Brent Murray Swallow
Curriculum Vitae, September 2017

Summary:

Brent Swallow is Professor and former Chair of the Department of Resource Economics and Environmental Sociology at the University of Alberta. Dr. Swallow grew up on a Saskatchewan farm and earned his B.S.A. and M.Sc. degrees from the University of Saskatchewan and his PhD from the University of Wisconsin-Madison. His major fields of study at the PhD level were resource economics and development economics; he has continued to study the nexus between agricultural development and environmental management throughout his career. Between 1991 and 2009, Dr. Swallow was a research scientist at the International Livestock Research Institute and a program leader and scientist at the World Agroforestry Centre (ICRAF), both based in Nairobi, Kenya. He led ICRAF's pan-tropical research on policy options and incentives, including payments for environmental services, and from 2007-9 was Global Coordinator of the Alternatives-to-Slash and Burn Partnership for the Tropical Forest Margins. He has research experience from very many developing countries, the United States and Canada.

Since joining the University of Alberta in 2009, Dr. Swallow has continued to conduct research on institutions and markets for REDD+ (Reduced Emissions from Deforestation and forest Degradation) in developing countries. He also conducts research on bio-carbon offsets and land use in Alberta and food security in Africa and Asia. He was Principal Investigator for the 2014 Dialogue on International Food Security at the University of Alberta and co-Principal Investigator for a $5 million research project on food security in agrobiodiversity hotspots in India. He has authored 90 journal articles and book chapters. He is a Trustee of Bioversity International (Rome, Italy), Distinguished Associate of the World Agroforestry Centre (Nairobi, Kenya), and member of the Independent Steering Committee for the CGIAR Water, Land and Ecosystem Program (Columbo, Sri Lanka). He was won best paper awards from the International Water Resources Association and the International Association for the Study of Common Property and in 2015 received the Graduate Student Supervisor Award by the Graduate Student Association of the University of Alberta. He teaches an introductory course in agri-food systems, a third-year course on the Economics of World Food and Agriculture, a fourth-year course in environmental policy, and a specialized graduate course in development economics.

Current Position and Contacts:

Professor
Department of Resource Economics and Environmental Sociology
Faculty of Agricultural, Life and Environmental Sciences
567 General Services Building, University of Alberta
Edmonton, Alberta, Canada, T6G 2H1
Tel: 780-492-6656; Fax: 780-492-0268;
Email: brent.swallow@ualberta.ca; www.rees.ualberta.ca

Education:

Ph.D. Agricultural Economics, University of Wisconsin-Madison, 1991; Majors: Resource Economics, Development Economics; GPA: 3.85/4.00; Thesis: *Common Property Regimes for African Rangeland Resources,* supervised by Prof. D. Bromley.

M.Sc. Agricultural Economics, University of Saskatchewan, 1983; Major: Agricultural Marketing; GPA: 3.7/4.0; Thesis: *Policy Analysis of Canadian/Japanese Trade of Rapeseed and Rapeseed Products,* supervised by Prof. G. Storey.

B.S.A. Agricultural Economics (Honours), University of Saskatchewan, 1981.

Honours and Awards:

Thesis Supervisor of Maria Montenegro, Awardee of Outstanding Masters Thesis Award, Canadian Agricultural Economics Society, 2012. Conferred June 2017, Montreal and Outstanding Masters thesis award, Agricultural and Applied Economics Association, 2017. Conferred August 2017, Chicago.

Graduate Student Supervisor Award. Graduate Student Association, University of Alberta, March 2015.

President's Achievement Award "Dare to Discover" team award for Learning, Discovery and Citizenship. One of 15 members of the ALES Student Engagement Team. Conferred September 2012, University of Alberta.

Thesis Supervisor of David Kaczan, Awardee of Outstanding Masters Thesis Award, Agricultural and Applied Economics Association, 2012. Conferred August 10, 2012, Seattle; and Outstanding Thesis Award, Canadian Agricultural Economics Society, 2012. Conferred June 17, 2012, Niagara Falls.

International Water Resources Association (IWRA) award for the Best Paper published in the IWRA journal, *Water International*, in 2006. Paper entitled "The Challenges of Inclusive Cross-Scale Collective Action in Watersheds" by B. Swallow, N. Johnson, R. Meinzen-Dick, and A. Knox.

International Association for the Study of the Commons (IASC) award for Best Paper presented at the 2008 biannual meeting for the "paper that does the most to improve understanding of linkages between global and local commons." Paper entitled: "Bylaws and Their Critical Role in Natural Resource Management: Insights from African Experience" by H. Markelova and B. Swallow.

Zayed International Prize for the Environment, 2005. Awarded to the Millenium Ecosystem Assessment (contributing author).

Distinguished Visitor in Global Studies, Centre for Global, Regional and International Studies, University of California Santa Cruz, May 2005.

Invited Plenary Speaker at the 91st Indian Science Congress, January 2004.

Employment and Responsibilities:

2009 to present: Professor, Department of Resource Economics and Environmental Sociology, University of Alberta

- ◊ Teaching classes in agri-food systems, environmental policy, economics of world food and agriculture and development economics.
- ◊ Conducting research and supervising graduate students on incentives and institutions for REDD, bio-carbon offsets, food security, and resource use in Canada.

2009 to 2014: Chair, Department of Resource Economics and Environmental Sociology, University of Alberta, Edmonton, Alberta, Canada.

{{This department, formerly called Rural Economy, is the social science unit of the Faculty of Agricultural, Life and Environmental Sciences. The department currently has 19 faculty members, 5 administrative staff, 8 research associates and assistants, and 80-90 graduate students.

- ◊ Providing academic and administrative leadership to the department.
- ◊ Serve as member of the senior leadership team of the Faculty of Agricultural, Life and Environmental Sciences

2007 to 2009: Global Coordinator, <u>ASB Partnership for the Tropical Forest Margins (ASB),</u> World Agroforestry Centre, Nairobi, Kenya

{{ASB is a Systemwide Programme of the Consultative Group on International Agricultural Research that connects international agricultural research centres, national research systems

in the humid tropics of Africa, Latin America and Southeast Asia, and 70 other organizations across the globe.**}}**

- ◊ Providing global leadership for the ASB partnership and specific ASB projects.
- ◊ Preparing and disseminating papers and public awareness materials to summarize ASB results for selected target groups and policy processes (see www.asb.cgiar.org).
- ◊ Managing the 5-person Global Coordination Office in Nairobi.
- ◊ Maintaining excellent working relationships among the ASB global network.

2003 to 2009: Principal Scientist and Theme Leader for Environmental Services, <u>World Agroforestry Centre (ICRAF)</u>, Nairobi, Kenya

{{The World Agroforestry Centre is an inter-governmental organization with a $30 million annual budget working across the tropics to "*use science to generate knowledge about the complex role of trees in agricultural systems and their effects on livelihood and the environment, and foster use of the knowledge to influence dcisions and practices that impact the poor.* **}}**

- ◊ Led ICRAF's global research on policy options and incentives, including land tenure and fiscal incentives for agroforestry, payments for environmental services, and the role of agroforestry in international conventions
- ◊ Led the project on Propoor Rewards for Environmental Services in Africa (see http:\\presa.worldagroforestry.org)
- ◊ Represented ICRAF and agroforestry in environmental policy fora.
- ◊ Managed Environmental Service Theme Coordination Office.

1998 to 2003: Senior Scientist and Leader of Natural Resource Strategies and Policies Programme, World Agroforestry Centre (ICRAF), Nairobi, Kenya

- ◊ Led and managed ICRAF's global research on natural resource and poverty problems, impact assessment and policy.
- ◊ Managed the Programme coordination office in Nairobi, including 5-8 international staff and up to 20 national staff, students and collaborators.
- ◊ Led and contributed to research projects on rural poverty, impact assessment and watershed management, including field research and coordination of distributed and co-located teams.
- ◊ Led ICRAF's ad hoc working group on HIV / AIDS.

1991 to 98: Agricultural Economist
International Livestock Research Institute , Nairobi, Kenya

- ◊ Led a network of researchers and students working on economic assessment and impacts of trypanosomiasis control across Africa (Burkina Faso, Zimbabwe, Kenya, Ethiopia, Zimbabwe).
- ◊ Co-led a group of senior researchers and students working on property rights, risk and livestock development in Niger and Ethiopia.
- ◊ Contributed to conceptualization and methodologies for research prioritization and impact assessment.

1987 to 1991: Research Assistant
University of Wisconsin-Madison, Madison, Wisconsin

- ◊ Prepared paper on Strategies and Tenure in African Livestock Development for the Land Tenure Centre.
- ◊ Prepared bibliography of Gambian agriculture for the Office of International Programs.

1984 to 87: Research Associate, University of Saskatchewan, Saskatoon, Canada and Research Fellow, National University of Lesotho, Lesotho

- ◊ Project Leader for the Agricultural Marketing Research Project, a collaborative project between the National University of Lesotho and the University of Saskatchewan.
- ◊ Supervised 2 technical staff, 2 masters students and up to 6 student assistants.
- ◊ Produced working papers.
- ◊ Taught applied research methods to senior economics students.

1983 to 1984: Research Associate, Department of Agricultural Economics, Virginia Polytechnic Institute and State University, Blacksburg, Virginia

- ◊ Evaluated the fiscal impacts of city annexation of county territory.
- ◊ Assessed the depreciation of agricultural research.

1981 to 1983: Research Assistant, Department of Agricultural Economics, University of Saskatchewan, Saskatoon, Canada.

- ◊ Conducted research on the Canada – Japan trade in canola and canola products.

Appointments:

Member, Executive Committee, General Faculties Council, University of Alberta.

Trustee, Chair of the Program Oversight Task Group, and member of the Executive Committee, Bioversity International, since January 2014.

Member, Independent Steering Committee, CGIAR research program on Water, Land and Ecosystems, since January 2017.

Member, Edmonton Food Council, June 2013-2016.

World Agroforestry Centre, Nairobi, Kenya. Distinguished ICRAF Associate, Since May 2009.

Member, Development Dividend Task Force. Convened by the International Institute for Sustainable Development, Winnipeg, Manitoba, 2005-8.

Contributing Author, Millenium Ecosystem Assessment, 2003-5.

Member, Governing Council for the African Centre for Technology Studies (ACTS), 2001 to present; Chair of the ACTS Programme Committee, 2002-9.

