

EDUCATION**Ph.D. Applied Economics and Management**

Dyson School of Applied Economics and Management, Cornell University, 2015

Fields: Environmental & Development Economics

Bachelor of Economics

Australian National University, 1999

Fields: Resource and Environmental Economics

Bachelor of Commerce

Australian National University, 1998

Field: Finance

SELECTED PAPERS AND PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

1. Recipients' satisfaction with locally procured food aid rations: Comparative evidence from a three-country matched survey, with Violette, W., et al. *World Development*, 2013.
2. Community Markets for Conservation (COMACO) links biodiversity conservation with sustainable improvements in livelihoods and food production. With Lewis, D. et al. *Proceedings of the National Academy of Sciences (PNAS)*, 2011.
3. Private costs for environmental goods provision in a development context: lab and field tests of a novel cost-revealing mechanism, with Streletskaia, N. A., R&R at *Journal of Environmental and Resource Economics*, 2018;
4. Technology adoption under uncertainty: Take-up and subsequent investment in Zambia, with Oliva, P., et al., R&R at *Review of Economics and Statistics (REStat)*, 2018;

WORK IN PROGRESS

5. Urban consumer preferences for nutrient-fortified foods in Zambia: a choice experiment, with N.A. Streletskaia, Kuo, G., Heneghan Kasoma, E.;
6. Tourists' willingness to pay for wildlife increases: the case of South Luangwa National Park of Zambia;
7. Best laid plans: the challenge of contracting in conservation auctions;
8. Consumer demand for solar energy in presence of rent-to-own asset financing;
9. Long-term producer performance on PES contracts with uncertain opportunity costs.

OTHER PUBLICATIONS

1. "CDM Sustainable Energy Programme" Program of Activities, Bell, S., UNFCCC, 2015.
2. "Additionality in developing countries: Optimal contracts for avoided deforestation". With Guiteras, R., Jack, K., Oliva, P. AERE conference paper, 2011;
3. "Advances in Agricultural GHG Measurement & Monitoring: Implications for Policy Makers". Contributor, EcoAgriculture Partners Policy Brief, Issue 6, Dec. 2010.

MANAGEMENT AND ECONOMIST POSITIONSAssistant Professor (Senior Researcher), Oregon State University Sept. 2016 – current

- In addition to research activities, my teaching includes: AEC 434 "Measuring Resource and Environmental Impacts"; AEC 446/546 "Introduction to Econometrics" (2016/17); Developing an undergrad/graduate course in Program Evaluation (current).

Co-founder & Director: VITALITE Zambia (\$5m in finance raised)

2013 – current

- Develop, plan and manage new initiatives in asset-financing in energy and agriculture.
- Responsibilities include finance, business analytics, carbon markets, business development & fundraising.

- Co-founder & Director: Shared Value Africa Limited, Zambia 2011 – current

- Technical consulting and advisory services on forestry, land-use, and energy.
- Economic analysis, impact evaluation and market research consulting.

- Director: VITALITE Senegal, and SEM Fund 2015 – current

- Provide leadership on company strategy, fundraising and project finance for this joint venture.

- Program Manager: Trees on Farms, smallholder farmer agroforestry 2009 – 2012

- Program design and development, training to 30,000 participants over 3 years.

- Research Assistant 2010

- Zambia Local and Regional Food Aid Procurement Pilot Project, Cornell University/USDA

- Research Assistant 2006 - 2011

- USAID Sustainable Agriculture & Natural Resource Management CRSP, Cornell University

CONSULTING AND PROJECT MANAGEMENT

- Advisor and project management: Vuna Program for East and Southern Africa 2016 – current

- Scope and develop project plans in Malawi, Zambia, Zimbabwe.
- Team Lead, Small Grants Project.

- Coordinating & Managing Entity – CDM Sustainable Energy Program 2014 – current

- Design program technical documents and register program in the Clean Development Mechanism.
- Manage program compliance with UNFCCC CDM regulations and applied methodology.
- Source and negotiate carbon finance with off-takers via Emission Reduction Purchase Agreements.

