Irrigation Program (PSI).
- Sampling design, including the collection and correction of the cadastre data (PETT) and the farm list data (PSI) used as sampling frame, selection of parcels and farms, and the design of the survey questionnaire, as well as training of its application.
- Analysis of situation and challenges of small commercial farmers in Peru.
- Analysis of the impact of the free trade agreement on the cotton and sugar markets.

National Institute of Agricultural Research – Peru *(Project and Program Design)* — May 2003 – Mar 2004
Office of Project Evaluation
Project Analyst — 10 months

- Evaluation of basic research projects, including the development of several hybrid seeds of Maize and Rice.
- Sample design to gather the information for the assessment of the benefits of the new released crop varieties.

Ministry of Agriculture – Peru *(Project and Program Design)* — Jan 2002 – May 2003
Project Analyst and Instructor, National Office of Agricultural Planning — 1 year, 3 months

- Socio-economic evaluations of several public investment projects, including irrigation, reforestation and technology transfer projects, as well as training on the procedures of the National System of Public Investment (SNIP).

Teaching positions

John Cabot University — May 2024 – present (3 months)
Economics Department
Adjunct Faculty
Instructor of the courses EC-201 "Principles of Microeconomics" and EC-380 "Environmental Economics".

Universidad del Pacifico – Lima, Peru — Mar 2016 – July 2023 (7 years)
Adjunct Professor
Natural Resources and Environmental Economics Course (Undergraduate)
Economics Academic Department
- Economic tools for the analysis of natural resources and environmental management.
- Ecosystem services, economic valuation, policy evaluation.
- Natural resources economic models.

Universidad de Ingeniería y Tecnología (UTEC) – Lima, Perú — Mar 2022 – Apr 2023 (1 year)
Adjunct Professor
Applied Economics Course (Undergraduate)
Department of Digital Business
- Basic economics concepts and thinking to understand the decision-making process of people and firms.
- Basic macroeconomic processes.

Catholic University of America (CUA) – Washington, D.C. — Aug 2015- Dec 2015 (4 months)
Adjunct Professor
International Trade Course (Undergraduate)
Department of Economics
- Basic concepts of agents' interactions, markets, trade, and institutions.
- Trade economic models

The Pennsylvania State University – University Park, PA — Aug 2012 – Dec 2012 (4 months)
Adjunct Professor
Principles of Community and Economic Development and Leadership Course (Masters)
- Tools for the analysis of territory, natural resources and economic activity

The Pennsylvania State University – University Park, PA — Aug 2011 – Dec 2011 (4 months)
Adjunct Professor
Principles of Community Economic Development Course (Masters)
- Tools for the analysis of territory, natural resources and economic activity

Publications

Refereed journals

Alejandro López-Feldman, Carlos Chávez, María Alejandra Vélez, Hernán Bejarano, Ariaster B. Chimeli, José Féres, Juan Robalino, **Rodrigo Salcedo** & César Viteri (2020), Environmental Impacts and Policy Responses to Covid-19: A View from Latin America, *Environmental and Resource Economics*, https://doi.org/10.1007/s10640-020-00460-x

Swaminathan, H., **R. Salcedo Du Bois** and J.L. Findeis (2010), Impact of Access to Credit on Labor Allocation Patterns in Malawi, *World Development,* 38(4), pp. 555-566, https://doi.org/10.1016/j.worlddev.2009.11.002

Salcedo Du Bois, R. and E. Stiglich, (2004), Abuso de poder de compra y determinación de los precios en el mercado de arroz cascara (El caso de los valles del Bajo Piura y Chancay-Lambayeque). *Debate Agrario: Análisis y alternativas,* Nro. 37, pp. 39-72.

Book chapters

Kathryn Brasier, Jill Findeis, Carmen Hubbard, Lionel Hubbard and **Rodrigo Salcedo Du Bois** (2012), Transition in US and UK Agricultural Structure and Farm Policy. In M. Shucksmith, D. Brown, S. Shortall, M. Warner and J. Vergunst (eds.), Rural Transformations and Rural Policies in the UK and US, New York: Routledge.