Member, Executive Committee of the CGIAR System Wide Programme on Collective Action and Property Rights (CAPRI), 1998 - 2005.

Coordinator, Advisory Group on Socio-economic and Cultural Implications of Trypanosomiasis, Programme Against African Trypanosomiasis, a Joint Programme Coordinated by FAO, AU-IBAR, WHO,and IAEA, 1997-9.

Consultancies:

2015. Prince Albert Grand Council, Prince Albert, Saskatchewan. Community perspectives on plans for remediation of the Gunnar uranium mine site (Pro bono, with Y. Wang).

2015. International Fund for Agricultural Development (IFAD). Land and Natural Resources in Inclusive Transformation. Chapter for 2016 Rural Development Report (with K. Swallow).

2013. International Food Policy Research Institute (IFPRI). Review of the ways that institutions are integrated into bio-economic models (with K. Swallow).

2012-13. International Water Management Research Institute (IWMI). Review of institutional findings of the Challenge Programme on Water and Food (with N. Johnson and R. Meinzen-Dick).

2011. ARD - Tetra-Tech for USAID. Devolution of forest rights and Sustainable Forest Management: A review of policies and programs in 16 developing countries. (With S. Lawry, R. McLain, and K. Biedenweg).

2010. World Agroforestry Centre for World Bank Institute. Estimating the Opportunity Costs of REDD+: A Training Manual. (With a team of ASB colleagues)

Research Grants:

2017-18: PI, Bottom-up policies for local food in Canada. Alberta Agriculture and Forestry, C$36,000.

2016-19: PI, Farmland Fragmentation and Conversion in Alberta. Funded by the Alberta Land Institute, Calgary Regional Partnership, Max Bell Foundation, Capital Region Board. Total budget C$130,000.

2015-2021. "Tracking Change - The Role of Local and Traditional Knowledge in Watershed Governance". Social Science and Humanities Research Council Partnership Grant. Co-Applicant. (Led by Brenda Parlee). Budget from SSHRC: C$2,480,000.

2015. Indigenous Peoples from the Global Commons: Networking for Social and Environmental Sustainability. Co-Applicant. (Led by Brenda Parlee), Budget from SSHRC: $50,000.

2014. Dialogue on International Food Security. IDRC. Principal Investigator. C$100,000.

2013-16: Co-PI, Economics of Land Fragmentation and Conversion in Alberta. Funded by the Alberta Land Institute. Total budget C$300,000.

2012-15: Joint PI, Collaborative project for graduate research on economic and social aspects of climate change, agriculture and food security. Funded by the Climate Change, Agriculture and Food Security Program, Copenhagen. Total budget C$300,000.

2011-14: Co-PI, Alleviating Poverty and Malnutrition in Agro-Biodiversity Hotspots. Implemented by the MS Swaminathan Research Foundation and the University of Alberta, funded by the Canadian Food Security Research Fund through the International Development Research Centre (IDRC). Total budget C$5 million, C$1.38 million to the University of Alberta.

2010-2014: Collaborator. Linking poverty, HIV/AIDS and climate change to human and ecosystem vulnerability in Southern Africa: consequences for livelihoods and sustainable ecosystem management. Implemented by Rhodes University and the University of Alberta, funded by the International Development Research Fund (IDRC). Total budget: C$600,000.

2011-13: Co-PI. Health Food Distribution at the University of Alberta Campus. Community-Services Learning Program, University of Alberta. $10,000 / year.

2012-15: PI. Banting Post-Doctoral Fellowship Grant to support Rohit Jindal. C$70,000 / year. Social Science and Humanities Research Council.

2010-12: PI. Survey of Alberta farmers' behavior and attitudes toward carbon offset contracts. Funded by the Linking Environment and Agriculture Research Network, C$10,000.

2000-8: Coordinator, European Union support for policy research at ICRAF (Approx. US$500,000 /year).

2007-10: PI, *Propoor Rewards for Environmental Services in Africa*. Funded by the International Fund for Agricultural Development (US$1 million for 4 years).

2006-10: Supervisor, Associate Experts in biodiversity and spatial analysis supported by financial assistance from the Finland Ministry of Foreign Affairs (US$300,000 per year).

2006-7: PI, *Sustaining the Values of Ecosystem Services in the Lake Victoria Basin: Harmonizing Poverty Reduction and Environmental Management Objectives*, funded by the United Nations Environment Programme (US$100,000 for 1 year).

2006: PI, *Pantropical Scoping Study of Compensaton for Ecosystem Services*, funded by the International Development Reseach Centre (US$300,000 for 1 year).

2004-2007: Kenya component of *SCALES – Sustaining Inclusive Collective Action across Economic and Ecological Scales*, funded by the Water and Food Challenge Programme (US$800,000 over 3 years, with US$80,000 to ICRAF).

1998-2004: Coordinator, Danida support for policy research at ICRAF (Approx US$120,000 / year).

2003-5: PI, *Safeguarding the Rights of the Poor to Critical Land, Water and Tree Resources in the Nyando Basin of Western Kenya,* funded by the Comprehensive Assessment of Water Management in Agriculture (US$100,000 over 3 years).

2002-3: PI, *Voices of the Livestock Poor in the Lake Victoria Basin*, funded by UK Department for International Development (US$100,000 over 2 years).

1999-2003: Coordinator, *Improved Land Management in the Lake Victoria Basin*, funded by the Swedish International Development Agency (SIDA) (US$2,300,000 over 5 years).

1996-9: Co-PI, *Property Rights, Risk and Sustainable Livestock Development*, funded by BMZ (Germany) US($1,000,000 over 3 years).

1995-2000: Co-PI, *An Integrated Approach to the Assessment of Trypanosomiasis Control Technologies and Their Impacts on Agricultural Production, Human Welfare and Natural Resources in Tsetse-Affected Areas of Africa*, funded by the International Fund for Agricultural Development (IFAD) (US$800,000 over first 3 years and US$1,000,000 over next 3 years).

1984-7: Project Leader, Ag*ricultural Marketing Research Project*, a collaborative research project between the National University of Lesotho and the University of Saskatchewan, funded by the International Development Research Centre (US$350,000 over 3 years).

Teaching:

AREC 173, Plate, Planet and Society. University of Alberta, Winter 2010, Winter 2011, Winter 2012, Fall 2012, Fall 2013, Fall 2015, Fall 2016, Fall 2017.

Our Food, the Planet and Society. Edmonton Lifelong Learners Association. Spring 2013.

AREC 500. Advanced Topics in Development Economics. University of Alberta: Taught Winter 2010, Winter 2012, Fall 2015.

AREC 375 / INTD 303. Economics of World Food and Agriculture, University of Alberta, Winter 2014, Winter 2016, Winter 2017.

ENCS 473. Environmental Policy. University of Alberta, Winter 2016, Winter 2017.

Short course in economic analysis of agroforestry systems, World Agroforestry Centre, Nairobi, June 23-24, 2008.

Short course in Conjoint Analysis, University of Lampung, Indonesia, 17-18 March, 2005.

Semi-annual lectures on agroforestry, health and nutrition for the School for International Training 2004-9.

4th year economics course in applied research methods, National University of Lesotho, 1984-1986.

Supervision of Graduate Students at the University of Alberta since 2009:

Tong, Qingmeng (PhD in progress, Huazhong Agricultural University, Wuhan, China). Approaches and Solutions of Climate Smart Agriculture: example of rice production in China. (funded by China Scholarship Council).

Wang, Yichuan (PhD in progress). Institutions for multi-level governance of the MacKenzie River basin. (Awarded Vanier PhD Scholarship, 2014-17).

Cao, Yanghe (MSc in progress). Economic spillovers of resource use restrictions in Alberta municipalities.

Budynski, Stephanie (MSc in progress). Impacts of federal, provincial and local policy on local food markets in Edmonton, Canada.

Salat, Mohamud (MSc 2017). Improved technical efficiency as a climate-smart agricultural practice in Kenya.

Wang, Qi (MSc 2016). Farmers' motivations to conserve agricultural land in the Alberta Capital Region.

Montenegro, Maria (MSc 2016). Land use and women's empowerment in the Lake Junin watershed, Peru.

Wang, Haoluan (MSc, 2015). Examination of Agricultural Land Conservation in the Alberta Capital Region, Canada.

Zhoa, Jinna (MAg., 2015). *A Theoretical Ambiguity Model of Demand for Weather Index Insurance and Implications for Weather Index Insurance Market Development in Developing Countries.*

Johny, Judit (MSc, 2014). Social Networks in Rural India.

Thompson, Yvette D. (MSc, 2014). Farmers willingness to accept compensation for REDD in Cameroon.

Yoo, Tae Ho (MAg, 2013). The Value of Remaining Rat-Free for Alberta Residents.

Clark, Caryn Lee. (MSc, 2013). Complexity, Climate Change, HIV / AIDS and Vulnerability. Department of Environmental Science, Rhodes University, South Africa (co-supervisor, with Sheona Shackleton as supervisor).

Abu-Basutu, Keitometsi N. (MSc, 2013). Relative contribution of wild foods to individual and household food security in the context of increasing vulnerability due to HIV / AIDS and climate variability. Rhodes University, South Africa (co-supervisor, with Charlie Shackleton as supervisor).

Shams, Rifat (MSc, 2012). Socio-cultural impacts of agroforestry improvements in Narsingdi, Bangladesh (Co-supervisor with John Parkins).

Schmidt, Caitlin (MSc, 2012). Farmers preferences over the attributes of REDD contracts and value chains in Cameroon. (Supervisor, with M. Luckert as co-supervisor).

Monzur, Mohammed (MAg, 2011). Farmers involvement and perceptions of the Alberta greenhouse gas offset system (Supervisor).

Kaczan, David (MSc, 2011). Farmers preferences over the attributes of PES contracts in the East Usambara region of Tanzania (Supervisor, with V. Adamowicz as co-supervisor). {Winner of awards for outstanding master of science thesis by the Canadian Agricultural Economics Society, June 2012, and the Agricultural and Applied Economics Association, August 2012}

Field Supervision of Graduate Students:

Rantala, Salla. 2013. *Rewards for Habitat Protection Services in the East Usambara Mountains*. PhD in Tropical Forestry. University of Helsinki, Helsinki, Finland.

Vardhan, Mamta. 2011. *Incentives for Watershed Conservation in Forest Landscapes in Tanzania: Implications for Gender and Collective Action.* PhD in Community, Agriculture, Recreation and Resource Studies, Michigan State University, USA.