- Lead Consultant – Results Management System design: Vuna Program. 2015

- Manage the RMS team to develop a comprehensive RM system.
- Previously as support author to design report, review & contribute to the Economic Appraisal, Value for Money Appraisal, and Social & Environmental Safeguarding.

- Lead Researcher: Evaluation of Rural Agrodealer Revitalization Project, Zimbabwe, SNV 2015

- Lead the evaluation research design, implementation and analysis.

- Lusaka Integrator: Tetra Tech ARD Limited 2014 – 2015

- Support and advise on the Eastern Province USAID Tenure & Global Climate Change Project.

- Consultant: South Pole Carbon Asset Management AG, Tanzania 2014

- Undertook feasibility study and advised on agroforestry and climate smart agriculture.

- Climate Change & Development Consultant, PROFIT Zambia | USAID 2010 – 2012

- Advise on climate change mitigation & adaptation in forestry, agriculture & energy sectors.
- Identify opportunities and priority investment areas.

SELECTED CONFERENCES AND PRESENTATIONS

- Agricultural & Applied Economics Association Annual Meeting 2018, Washington D.C., paper presentation;
- Northwest Development Workshop, April 2018, OSU planning committee member;
- Centre for Behavioral and Experimental Agri-environmental Research Annual Conference 2017, Shepherdstown WV, paper presentation;
- American Agricultural Economist Association annual meeting 2017, Chicago, IL presenter;
- CGIAR, CCAFS, Feed the Future and USAID Workshop on Metrics for targeting and monitoring climate-smart agriculture (CSA), Paris, France March 2015;
- FAO-MICCA Learning event webinars, speaker and facilitator 2012/2013;
- Africa Carbon Forum 2012 – World Bank workshop on smallholder climate initiatives;
- UNFCCC COP16/CMP6 Cancun, participant and contributor at high-level side events including: Research brief & poster - Agriculture & Rural Development Day (ARDD), Dec. 2010;
- IT'S DOWN 2 EARTH; Global Conference on Agriculture, Food Security and Climate Change; The Hague, Netherlands, November 2010: Presented CDM PoA smallholder reforestation project;

- UNFCCC COP15/CMP5 Copenhagen, Denmark December 2009. Presented in high-level ARDD side event: land-use MRV in 'Ideas Marketplace' session, Dec. 2009;
- Bio-Sequestration and Climate Law and Policy, Columbia Law School, Center for Climate Change Law, Columbia University NYC, 23rd October 2009;
- Creating Sustainability Within Our Midst: Challenge for the 21st Century, 4th Biennial Conference US Society for Ecological Economics, Pace University NYC, 23-27 June 2007.

PROFESSIONAL ACTIVITIES

Reviewer	2014– current
- Journal of the Association of Environmental and Resource Economists; World Development; AAEA abstracts submissions; Masters Theses, University of Cape Town Graduate School of Business, South Africa.	
GSBI accelerator, Miller Center for Social Entrepreneurship, Santa Clara Univ.	2017 - current
- GSBI Social Entrepreneur fellow, VITALITE Zambia. Co-Principle Investigator: Encouraging the adoption of nitrogen fixing trees: A field experiment in Zambia (\$240,000 in research grants)	2011 – 2014
- Randomised controlled trial with 1,300 farmers (co-PIs at Tufts University, UCSB, Harvard).	

PROFESSIONAL ASSOCIATIONS

American Agricultural Economist Association; Association of Environmental and Resource Economists (AERE); FAO-Mitigation of Climate Change in Agriculture Community of Practice; International Association of Agricultural Economists (IAAE); International Society for Ecological Economics (ISEE); Society for International Development (SID Washington).

PROFESSIONAL NETWORKS

USAID; DFID, NORAD; South Pole Carbon; Gold Standard; World Bank (BioCF, Forest Carbon Partnership); Vulcan Capital; GSBI; Innovations in Poverty Action; Princes Rainforest Trust; The Rainforest Alliance; WWF; WCS; Ecoagriculture Partners; Rockefeller Foundation; ICRAF; FAO.