Findeis, J.L., K. Brasier, and **R. Salcedo Du Bois** (2010) Demographic change and land use transitions. In S. Goetz and F. Brouwer (eds.), New Perspectives on Agri-environmental Policies: a multidisciplinary and transatlantic approach, New York: Taylor & Francis/Routledge.

Javier Escobal (con la colaboración de **Rodrigo Salcedo Du Bois**) (2006), Cómo elevar la eficiencia y rentabilidad de la pequeña agricultura comercial. En: Trivelli, Carolina; Escobal, Javier; Revesz, Bruno (ed) (2006) Pequeña agricultura comercial: dinámicas y retos en el Perú. Lima: CIES; CIPCA; GRADE; IEP. 269 p. Diagnóstico y propuesta, 24. Libro Pequeña Agricultura Comercial

Novella, R. and **R. Salcedo Du Bois**. (2006), Determinantes de la adopción de tecnologías de producción orgánica: El caso del café. In J. Iguiñiz, J. Escobal and C.I. Degregori (eds.), Perú: El problema Agrario en Debate – SEPIA IX, Lima: SEPIA.

Policy Reports

Salcedo, Rodrigo, Ricardo Mendoza and Suyana Huamaní (2022) *Metaestudio basado en la literatura existente que describe impulsores de deforestación y degradación en la Amazonía Peruana.* Ministerio del Ambiente, Lima-Perú. Link.

IFPRI and FAO (2023), *How to invest in farmers? A guide for agriculture human capital investment projects.* https://doi.org/10.4060/cc4381en

World Bank (2022), *Ghana: Country Climate and Development Report.* https://openknowledge.worldbank.org/server/api/core/bitstreams/9c9764c1-076d-5dcc-8339-6e4f0de2b610/content

FAO (2022), *Perfil de Sistemas Alimentarios: Perú. Catalizar la transformación sostenible en inclusiva de nuestros sistemas alimentarios.* https://www.fao.org/3/cc2239es/cc2239es.pdf

SERFOR (2021), *Cuenta de Bosques del Perú: Documento metodológico,* Lima: SERFOR, https://seea.un.org/content/cuenta-de-bosques-del-per%C3%BA-documento-metodol%C3%B3gico

Salcedo Du Bois, **R.** and Arca Zimmermann, A. 2021. *Investing in rural households through community promoters – The Haku Wiñay/Noa Jayatai Programme in Peru.* Rome, FAO. https://www.fao.org/documents/card/es/c/cb5744en

MINAM, Plan de Implementación de la Fase II, Declaración Conjunta de Intención entre Perú, Noruega y Alemania – DCI, https://www.minam.gob.pe/cambioclimatico/wp-content/uploads/sites/127/2018/10/MINAM-Plan-DCI-FASE-II-16-10-2018-VF.pdf

World Bank Group. 2017. Turkey Forest Policy Note. © World Bank, Washington, DC. http://hdl.handle.net/10986/28564

World Bank (2015), Georgia Country Environmental Analysis: Institutional, Economic, and Poverty Aspects of Georgia's Road to Environmental Sustainability, Report No: ACS13945

World Bank (2015), Rebalancing Bosnia-Herzegovina Systematic Country Diagnosis, Report 101009

World Bank (2016), Montenegro: Achieving Sustainable and Inclusive Growth Amidst High Volatility - Systematic Country Diagnosis, Report No. 105019-ME

World Bank (2017), Republic of Kosovo Systematic Country Diagnosis, Report No. 114618-XK

Zegarra, E., J. Escobal, M. Glave, R. Salcedo Du Bois, L. Rivera, D. Calvelo, J. Gayoso (2005), *Informe Analítico sobre la Encuesta de Línea de Base del Estudio de Impactos Económico y Socio Ambientales del PETT*, Lima: GRADE
Reporte elaborado para el Banco Interamericano de Desarrollo y el Programa Nacional de Titulación de Tierras.