Jindal, Rohit. 2011. *Field experiments on payment for environmental services in Tanzania.* PhD in Community, Agriculture, Recreation and Resource Studies, Michigan State University, USA.

Rakshi, Shaika. 2009. *Policies and institutions affecting payments for environmental services in the central highlands of Kenya.* MSc, Environmental Science, State University of New York, Syracuse, New York.

Peralta, Alexandra. 2009. Trees and water availability: choices among evergreen and deciduous species for Nyando watershed, western Kenya. MSc in Agricultural and Applied Economics, Michigan State University, USA.

Asamba, Isabella. 2008. *Impacts of Community-Based Water Management in Kericho District, Kenya.* MA in Urban and Regional Planning. Maseno University, Maseno, Kenya.

Onyango, Leah. 2008. *Dynamics of Property Rights and Poverty in the Nyando River Basin, Kenya*. PhD in Urban and Regional Planning. Maseno University, Maseno, Kenya.

Onyango, Seth Ooko. 2008. *Effects of Human Illness and Death on Agricultural Production: a Case of Nyando and Kericho Districts in Kenya*. MSc in Agricultural Economics. Egerton University, Njoro, Kenya.

Soini, Eija. 2006. Livelihood, land use and environment interactions in the highlands of East Africa. Department of Development Geography, University of Helsinki, Helsinki, Finland.

Vardhan, Mamta. 2006. *Determinants and Impacts of Collective Water Management in Kenya's Lower Nyando Basin*. MSc in Community, Agriculture, Recreation and Resource Studies, Michigan State University, East Lansing, Michigan.

Abraham, Ashita. 2002. *Collective Action for Water Harvesting for Agriculture in the Lake Victoria Basin.* M.Sc. in water resource management, Southampton University, UK.

Kamara, Abdul B. 2000. *Property Rights, Risk and Sustainable Development of Livestock Production systems: A case study of the Borana Rangelands of southern Ethiopia.* PhD in Agricultural Sciences, Georg-August University, Gottingen, Germany.

Govereh, Jones. 1999. *Impacts of Tsetse and Trypanosomosis Controls on Farming Systems in the Zambezi Valley of Zimbabwe*. PhD in Agricultural Economics, Michigan State University, East Lansing, Michigan, U.S.A.

Tano, Kouadio. 1998. *Genetic Preferences of Smallholders and Trypanotolerant Cattle in Southern Burkina Faso.* PhD in Agricultural Economics and Farm Management, University of Manitoba, Canada.

Mwangi, Damaris. K. 1996. *Socio-Economic Factors Affecting Implementation of Community Managed Tsetse Control in Busia District, Kenya.* PhD in Agriculture. University of Reading, Reading, UK.

External Examiner of Graduate Students:

External examiner of MSc thesis, University of Saskatchewan, 2015.
Opponent to PhD thesis defense at Norwegian University of Life Sciences, 2012.
External examiner of PhD thesis by student at University of Western Australia, 2010.
External examiner of MSc thesis by student at McGill University, 2010.
External reviewer of MSc thesis by student at Rhodes University, 2009.
Opponent to PhD thesis defense at University of Helsinki, Helsinki, Finland, 2008.

Books:

3. Swallow, B., Okono, N., Achouri, M. and Tennyson, L. (eds). 2005. *Preparing for the Next Generation of Watershed Management Programmes and Projects: Africa.* FAO and ICRAF: Rome and Nairobi, pp. 282+xi.

2. Meinzen-Dick, R., Knox, A., Place, F. and Swallow, B. (eds). 2002. *Innovation in Natural Resource Management: The Role of Property Rights and Collective Action in Developing Countries.* Johns Hopkins University Press: Baltimore, USA, ISBN0-8018-7143-3, pp.317+xv.

1. McCarthy, N., Swallow, B., Kirk, M. and Hazell, P. (eds). 2000. *Property Rights, Risk and Livestock Development,* IFPRI: Washington D.C., pp. 437. ONLINE.

Journal Articles (names of students underlined):

52. Montenegro, M.J., Mohapatra, S. and Swallow, B. (in revision for re-submission). Women's land, power and influence in the Peruvian high Andes: an empirical examination using item response theory. *American Journal of Agricultural Economics.*

51. Miller-Tait, E.J., Mohapatra, S., Luckert, M. & Swallow, B.M. (in revision for re-submission). On Target? Using self-selection models to assess pro-poor targeting of processing technologies for undervalued staples in rural India. *Food Security.*

50. Kaczan, D., Swallow, B.M., and Adamowicz, W.L. (in press). Forest conservation policy and motivational crowding: experimental evidence from Tanzania. *Ecological Economics.* http://dx.doi.org/10.1016/jecolecon.2016.07.002.

49. Johny, J., Wichmann, B. and Swallow, B.M. (2017). Characterizing Social Networks and their Effects on Income Diversification in Rural Kerala, India. *World Development.*94:375-392.

48. Thompson, D.Y., Swallow, B.M., Luckert, M.K. (2017). "Costs of lost opportunities: Applying non-market valuation techniques to potential REDD+ participants in Cameroon. *Forests.* 8(60); doi:10.3390/f8030069.

47. Breitkreuz, R., Stanton, C.J., Brady, N., Pattison, J., King,E.D.I.O., Mishra, C.S. & Swallow, B.M. (2017). The Mahatma Gandhi National Rural Employment Guarantee Scheme: A Policy Solution to Rural Poverty in India? *Development Policy Review* 35(3): 397-417.

46. Ncube, K., Shackleton, C.M., Swallow, B.M. and Dasanayake, D. (2016). Impacts of HIV / AIDS on food consumption and wild food use in rural South Africa. *Food Security* 8(6): 1131-1151.

45. Wang, H., Swallow, B. 2016. Optimizing expenditures for agricultural land conservation: spatially-explicit estimation of benefits, budgets, costs and targets. *Land Use Policy* 59: 272-283.
44. Swallow, B.M. and Goddard, T.W. 2016. "Developing Alberta's greenhouse gas offset system within Canadian and international policy contexts", *International Journal of Climate Change Strategies and Management*, 8(3): 318 – 337.
43. Shams, R., Parkins, J.R., and Swallow, B.M. 2015. Socio-Cultural Dimensions of a Jackfruit - Burmese Grape dominated Agroforestry System in Bangladesh. *International Journal of Development and Sustainability,* 4(6): 721-743.
42. Qiu, F., Swallow, B.M., Jeffrey, S. and Liberte, L. 2015. Impacts of fragmentation and neighbor influences on farmland conversion: a case study of the Edmonton-Calgary corridor, Canada. *Land Use Policy* 48: 482-494.
41. Wang, H., Qiu, F., and Swallow, B. 2014. Can community gardens and farmers' markets relieve food desert problems? A study of Edmonton, Canada, *Applied Geography* 55: 127-137.
40. Kaczan, D., Swallow, B.M., and Adamowicz, W.L., 2013. Designing a payment for ecosystem services (PES) program to reduce deforestation in Tanzania: An assessment of payment approaches. *Ecological Economics*. 31: 71-80.
39. Jindal, R. Kerr, J.M., Ferraro, P.J., and Swallow, B.M., 2013. Social dimensions of procurement auctions for environmental service contracts: Evaluating trade-offs between cost-effectiveness and participation by the poor in rural Tanzania. *Land Use Policy* 31: 71-80.
38. Rantala S.E., Vihemäki H.M., Swallow B.M., Jambiya G. 2013. Who gains and who loses from compensated displacement from protected areas? The case of the Derema Corridor, Tanzania. *Conservation and Society.* 11(2): 97-111.
37. Swallow, B. M., and Goddard, T.W., 2013. Institutions, incentives and motivations for bio-carbon sequestration services: learning from contrasting contexts in Africa and Alberta. *Land Use Policy 31:* 81-89.
36. Crow, B**.,** Swallow, B.M.. and Asamba, I., 2012. Community Organized Household Water Increases Rural Incomes, but Also Men's Work", *World Development* 40(3): 528-541.
35. Cerbu, G., Swallow, B.M. and Thompson, Y.D. 2011. Locating REDD: A Global Survey and Analysis of REDD Readiness and Demonstration Activities. *Environmental Science and Policy 14*(2), 168-180.
34. Swallow, B. M., B. Leimona, T. Yatich and S. J. Velarde. 2010. The Conditions for Functional Mechanisms of Compensation and Reward for Environmental Services. *Ecology and Society* 15 (4): 6. [online] URL: http://www.ecologyandsociety.org/vol15/iss4/art6/
33. Swallow, B. M., M. F. Kallesoe, U. A. Iftikhar, M. van Noordwijk, C. Bracer, S. J. Scherr, K. V. Raju, S. V. Poats, A. Kumar Duraiappah, B. O. Ochieng, H. Mallee, and R. Rumley. 2009. Compensation and rewards for environmental services in the developing world: framing pan-tropical analysis and comparison. *Ecology and Society* 14(2): 26. [online] URL: http://www.ecologyandsociety.org/vol14/iss2/art26/
32. Arifin, B., Swallow, B., Suyanto and Coe, R. 2009. A Conjoint Analysis of Farmer Preferences for Social Forestry Contracts in the Sumber Jaya Watershed, Indonesia. *Ecological Economics* 68(7): 2040-2050.
31. Swallow, B., Sang, J., Nyabenge, M., Bondotich, D., Yatich, T., Duraiappah, A., and Yashiro, M. 2009. Tradeoffs among ecosystem services in the Lake Victoria Basin. *Environmental Science and Policy* 12(4): 504-519.
30. Mwangi, E. and Swallow, B. 2008. *Prosopis juliflora* Invasion and Rural Livelihoods in the Lake Baringo Area of Kenya. *Conservation and Society* 6(2): 130–140.
29. Jindal, R., Swallow, B. and Kerr, J. 2008. Carbon Sequestration Projects in Africa: Potential benefits and challenges. *Natural Resource Forum*. 32: 116-130.
28. Were, E., Roy, J.L. and Swallow, B. 2008. Local Organization and Gender in Water Management: a Case Study from the Kenya Highlands. *Journal of International Development.* 20(1): 69-81.
27. Swallow, B, Johnson, N., Meinzen-Dick, R. and Knox, A. 2006. The Challenges of Inclusive Cross-Scale Collective Action in Watersheds, *Water International* 31(3): 361-375.

26. Ashley, R., Russell, D. and Swallow, B. 2006. The Policy Terrain in Protected Area Landscapes: Challenges for Agroforestry in Integrated Landscape Conservation. *Biodiversity and Conservation* 15: 663-689.
25. Barrett, C.B. and Swallow, B. 2006. Fractal Poverty Traps. *World Development* 34(1): 1-15.
24. Swallow, B. 2005. Potential for Poverty Reduction Strategies to Address Community Priorities: Case Study of Kenya. *World Development* 33(2): 301-321.
23. Kamara, A., Swallow, B. and Kirk, M. 2004. Policies, Interventions and Institutional Change in Pastoral Resource Management in Borana, Southern Ethiopia. *Development Policy Review* 22(4): 381-403.
22. Kamara, A., Kirk, M. and Swallow, B. 2004. Property Rights and Land Use Change: Implications for Sustainable Resource Management in Borana, Southern Ethiopia. *Journal of Sustainable Agriculture* 22(4): 381-403.
21. Tano, K., Kamuanga, M., Faminow, M.D and Swallow, B.M. 2003. Using Conjoint Analysis to Estimate Farmers' Preferences for Cattle Traits in West Africa. *Ecological Economics* 45: 319-407.
20. Swallow, B.M., Garrity, D.P. and van Noordwijk, M. 2002. The Effects of Scales, Flows and Filters on Property Rights and Collective Action in Catchment Management. *Water Policy* 3(6): 449-455.
19. Swallow, B.M., Johnson, N.L. and Meinzen-Dick, R.S. 2002. Working with People for Watershed Management. *Water Policy* 3(6): 449-474.
18. Kamuanga, M., Swallow, B.M., Sigué, H. and Bauer, B. 2001. Evaluating Contingent and Actual Contributions to a Local Public Good: Tsetse Control in the Yale Agro-pastoral Zone, Burkina Faso. *Ecological Economics* (39)1: 115-130.
17. Tano, K., Kamuanga, M., Faminow, M.D. and Swallow, B.M. 2001. Adoption and Demand for Trypanotolerant Cattle in the Sub-humid zone of West Africa. *Journal of Agriculture and Environment for Sustainable Development* 95 (2/3): 213-236.
16. Kamuanga, M., Sigue, H., Swallow, B., Bauer, B., and d'Ieteren, G. 2001. Farmers' perceptions of the impacts of tsetse and trypanosomosis control on livestock production: evidence from southern Burkina Faso. *Tropical Animal Health and Production* (The Netherlands). v. 33(2). p. 141-153.
15. Kristjanson, P.M., Swallow, B.M., Rowlands, G.J., Kruska, R.L. and de Leeuw, P.N. 1999. Measuring the Costs of African Animal Trypanosomosis, the Potential Benefits of Control and Returns to Research. *Agricultural Systems* 59: 79-98.
14. Jabbar, M.A., Swallow, B.M. and Rege, J.E.O. 1999. Incorporation of Farmer Knowledge and Preferences in Designing Breeding Policy and Conservation Strategy for Domestic Animals. *Outlook on Agriculture* 28(4): 239-243.
13. Jabbar, M.A., Swallow, B.M., d'Ieteren, G.D.M. and Busari, A.A. 1998. Farmer Preferences and Market Values of Cattle Breeds of West and Central Africa. *Journal of Sustainable Agriculture* (USA). v. 12(2/3): 21-47.
12. Echessah, P.N., Swallow, B.M., Kamara, D.W. and Curry, J.J. 1997. Willingness to Contribute Labour and Money to Tsetse Control: Application of Contingent Valuation in Busia District, Kenya. *World Development* 25(2) 239-253.
11. Swallow, B.M. and Bromley, D.W. 1995/1999. Institutions, Governance and Incentives in Common Property Regimes for African Rangelands. *Environmental and Resource Economics* 5: 1-20. In 1999 this article was also published in two edited volumes published by Edward Elgar Publishing: Chapter 10 (pp.143-162), *Sustaining Development: Environmental Resources in Developing Countries* by D.W. Bromley and Chapter 24 of *Ecosystems and Nature: Economics, Science and Policy* edited by R.K. Turner, K. Button and P. Nijkamp.
10. Swallow, B.M. and Bromley, D.W. 1994/1999. Co-management or No Management: The Prospects for Internal Governance of Common Property Regimes through Dynamic Contracts. *Oxford Agrarian Studies* 22(1): 3-16. In 1999 this article was published in an edited volume published by Edward Elgar Publishing: Chapter 9 (pp. 129-142), *Sustaining Development: Environmental Resources in Developing Countries* by D.W. Bromley.
9. Swallow, B.M. 1998. Review of G. Payne. Urban land tenure and property rights in developing countries: A review. *Agricultural Systems*.

8. Swallow, B.M. 1997. Review of T. Prugh with R. Constanza, J.H. Cumberland, H. Daly, R. Goodland and R.B. Norgaard. Natural Capital and Human Economic Survival. *Ecosystem Health*.
7. Swallow, B.M. 1996. Review of I. Goldin and L.A. Winters, eds. The Economics of Sustainable Development. *American Journal of Agricultural Economics* 78(2): 480-484.
6. Swallow, B.M., 1995. Mobile Flows, Storage and Self-organized Institutions for Common-pool Resources: Comment. *Land Economics* 71(4): 537-538.
5. Swallow, B.M., Mulatu, W. and Leak, S.G.A. 1995. Potential Demand for a Mixed Public-Private Animal Health Input: Evaluation of a Pour-on Insecticide for Controlling Tsetse-Transmitted Trypanosomiasis in Ethiopia. *Preventive Veterinary Medicine* 24(4): 265-275.
4. Itty, P., Swallow, B.M., Rowlands, G.J., Mulatu, W. and d'Ieteren, G. 1995. The Economics of Village Cattle Production in a Tsetse-Infested Area of Southwest Ethiopia. *Preventive Veterinary Medicine* 22(3): 183-196.
3. Swallow, B.M. and Mulatu, W. 1994. Evaluating Willingness to Contribute to a Local Public Good: Application of Contingent Valuation to Tsetse Control in Ethiopia. *Ecological Economics* 11(2): 153-161.
2. Itty, P., Swallow, B.M., Rowlands, G.J., Agyemang, K. and Dwinger, R.H. 1993. Economics of Village Production of N'dama Cattle in The Gambia. *Quarterly Journal of International Agriculture* 32(3): 293-307.
1. Swallow, B.M. and Johnson, G.J. 1987. A Fiscal Impact Model for Virginia Counties. *The Review of Regional Studies* 17(2): 67-74.

Book Chapters (names of students underlined):

38. Crow, B. and Swallow, B.M. (in press). Water and Poverty: Pathways of Escape and Descent'. In K. Conca and E. Weinthal (eds.), *Oxford Handbook of Water Politics and Policy*, Oxford University Press.
37. Johnson, N., Swallow, B. and Meinzen-Dick, R., 2014. Research on Institutions for Agricultural Water Management under CGIAR Challenge Program on Water and Food. In L. Harrington and M. Fisher (eds), Water Scarcity, Livelihoods and Food Security, Earthscan Publications, Taylor and Francis, chapter 6.
36. Minang, P.A., van Noordwijk, M. and Swallow, B.M. 2012. High-Carbon-Stock Rural-Development Pathways in Asia and Africa: Land Management Contributions to Low-Carbon-Emission Economic Development. In P.K.R. Nair and D.P. Garrity (eds.), *Agroforestry: The Way Forward*. Springer, Dordrecht, Netherlands, pp. 127-144.
35. Di Gregorio, M., Hagedorn, K., Kirk, M., Korf, B., McCarthy, N., Meinzen-Dick, R., Swallow, B., Mwangi, E., Markelova, H. 2012. *Chapter 2: Property Rights and Collective Action for Poverty Reduction: a Framework for Analysis.* "Collective Action and Property Rights for Poverty Reduction: Insights from Africa and Asia," Edited by E. Mwangi, H. Markelova, and R. Meinzen-Dick, University of Pennsylvania Press, pp. 25-48..
34. Jindal, R. and Swallow, B., 2011. Farmers' Preferences and Perspectives on Planting Additional Trees on Their Farms, Lake Victoria Basin, Western Kenya. FAO (eds.), *Payments for Ecosystem Services and Food Security.* Food and Agriculture Organization, Rome, pp. 163-169.
33. Yatich, T., Swallow, B., Ajayi, O.C., Minang, P. and Wakhayanga, J.. 2011. Chapter 11: Community-based Adaptation to Climate Change in Africa: A Typology of Information and Institutional Requirements for Promoting Update of Existing Adaptation Technologies. Edited by Emmanuel Chidumayo, David Okali, Godwin Kowero and Mahamane Larwanou, Climate Change and African Forest and Wildlife Resources. The African Forest Forum, Nairobi, Kenya, pp. 161-175.
32. Swallow, B., and Meinzen-Dick, R., 2009. Payment for Environmental Services: Interactions with Property Rights and Collective Action. In V. Beckmann and M. Padmanabhan (eds.), *Institutions and Sustainability: Political Economy of Agriculture and the Environment*. Springer.
31. Swallow, B., Onyango, L. and Meinzen-Dick, R. 2007. Irrigation Management and Poverty Dynamics: Case Study of the Nyando Basin in Western Kenya. In B. Von Koppen, M.

Giordano and J. Butterworth (eds), *Community-Based Water Law and Water Resource Management Reform in Developing Countries*. CABI, Wallingford, UK. 196-210.