Zegarra, E. and **R. Salcedo Du Bois** (2004), La industria azucarera peruana en el contexto internacional y la posible firma del TLC con los Estados Unidos, Lima: GRADE
Reporte elaborado para el Ministerio de Comercio Internacional y Turismo del Perú

Escobal, J. and **R. Salcedo Du Bois** (2004), La cadena algodón-textil: Desafíos frente al TLC con los Estados Unidos, Lima: GRADE
Reporte elaborado para el Ministerio de Comercio Internacional y Turismo del Perú

Working papers

Salcedo Du Bois, Rodrigo and Álvaro Zárate, Forest dynamics in Amazon Farms: Estimation from Agricultura Surveys.

Salcedo, Rodrigo and Nicolás Valbuena, Economic Valuation of Water Resources in the Mayo River Basin in Peru (Presented in the Society for Benefit-Cost Analysis 2021 Annual Conference)

Salcedo Du Bois, Rodrigo, Miguel Ángel Gutiérrez, Cooperation makes it happen? A groundwater economic artefactual experiment LACEEP Working Paper No. 63.

Salcedo Du Bois, Rodrigo, Dynamic decision making in common-pool resource economic experiments: Behavioral heterogeneity in the field and the lab, LACEEP Working Paper 65.

Sinha, Nistha, Paul Andrés Corral Rodas, **Rodrigo Salcedo Du Bois** and César Cancho, Impact of Structure of Growth and Income on Rural Poverty in Georgia, *South Caucasus Programmatic Poverty Assessment TA FY15-16,* World Bank, 2016.

Lakner, Christoph, **Rodrigo Salcedo Du Bois** and Martha Viveros, Distributional impacts of economic reforms in Argentina: A Top-Down Macro-Micro Framework, World Bank Working Paper, 2016.

Salcedo Du Bois, Rodrigo, James Shortle, Incentives in water pollution management with asymmetric spatial externalities.

Professional Training, Awards, Grants

Massachusetts Institute of Technology (MIT)
MITx
6.00.1x: Introduction to Computer Science and Programming Using Python
January – March 2024.

Latin American and Caribbean Environmental Economics Program (LACEEP)
2011-2013 Research Grant ($15,000)
Project: Cooperation makes it happen? Groundwater management in Aguascalientes: An experimental approach

Latin American and Caribbean Environmental Economics Program (LACEEP)
2013 Short Course, San José, Costa Rica
Advances in Evaluating the Environmental and Social Impacts of Environmental Programs
Instructor: Paul Ferraro

European Association of Environmental and Resource Economists (EAERE), Fondazione Eni Enrico Mattei (FEEM) and Venice International University (VIU)
2012 European Summer School in Resource and Environmental Economics, Venice, Italy
Management of International Waters
Instructors: Ariel Dinar, Erik Ansink, Shlomi Dinar, Ines Dombrowsky, Linda Fernandez
http://www.feem-web.it/ess/ess12/01index.html

The Beijer Institute of Ecological Economics
2012 Pre-conference course EAERE 2012, Prague, Czech Republic
Economics of Environmental Regime Shift
Instructors: Steve Polasky, Oonsie Bigs, Anne-Sophie Crepin, Tasos Xepapadeas

Latin American and Caribbean Environmental Economics Program (LACEEP)
2011 Short Course, Panama City, Panama
Spatial Modeling of Land Markets and Land Use Change
Instructor: Elena Irwin

Center for Spatially Integrated Social Sciences (CSISS) and Penn State University
2009 Advanced Spatial Analysis Workshop
Multilevel Modeling
Instructors: Kelvyn Jones and Subu Subramanian

Center for Spatially Integrated Social Sciences (CSISS) and Penn State University
2008 Advanced Spatial Analysis Workshop
Geographically Weighted Regression (GWR)
Instructors: A. Stewart Fortheringham, Martin Charlton and Chris Brunsdon

Instituto Nacional de Investigación y Tecnología Agraria, Agencia Española de Cooperación Internacional
2003 Training of trainers workshop: "Globalization challenges for the rural world"

Languages and computational skills

Languages	Spanish (Native), English (Fluent), Portuguese (Fair), German (Fair), Italian (Fair)
Computational skills	MS Office: Word, Excel, Power Point, Access Statistics: Stata, R, SPSS GIS: ArcGIS, QGIS, Google Earth Math: MatLab, NetLogo Programming: Python, Visual Basic Publishing: LaTEX, Zotero

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