30. Onyango, L., Swallow, B., Roy, J.L. and Meinzen-Dick, R. 2007. Coping with History and Hydrology: How Kenya's Settlement and Land Tenure Patterns Shape Contemporary Water Rights and Gender Relations in Water. In In B. Von Koppen, M. Giordano and J. Butterworth (eds.), *Community-Based Water Law and Water Resource Management Reform in Developing Countries.* CABI, Wallinford, UK, pp: 173-195.
29. Swallow, B., Boffa, J.-M. and Scherr, S.J. 2006. The Potential for Agroforestry to Contribute to the Conservation and Enhancement of Landscape Biodiversity. In D.Garrity, A. Okono, M. Grayson and S. Parrott (eds). *World Agroforestry and the Future.* World Agroforestry Centre, Nairobi, Kenya, pp. 95-101.
28. Swallow, B., Russell, D. and Fay, C. 2006. Agroforestry and Environmental Governance. In D.Garrity, A. Okono, M. Grayson and S. Parrott (eds). *World Agroforestry and the Future.* World Agroforestry Centre, Nairobi, Kenya, pp. 85-94.
27. Villarreal, M., Holding Anyonge, C., Swallow, B. and Kwesiga, F. 2006. The Challenge of HIV/AIDS: Where Does Agroforestry Fit In? In D.Garrity, A. Okono, M. Grayson and S. Parrott (eds). *World Agroforestry and the Future.* World Agroforestry Centre, Nairobi, Kenya, pp. 181-191.
26. Swallow, B., Meinzen-Dick, R. and Van Noordwijk, M. 2006. Localizing Demand and Supply of Environmental Services: Interactions with Property Rights, Collective Action and the Welfare of the Poor. In L. Merino and J. Robson, eds. *Managing the Commons: Payment for Environmental Services*. Instituto Nacional de Ecologia (INE), Mexico, pp.35-49.
25. Swallow, B. 2005. Outcome of the Africa Regional Workshop on Preparing the Next Generation of Watershed Management Programmes. In L. Tennyson and P. C. Zingari (eds). *Water Resources for the Future.* FAO: Rome, pp. 39-44.
24. Swallow, B., Onyango, L. and Meinzen-Dick, R. 2005. Catchment Property Rights and the Case of Kenya's Nyando Basin. In B. Swallow, N. Okono, L. Tennyson and M. Achouri (eds). *Preparing for the Next Generation of Watershed Management Programmes in Africa.* FAO and ICRAF: Rome and Nairobi, pp. 123-137.
23. Swallow, B., 2005. Poverty Reduction Strategies for Addressing Multi-level Poverty Traps: Reflections from Kenya. In F. Ellis and H. A. Freeman (eds). *Rural Livelihoods and Poverty Reduction Policies,* Routledge: London, pp. 311-331.
22. Barrett, C. and Swallow, B. 2005. Dynamic Poverty Traps and Rural Livelihoods." In F. Ellis and H. Ade Freeman (eds). *Rural Livelihoods and Poverty Reduction Policies*, Routledge: London, pp. 16-28.
21. Aylward, B., Bandyopadhyay, J., Belausteguigotia, J.-C. (coordinating lead authors), Borkey, P., Cassar, A., Meadors, L., Saade, L., Siebentritt, M., Stein, R., Tognetti, S., Tortajada C. (Lead authors), Allan, T., Bauer, C., Bruch, C., Guimaraes-Pereia, A., Kendall, M., Kiersch, B., Landry, C., Rodriquez, E.M., Meinzen-Dick, R., Moellendorf, S., Pagiola, S., Porras, I., Ratner, B., Shea, A, Swallow, B., Tomich, T., and Voutchkov, N. 2005. Chapter 7, Freshwater Ecosystem Services. In K. Chopra, R. Leemans, P. Kumar and H. Simons. *Ecosystems and Human Well-Being: Policy Responses*, Volume 3. Island Press: Washington, pp. 213-258.
20. Swallow, B., Ayuk, E., Franzel, S., Katanga, R., Mafongoya, P. and Place, F. 2004. How Farmers, Researchers and Policy Makers Assess the Impacts of Improved Fallows in Eastern Zambia. In M.R. Rao and F.R. Kwesiga (eds). *Agroforestry Impacts on Livelihoods in Southern Africa: Putting Research into Practice.* World Agroforestry Centre: Nairobi, Kenya, pp: 291-300.
19. Kamuanga, M., d'Ieteren, G., Tano, K., Mugalla, C., Pokou, K., and Swallow, B. 2004. Improving the Productivity of Crop-Livestock Systems Under Trypanosomosis Risk in West Africa: Potentials and Opportunities in the Next Decade. In T.O. Williams, S. Tarawali, P. Hiernaux, and S. Fernandez-Rivera, S. (eds). *Sustainable Crop-Livestock Production for Improved Livelihoods and Natural Resource Management in West Africa*. Proceedings of an international conference. ILRI: Nairobi (Kenya), p. 436-465.
18. Swallow, B.M. 2004. Using Contingent Valuation to Assess the Prospects for Local Participation in Public Good Provision: The Case Of Trypanosomiasis Control In Ethiopia. In S.K. Ehui, J. Lynam, and J. Okike (eds). *Adapting Social Science to the Changing Focus of International*

Agricultural Research. Proceedings of a Rockefeller Foundation-ILCA social science research fellows workshop. p. 263-280. Nairobi (Kenya): ILRI.

17. Swallow, B., Okono, A., Ong, C. and Place, F. 2003. TransVic: Improved land management across the Lake Victoria Basin. In R.R. Harwood and A.H. Kassam (eds). *Research Towards Integrated Natural Resource Management: Examples of Research Problems, Approaches and Partnerships in Action in the CGIAR..* CGIAR Interim Science Council: Centre Directors' Committee on Integrated Natural Resources Management, Rome, Italy, pp 65-78.
16. Ong, C. and Swallow, B. 2003. Water Productivity in Forestry and Agroforestry. In J.W. Kijne, R. Barker and D. Molden (eds). *Water Productivity in Agriculture: Limits and Opportunities for Investment.* CABI Publishing: Wallingford UK.
15. Meinzen-Dick, R., Knox, A., Swallow, B. and Place, F. 2002. Introduction. In R. Meinzen-Dick, A. Knox, F. Place and B. Swallow (eds). *Innovation in Natural Resource Management: The Role of Property Rights and Collective Action in Developing Countries*. Johns Hopkins University Press: Baltimore, USA, pp. 1-11.
14. Place, F. and Swallow, B.M. 2002. Assessing the Relationships Between Property Rights and Technology Adoption in Smallholder Agriculture: A Review of Issues and Empirical Methods. In R. Meinzen-Dick, A. Knox, F. Place and B. Swallow (eds). *Innovation in Natural Resource Management: The Role of Property Rights and Collective Action in Developing Countries*, Johns Hopkins University Press: Baltimore, USA, pp. 45-72.
13. Swallow, B.M., Wangila, J., Tesfaemichael, N., Okello, O., McCarthy, N. and Kruska, R. 2002. Collective Action in Space: Assessing How Cooperation and Collective Action Vary Across an African Landscape. Ruth Meinzen-Dick, Anna Knox, Frank Place and Brent Swallow (eds). *Innovation in Natural Resource Management: The Role of Property Rights and Collective Action in Developing Countries,* Johns Hopkins University Press: Baltimore, USA, pp. 240-256. Also published as CAPRI Working Paper No. 5. CGIAR System-Wide Programme on Property Rights and Collective Action. IFPRI: Washington, D.C, 2000.
12. Knox, A., Meinzen-Dick, R., Swallow, B. and Place, F. 2002. "Conclusions and Policy Recommendations." In R. Meinzen-Dick, A. Knox, F. Place and B. Swallow (eds). *Innovation in Natural Resource Management: The Role of Property Rights and Collective Action in Developing Countries*, Johns Hopkins University Press: Baltimore, USA, pp. 294-301.
11. Place, F., Swallow, B.M., Wangila, J. and Barrett, C.B. 2002. Lessons For Natural Resource Management, Technology Adoption and Research. In C.B. Barrett, F. Place and A. Aboud (eds). *Natural Resource Management in African Agriculture: Understanding and Improving Current Practices*. CABI Press.
10. Swallow, B.M. 2000. Property Rights, Risk and Livestock Development in Africa: Issues and Approach. In N. McCathy, B. Swallow, M. Kirk and P. Hazell (eds). *Property Rights, Risk and Livestock Development,* IFPRI: Washington D.C. .
9. Swallow, B.M. and Kamara, A. 2000. "The Dynamics of Land Use and Property Rights in Semi-arid East Africa." In N. McCathy, B. Swallow, M. Kirk and P. Hazell (eds). *Property Rights, Risk and Livestock Development,* IFPRI: Washington D.C.
8. Luseno, W., Swallow, B.M. and Kamara, A. 1998 P*astoralism in Ethiopia, Kenya, and Somalia: a selected annotated bibliography.* Logan, USA : Utah State University.
7. Swallow, B.M. 1997. Towards Incentive-Compatible Mechanisms for Enhanced Carbon Storage in the African Drylands. In V. R. Squires, E. P. Glenn and A.T. Ayoub (eds). *Combating Global Climate Change by Combating Land Degradation.* United Nations Environment Programme: Nairobi, pp. 273-304.
6. Ehui, S., Williams, T. and Swallow, B.M. 1995. Economic Factors and Policies Encouraging Environmentally Detrimental Land Use Practices in Sub-Saharan Africa. In G. H. Peters and D.D. Hedley (eds). *Agricultural Competitiveness: Market Forces and Policy Choice.* Proceedings of the Twenty-Second International Conference of Agricultural Economists held in Harare, Zimbabwe, 22-29 August 1994. Hants, England: Dartmouth, pp. 444-463.
5. Swallow, B.M. and M.A. Jabbar. 1994. Cattle Breed Preferences and Breeding Practices in Southern Nigeria. In G.J. Rowlands and A.J. Teale (eds). *Towards Increased Utilisation and Adoption of Trypanotolerance — Current Status of Research and Future Directions*. Proceedings of a Workshop Organized by ILRAD and ILCA. The International Laboratory

for Research on Animal Diseases / The International Livestock Centre for Africa, pp. 115-122.

4. Itty, P. and Swallow, B.M., 1994. The Economics of Trypanotolerant Cattle Production in Regions of Origin and Areas of Introduction. In G. J. Rowlands and A. J. Teale (eds.), *Towards Increased Utilisation and Adoption of Trypanotolerance -- Current Status of Research and Future Directions*. Proceedings of a Workshop Organized by ILRAD and ILCA. The International Laboratory for Research on Animal Diseases/The International Livestock Centre for Africa, pp. 103-114.
3. Reid, R.S., Curry, J.J., Swallow, B.M., Mukhebi, A.W., Perry, B.M., and Ellis, J.E. 1994. Ecological, Social and Economic Impacts of Trypanotolerance: Collaborative Research In Central and West Africa. In G.J. Rowlands and A.J. Teale (eds). *Towards Increased Utilisation and Adoption of Trypanotolerance — Current Status of Research and Future Directions*. Proceedings of a Workshop Organized by ILRAD and ILCA. The International Laboratory for Research on Animal Diseases/ The International Livestock Centre for Africa, pp. 135-144.
2. Swallow, B.M. 1992. Marketing, Development and Range Utilization. In M.T. Mochebelele, N.L. Mokitimi, M. T. Ngqaleni, G.G. Storey, and B. M. Swallow. *Agricultural Marketing in Lesotho*. International Development Research Centre: Ottawa, Canada, pp. 41-69.
1. Swallow, B.M. and Boris, B. 1988. "Cooperative Agricultural Development and Food Production in Lesotho" in K. Prah, *Food Security Issues in Southern Africa,* Roma, Institute of Southern African Studies, National University of Lesotho.

Other International Publications:

31. Shackleton, C.M., Hamer, N., Swallow, B., and Ncube, K. 2015. Addressing local level food insecurity amongst small-holder communities in transition. Policy Brief No. 12. Department of Environmental Science, Rhodes University, Grahamstown, South Africa.
30. Cerbu G, Minang PA, Swallow B, Meadu V. 2009. Global survey of REDD projects: What implications for global climate objectives? *ASB PolicyBrief No. 12.* ASB Partnership for the Tropical Forest Margins, Nairobi, Kenya.
29. Swallow, B.M. and van Noordwijk, M., 2009. Agriculture and Climate Change: An Agenda for Negotiation in Copenhagen for Food, Agriculture, and the Environment Direct and Indirect Mitigation Through Tree and Soil Management. 2020 Vision for Food, Agriculture and the Environment. Washington, DC: International Food Policy Research Institute.
28. Swallow, B.M., Minang, P.A., Meadu, V., and Chomba, S. (eds.), 2009. *The Case for Investing in Africa's Biocarbon Potential.* Policy Brief 4. Nairobi, Kenya: World Agroforestry Centre.
27. Swallow, B.M., Minang, P.A., Meadu, V., and Chomba, S. (eds.), 2009. *Africa's Biocarbon Interests – Perspectives for a new climate change deal.* Policy Brief 5. Nairobi, Kenya: World Agroforestry Centre.
26. Minang, P.A., Swallow, B. and Meadu, V. 2008. REDD Strategies for High-Carbon Rural Development. ASB Policy Brief 11. ASB Partnership for the Tropical Forest Margins, Nairobi, Kenya.
25. Minang, P.A., Meadu, V., Dewi, S. and Swallow, B. 2008. The Opportunity Costs of Avoiding Emissions from Deforestation. ASB Policy Brief 10. ASB Partnership for the Tropical Forest Margins, Nairobi, Kenya.
24. Swallow, B., Van Noordwijk, M. and Galoppin-Vanhoutte, K. 2008. Restoring the Functions of Watersheds. ASB Policy Brief 9. ASB Partnership for the Tropical Forest Margins, Nairobi, Kenya.
23. Bruijnzeel, S., Van Noordwijk, M., Swallow, B. and Galoppin-Vanhoutte, K., eds. 2008. Deforestation and the Multiple Functions of Tropical Watersheds. ASB Policy Brief 8. ASB Partnership for the Tropical Forest Margins, Nairobi, Kenya.
22. Bracer, C., Brana, J. and Swallow, B. 2007. Compensation and Rewards for Environmental Services: Major findings and conclusions of the Pan-Tropical Scoping Study on Ecosystem Services. The Katoomba Group's EcoSystem Marketplace (www.ecosystemmarketplace.com), First published July 16, 2007.
21. Van Noordwijk, M., Dewi, S., Swallow, B., Purnomo, H. and Murdiyarso, D., 2007. Avoided Deforestation with Sustainable Benefits in Indonesia: Deforestation, Will Agroforests Fall

Through the Cracks? ASB Partnership for the Tropical Forest Margins and the World Agroforestry Centre, Bogor, Indonesia.

20. Van Noordwijk, M., Dewi, S., Swallow, B., Purnomo, H. and Murdiyarso, D., 2007. Avoided Deforestation with Sustainable Benefits in Indonesia: Deforestation, Will Agroforests Fall Through the Cracks? ASB Partnership for the Tropical Forest Margins and the World Agroforestry Centre, Bogor, Indonesia.
19. Van Noordwijk, M., Dewi, S., Swallow, B., Purnomo, H. and Murdiyarso, D., 2007. Avoided Deforestation with Sustainable Benefits in Indonesia: Efficient, sustainable and fair, Can REDD be all three? ASB Partnership for the Tropical Forest Margins and the World Agroforestry Centre, Bogor, Indonesia.
18. Van Noordwijk, M., Dewi, S., Swallow, B., Purnomo, H. and Murdiyarso, D., 2007. Avoided Deforestation with Sustainable Benefits in Indonesia: Avoiding or Reducing Emissions at the Tropical Forest Margins, urgent, cost-effective, but not easy. ASB Partnership for the Tropical Forest Margins and the World Agroforestry Centre, Bogor, Indonesia.
17. Van Noordwijk, M., Swallow, B. and Verchot, L. 2007. Avoided Deforestation with Sustainable Benefits: A Simple Way to Reduce Emissions from Deforestation and Degradation. World Agroforestry Centre and ASB Partnership for the Tropical Forest Margins: Nairobi, Kenya.
16. Swallow, B. and Rumley, R. 2006. Rooting Policy in Science. The Difference a Tree Can Make Synthesis Document 3. World Agroforestry Centre: Nairobi, Kenya. ONLINE.
15. Swallow, B. and Ocholla, S. 2006. Agroforestry, Health and Nutrition. In *IFPRI 2020 Vision Brief: Understanding the Links between Agriculture and Health.* Focus 13: Brief 11 of 16. ONLINE.
14. Swallow, B., 2005/2006. Forests, Flowers or flamingos: What Drives the Water Balances of Lake Nakuru, Kenya? *ETFRN NEWS 45/46:* Forests, Water and Livelihoods. European Tropical Forest Research Network, c/o The Tropenbos Foundation, Wageningen, The Netherlands. ONLINE.
13. Kerr, J., Meinzen-Dick, R., Pender, J., Swallow, B. and van Noordwijk, M. 2005. Property Rights, Environmental Services and Poverty in Indonesia. *BASIS Brief*. No. 29. Department of Agricultural and Applied Economics, University of Wisconsin-Madison. ONLINE.
12. Swallow, B., Johnson, N., Knox, A. and Meinzen-Dick, R. 2004. Collective Action and Property Rights for Sustainable Development: Property Rights and Collective Action in Watersheds. *IFPRI 2020 Vision* Focus 11: Brief 12 of 16. IFPRI: Washington, DC. ONLINE.
11. Knox, A., Swallow, B.M. and Johnson, N. 2001. Conceptual and Methodological Lessons for Improving Watershed Management and Research. *CAPRI Policy Brief* 3, Washington DC: IFPRI. ONLINE.
10. Place, F. and Swallow, B.M. 2000. Tenure and Management of Tree Resources in Eastern and Southern Africa: Problems, Evidence and Implications for Policy. *BASIS Policy Brief* No.3. Land Tenure Centre, University of Wisconsin. ONLINE.
9. Swallow, B.M. and Bromley, D.W. 1998. Institutions, Governance and Incentives in Common Property Regimes for African Rangelands. *ILRI-LPA Brief. No. 1*. Nairobi (Kenya): ILRI. ONLINE.
8. Rowlands, G.J., Swallow, B.M., Kristjanson, P.M., Leak, S.G.A. and Mulatu, W. 1997. Sustainability and Economic Benefits of Tsetse Control Using an Insecticide Pour-On Applied to Cattle in Southwest Ethiopia. *Epidemiologie et Sante Animale*. No. 31/32. p. 02.A.19.
7. Swallow, B.M. 1995. Cypermethrin Trial in Ethiopia. *Trypnews* (IICA). Vol.2, No-3, p. 6.
6. Swallow, B.M. 1995. Tsetse: Ethiopian Success. *African Farming.* July / August, p. 21.
5. Swallow, B.M. 1995. Research for Farmers, with Farmers. *SPORE*: Bi-monthly Bulletin of the Technical Centre for Agriculture and Rural Cooperation. No. 57, June. p. 12.
4. Swallow, B.M. 1994. The Role of Mobility within the Risk Management Strategies of Pastoralists and Agro-pastoralists. *Gatekeeper Series* SA47. International Institute for Environment and Development: London, England. ONLINE.
3. Reid, R.S., Wilson, C.J., Kruska, R.L. and Swallow, B.M. 1994. Ecological consequences of controlling a livestock disease: changes in land-use and vegetative cover in Ethiopia. *Bulletin of the Ecological Society of America*. v. 75(2): p.190.

2. Swallow, B.M. 1987. Cattle Marketing, Livestock Development, and Range Utilization in Lesotho. *Splash: Newsletter for the SADCC Soil and Water Conservation and Land Utilization Programme* 3(2): 10-1 1.
1. Swallow, B.M. and Brokken, R.F. 1987. Cattle Marketing Policy in Lesotho. *African Livestock Policy Analysis Network* No. 14.

Working Papers and Research Reports (names of students underlined):

57. Swallow, K.A. and Swallow, B.M., 2015. Explicitly integrating institutions into bioeconomic modelling. IFPRI Discussion Paper 01420. IFPRI, Washington, DC.
56. Kaczan D., Swallow B., Adamowicz W.L. (Vic), Vihemäki H. 2012. Designing an incentive programme to reduce on-farm deforestation in the East Usambara Mountains, Tanzania. ICRAF Working Paper no 145. Nairobi. World Agroforestry Centre. 74 pages. DOI: http://dx.doi.org/10.5716/WP12048.pdf.
55. Pattison, J.K. and Swallow, B.M., 2011. Post-Secondary Educational Programs in Food Safety – Environmental Scan. Report prepared for the National Forum on Food Safety Policy and Practice.
54. Lawry, S., McLain, R., Swallow, B.M., and Biedenweg, K., 2012. Devolution of Forest Rights and Sustainable Forest Management, Volume 2: Case Studies. Property Rights and Resource Governance Project (PRRGP). USAID, Washington, DC. {http://usaidlandtenure.net/sites/default/files/USAID_Land_Tenure_Devolution_of_Forest_Rights_and_Sustainable_Forest_Management_Volume_2.pdf}
53. Lawry, S., McLain, R., Swallow, B.M., and Biedenweg, K., 2012. Devolution of Forest Rights and Sustainable Forest Management, Volume 1: A Review of Policies and Programs in 16 Developing Countries. USAID Property Rights and Resource Governance Project (PRRGP). USAID, Washington, DC. {http://usaidlandtenure.net/sites/default/files/USAID_Land_Tenure_Devolution_of_Forest_Rights_and_Sustainable_Forest_Management_Volume_1.pdf}.
52. Matthews, B., Swallow, B., van_Noordwijk, M., Milne, E., Minang, P., Bakam, I., Brewer, M., Muhammed, S., Poggio, K., Glenk, K., Fiorini, S., Dewi, S., Xu,J., Velarde, S. 2010. *Development and application of methodologies for reduced emissions from deforestation and forest degradation (REDD) – Phase I.* Final Report. Macaulay Land Use Research Institute, Aberdeen, UK and World Agroforestry Centre, Nairobi, Kenya.
51. White, D. Akong Minang, P.A., Agus, F., Borner, J., Hairiah, K., Gockowski, J., Hyman, G., Robiglia, V., Swallow, B., Velarde, S., and van Noordwijk, M. 2010. Estimating the opportunity costs of REDD+ -A training manual. World Bank.
50. Swallow B, Sang J, Nyabenge M, Bondotich D, Yatich T, Duraiappah A, Yashiro, M. 2008. Tradeoffs among ecosystem services in the Lake Victoria Basin. ICRAF Working Paper 69. Nairobi: World Agroforestry Centre.
49. Arifin B, Swallow B, Suyanto, Coe R. 2008. A Conjoint Analysis of Farmer Preferences for Community forestry Contracts in the Sumber Jaya Watershed, Indonesia. ICRAF Working Paper 63. Nairobi: World Agroforestry Centre.
48. Di Gregorio, Monica, Hagedorn, Konrad, Kirk, Michael, Korf, Benedikt, McCarthy, Nancy, Meinzen-Dick, Ruth, and Brent Swallow. 2008. "Property Rights, Collective Action, and Poverty: The Role of Institutions for Poverty Reduction." CGIAR System-wide Program on Property Rights and Collective Action, CAPRI Working Paper No. 81. International Food Policy Research Institute, Washington, DC.
47. Tomomatsu, Y. and Swallow, B., 2007. Jatropha Curcas Biodiesel Production in Kenya: Economics and Potential Value Chain Development for Smallholder Farmers. ICRAF Working Paper No. 54. Nairobi: World Agroforestry Centre.
46. Swallow, B., van Noordwijk, M., Dewi, S., Murdiyarso, D., White, D., Gockowski, J., Hyman, G., Budidarsono, S., Robiglio, V., Meadu, V., Ekadinata, A., Agus, F., Hairiah, K., Mbile, P., Sonwa, D.J., and Weise, S., 2007. *Opportunities for Avoided Deforestation with Sustainable Benefits: An interim report of the ASB partnership for the Tropical Forest Margins.* Nairobi, Kenya.

45. Swallow, B., Kallesoe, M., Iftikhar, U., van Noordwijk, M., Bracer, C., Scherr, S., Raju, K.V., Poats, S., Duraiappah, A., Ochieng, B., Mallee, H. and Rumley, R. 2007. *Compensation and Rewards for Environmental Services in the Developing World: Framing Pan-Tropical Analysis and Comparison.* ICRAF Working Paper No. 32. Nairobi: World Agroforestry Centre.
44. Iftikhar, U.A., Kallesoe, M., Duraiappah, A., Sriskanthan, G., Poats, S.V. and Swallow, B. 2007. *Exploring the Inter-linkages Among and Between Compensation and Rewards for Ecosystem Services (CRES) and Human Well-Being.* ICRAF Working Paper No. 36. Nairobi: World Agroforestry Centre.
43. van Noordwijk, M., Leimona, B., Emerton, L., Tomich, T.P., Velarde, S.J., Kallesoe, M., Sekher, M. and Swallow, B. 2007. *Criteria and Indicators for Environmental Service Compensation and Reward Mechanisms: Realistic, Voluntary, Conditional and Pro-poor.* ICRAF Working Paper No. 37. Nairobi: World Agroforestry Centre.
42. Swallow, B., Leimona, B., Yatich, T., Velarde, S.J., and Puttaswamaiah, S. 2007. *The Conditions for Effective Mechanisms of Compensation and Rewards for Environmental Services.* ICRAF Working Paper No. 38. Nairobi: World Agroforestry Centre.
41. World Agroforestry Centre, 2006*. Improved Land Management in the Lake Victoria Basin: Final Report of the TransVic Project.* World Agroforerstry Centre Occasional Paper No. 7. World Agroforestry Centre, Nairobi, Kenya. (Report compiled and edited by B Swallow.) ONLINE.
40. Jindal, R., Swallow, B. and Kerr, J. 2006. *Status of Carbon Sequestration Projects in Africa: Potential Benefits and Challenges to Scaling Up.* The World Agroforestry Centre Working Paper No. 35. World Agroforestry Centre: Nairobi, Kenya. ONLINE.
39. Were, E., Swallow, B. and Roy, J. 2006. *Water, Women and Local Social Organization in the Western Kenya Highlands.* CAPRI Working Paper No. 51. Washington DC: IFPRI. ONLINE.
38. Mwangi, E. and Swallow, B. 2005. *Invasion of Prosopis Juliflora and Local Livelihoods: Case Study from the Lake Baringo Area of Kenya.* The World Agroforestry Centre Working Paper No. 3. World Agroforestry Centre: Nairobi, Kenya. ONLINE.
37. Swallow, B., Meinzen-Dick, R. and van Noordwijk, M. 2005. *Localizing Demand and Supply of Environmental Services: Interactions with Property Rights, Collective Action and the Welfare of the poor.* CAPRi Working Paper No. 42. Collective Action and Property Rights Initiative, International Food Policy Research Institute: Washington DC. ONLINE.
36. Swallow, B.M., Thangata, P.H., Rao, S.N. and Kwesiga, F. (eds). 2005. *Proceedings of the Workshop on Agroforestry Responses to HIV/AIDS in East and Southern Africa,* 15-16 December 2003. The World Agroforerstry Centre Occasional Paper No. 1. World Agroforestry Centre: Nairobi, Kenya. ONLINE.
35. Mungai, D., Swallow, B., Mburu, J., Onyango, L. and Njui, A. (eds). 2004. *Proceedings of a Workshop on Reversing Environmental and Agricultural Decline in the Nyando River Basin*, December 9 – 11, 2002, Imperial Hotel, Kisumu, Kenya. ONLINE.
34. Swallow, B., Onyango, L. and Roy, J. (eds). 2004. *Proceedings of a Workshop on Integration of Research, Planning and Environmental Management in the Nyando River Basin*, Tea Hotel, Kericho, Kenya, September 17, 2003.
33. Gichimo, R.;Mango, N.;Muhia, N.;Swallow, B. 2003. Proceedings of the workshop on voices of poor livestock keepers in Bondo district held at Switel Hotel, Bondo, Kenya 22nd January 2003 Nairobi, Kenya : ICRAF, 21p.
32. Gichimo, R.;Mango, N.;Muhia, N.;Swallow, B. 2003. Proceedings of the workshop on voices of poor livestock keepers in Migori district held at Gilly Hotel, Migori, Kenya 12th February 2003 Nairobi, Kenya : ICRAF, 21p.
31. Gichimo, R.;Mango, N.;Muhia, N.;Swallow, B. 2003 Proceedings of the workshop on voices of poor livestock keepers in Vihiga district district information documentation centre, Vihiga, Kenya 17th December 2002. Nairobi, Kenya : ICRAF, 24p.
30. Kamara, A., Swallow, B. and Kirk, M. 2002. *Role Of Policies and Development Interventions in Pastoral Resource Management: The Borana Rangelands in Southern Ethiopia.* ILRI Socio-Economics and Policy Research Working Paper No. 53. ILRI: Nairobi (Kenya): ILRI, 42pp. ONLINE.
29. Swallow, B.M., Walsh, M., Nyantika, D., Muriithi, S., Noordin, Q., Ong, C., Shepherd, K., Place, F., Awiti, A., Hai, M., Ochieng, O., Cohen, M., Mugo, F., Oyasi, S., Omuto, C., Cohen, L. and Okono,

A. 2002*. Improved Land Management in the Lake Victoria Basin: Annual Technical Report July 2001 to June 2002.* Working Paper 2002-2. Natural Resource Problems, Priorities and Policies Programme, International Centre for Research in Agroforestry.

28. Swallow, B.M., Walsh, M., Mugo, F., Ong, C., Shepherd, K., Place, F., Awiti, A., Hai, M., Ombalo, D., Ochieng, O., Mwarasomba, L., Muhia, N., Nyantika, D., Cohen, M., Mungai, D., Wangila, J., Mbote, F., Kiara, J. and Eriksson, A. 2001. *Improved Land Management in the Lake Victoria Basin: Annual Technical Report July 2000 to June 2001.* Working Paper 2001-4. Natural Resource Problems, Priorities and Policies Programme, International Centre for Research in Agroforestry.
27. Swallow, B.M., Garrity, D.P and van Noordwijk, M. 2001. *The Effects of Scales, Flows and Filters on Property Rights and Collective Action in Watershed Management.* CAPRi Working Paper No.16. Washington DC: IFPRI. 2001. ONLINE.
26. Swallow, B.M. 2000*. Strategic Plan for the Natural Resource Problems, Priorities and Policies Programme: 2000-2010.* Discussion Paper 2000-1. Natural Resource Problems, Priorities and Policies Programme, International Centre for Research in Agroforestry.
25. Wangila, J.and Swallow, B.M. (eds). 2001*. Design Principles for Land and Watershed Management in Western Kenya.* Discussion Paper 2001-4. Natural Resource Problems, Priorities and Policies Programme, International Centre for Research in Agroforestry.
24. Swallow, B.M., Wangila, J. Woudyalew Mulatu, Okello, O. and McCarthy N., 2000. *Collective Action in Space: Assessing how Collective Action Varies Across an African Landscape.* CAPRi Working Paper No.5. Washington DC: IFPRI. ONLINE.
23 . Swallow, B. 2000. *The Impacts of Trypanosomiasis on African Agriculture*. FAO: PAAT Technical and Scientific Series, Volume 2, Rome. ONLINE.
22. Place, F. and B. Swallow. 2000. *Assessing the Relationships Between Property Rights and Technology Adoption in Smallholder Agriculture: A Review of Issues and Empirical Methods.* CAPRi Working Paper No. 2. Washington DC: IFPRI. ONLINE.
21. Kristjanson, P.; Rowlands J.; Swallow, B.; Kruska, R.; de Leeuw, P. and Nagda, S., 1999. Using the Economic Surplus Model to Measure Potential Returns to International Livestock Research. The case of trypanosomosis vaccine research. Nairobi, ILRI.
20. Jabbar, M.A., Swallow, B.M., d'Ieteren, G.D.M. and Buasi, A. 1999. *Farmer preferences and market values of cattle breeds of West and Central Africa.* Socioeconomic and Policy Research Working Paper No. 21. ILRI: Addis Ababa and Nairobi.
19. Swallow, B.M., Meinzen-Dick, R., Jackson, L.A. Williams, T.O. and White, T.A. 1997. *Multiple Functions of Common Property Regimes*. IFPRI Environment and Production Technology Workshop Summary Paper 5. Washington, DC: IFPRI. ONLINE.
18. Jabbar, M.A., Swallow, B.M., D'Ieteren, G.D.M. and Busari, A.A. 1997. Farmer preferences and market values of cattle breeds of West and Central Africa. ILRI Socio-Economics and Policy Research Working Paper. no. 21. 21p. ILRI: Addis Ababa (Ethiopia). ONLINE.
17. Kristjanson, P., Rowlands, J., Swallow, B., Kruska, R., Leeuw, P. de, and Nagda, S.1999. Using the economic surplus model to measure potential returns to international livestock research. The case of trypanosomosis vaccine research. ILRI Impact Assessment Series No.4. ILRI: Nairobi (Kenya). ONLINE.
16. Kamara, D.W., Echessah, P.N., Swallow, B.M. and Curry, J.J. 1994. *Assessment of the Socio-Economic Factors Affecting implementation of Community-based Tsetse Control in Busia, Kenya*. KETRI Publications No. 51. Kenya Trypanosomiasis Research Institute: Kikuyu, Kenya.
15. Swallow, B.M. (ed.) ILCA, Addis Ababa (Ethiopia). 1994. Evaluating the relationships between property rights, risk, technology and productivity in sub-Saharan Africa. Proceedings of a workshop. ILCA Socio-Economics and Policy Research Working Document. no. 18. 53p. Addis Ababa (Ethiopia): ILCA.
14. Swallow, B. 1993. Environmental issues and ILCA research agenda. Ehui, S. (ed.); Lipner, M.E. (ed.). ILCA, Addis Ababa (Ethiopia). Livestock and resource management policy. Issues and priorities for research. Proceedings of the research planning workshop. p. 127-138.
13. Swallow, B.M. 1992. Potential Economic Impacts. In *Potential for Impact: ILCA Looks to the Future*. ILCA: Addis Ababa, Ethiopia, pp. 27-44.

12. Lipner, M. and Swallow, B.M. 1992. General Issues in Impact Assessment. In *Potential for Impact: ILCA Looks to the Future.* ILCA: Addis Ababa, Ethiopia, pp. 1-10.
11. Swallow, B.M. 1991. *Selected Bibliography of Gambian Agricultural Development: Phase 2.* Banjul, The Gambia Agricultural Research & Diversification Project.
10. Swallow, B.M. 1990. *Strategies and Tenure in African Livestock Development*. LTC Paper No. 140. Land Tenure Center, University of Wisconsin: Madison, Wisconsin.
9. Mochebelele, M.T., Mokitimi, N.L., Ngqaleni, M.T., Storey, G.G. and Swallow, B.M. 1988. *Agricultural Marketing in Lesotho*. International Development Research Centre: Ottawa, Canada.
8. Swallow, B.M., Brokken, R.F., Motsamai, M., Sopeng, L. and Storey, G.G. 1987. *Livestock Development and Range Utilization in Lesotho.* Institute of Southern African Studies No. 18. National University of Lesotho.
7. Swallow, B.M., Motsamai, M., Sopeng, L., Brokken, R.F. and Storey, G.G. 1987. *A Survey of the Production, Utilization and Marketing of Livestock and Livestock Products in Lesotho*. Institute of Southern African Studies Research Report No. 17. National University of Lesotho.
6. Swallow, B.M., Mokitimi, N. and Brokken, R.F. 1986. *Cattle Marketing in Lesotho.* Institute of Southern African Studies Research Report No. 13. National University of Lesotho.
5. Brokken, R.F., Swallow, B.M., Motsamai, M. and Mpemi, M. 1986. *Marketing Grains, Pulses and Vegetables in Lesotho*. Institute of Southern African Studies Research Report No.12. National University of Lesotho.
4. Swallow, B.M. and Mpemi, M. 1986. *The Marketing System for Fresh Vegetables in Lesotho*. Institute of Southern African Studies Report No. 10. National University of Lesotho.
3. Swallow, B.M. 1993. Environmental Issues and ILCA Research Agenda. In S. Ehui and M. Lipner (eds). *Livestock and Resource Management Policy: Issues and Priorities for Research*. Proceedings of the ILCA Planning Workshop on Livestock and Resource Management Policy, Addis Ababa, Ethiopia, ILCA, 24-27 February 1992, pp. 127-137.
2. Swallow, B.M. 1986. Conference Summary and Wrap-up. *Proceedings of Hides and Skins Marketing Symposium*, Maseru, Lesotho.
1. Swallow, B.M. 1986. Historical Analysis of Hides and Skins Marketing in Lesotho. *Proceedings of Hides and Skins Marketing Symposium*, Maseru, Lesotho.

Invited Presentations (* indicates presenter, underline indicates student):

44. Swallow, B.*, Qiu, F., Wang, H. and Wang, Q. 2016. Research on the Multiple Values of Farmland in Alberta. Land Use 2016. Biannual Conference of the Alberta Land Institute, May 4-5, 2016, Westin, Edmonton, Alberta.
43. Swallow, B.* and Swallow, K. 2015. Land and Natural Resources in Economic and Rural Transformation. International Fund for Agricultural Development, Rome, Italy, 29 June 2015.
42. Jeffrey, S.*, Goddard, T. and Swallow, B. 2013. An Overview of Agricultural Carbon Offset Trading in Alberta, Canada. Paper presented at the Australian Agricultural and Resource Economics Society conference. Darling Harbour, Sydney, Australia, 5-8 February 2013.
41. Swallow, B.,* Understanding the Policy Terrain for Research on Institutions for Inclusive Climate-Smart Agriculture. Invited Keynote Presentation at the CAPRi / CCAFS Workshop on Institutions for Inclusive Climate-Smart Agriculture Nairobi, Kenya September 10-13, 2012.
40. Rantala, S., and Swallow, B.* 2012. Who gains and who loses from compensated displacement from protected areas? Invited Presentation, MS Swaminathan Research Foundation Rio+20 Consultation on biodiversity and livelihoods, Chennai, India, 14-16 February 2012.
39. Lawry, S.*, McLain, R., Swallow, B. and Biedenweg, K., 2011. Devolution of Forest Rights and Sustainable Forest Management: A Review of Policies and Programs in 16 Developing Countries. Presented at USAID's Land Tenure and Property Rights Unit's "Research and

Analysis of Carbon Rights and Institutional Mechanisms for Receiving and Distributing REDD+ Payments" workshop. USAID, Washington, D.C.

38. Goddard, T.W.*, Swallow, B. and Schmidt, C., 2011. Development of policies and institutions for agricultural offsets within the Alberta Greenhouse Gas Offset System. Paper presented at the Joint Agricultural and Applied Economics Association / Northeastern Agricultural and Resource Economics Association Annual Meeting, Pittsburgh, Pennsylvania, July 25, 2011.
37. Goddard,T.W.*, Swallow, B.M., Ridge, A., 2011. Agricultural Greenhouse Gas Offset System Experiences. Paper presented at the Soil and Water Conservation Society meetings in Washington DC. July 18, 2011.
36. Kaczan, D.*, Swallow, B.M., and Adamowicz, W.L., 2011. Payment for Ecosystem Services Scheme Design in Rural Tanzania: Famers Preferences for Enforcement and Payment Options. Paper presented at the Canadian Agricultural Economics Society meetings, Banff, Alberta, June 30, 2011 and the Agricultural and Applied Economics Meeting, Pittsburgh, Pennsylvania, July 24-26, 2011.
35. Thompson, Y.*, Swallow, B.M., and Luckert, M., 2011. Smallholders' WTA compensation for REDD in Cameroon. Paper presented at the Joint Agricultural and Applied Economics Association / Northeastern Agricultural and Resource Economics Association Annual Meeting, Pittsburgh, Pennsylvania, July 25, 2011.
34. Swallow, B.M.*, 2010. "The Institutions of land-based carbon credits: reflections from Africa and Alberta." Invited Paper presented at the Expert Convening on Soil Carbon, Carbon Sequestration and Carbon Credits. Bill & Melinda Gates Foundation, Seattle, USA, June 8&9, 2010.
33. Swallow, B.M.,* 2008. "Introduction to High Carbon Rural Development and Possible Links to Carbon Finance," Invited presentation at the ICRAF / ASB Side Event on REDD Strategies for High Carbon Rural Development, UNFCCC Conference of the Parties, Poznan, Poland, 5 December 2008.
32. Swallow, B.M.,* 2008. "Financial incentives to combat climate change and benefit the rural poor," Invited presentation at the IFAD / FAO Side Event on Climate Change Mitigation Potential of Agriculture, UNFCCC Conference of the Parties, Poznan, Poland, 3 December 2008.
31. Swallow, B.M.,* 2008. "Multi-attribute evaluation of land / forest use in the tropical forest margins," Invited presentation at the Seminar on Forest programs for mitigating climate change, and poverty: Drawing lessons from evaluation," Norwegian Ministry of Environment and the World Bank, Oslo, Norway, 29 September 2008.
30. Swallow, B.M.*, 2008. "Assessment Tools for Negotiation Support and Rewards for Environmental Services," Invited presentation at the Katoomba Private Meeting, Morogoro, Tanzania, September 18, 2008.
29. Swallow, B.M.*, 2010. "Institutions, behavior and payments for biocarbon sequestration services: comparison of Africa and Alberta." Invited Paper presented at the Forum on Social Dimensions of Market-Based Environmental Incentives. Charles Darwin University, Darwin, Australia, 18-19 November 2010.
28. Swallow, B.M.* 2008. "Avoided Deforestation with Sustainable Benefits: Challenges for Tanzania," Invited Presentation at the Katoomba Group Public Meeting, Dar es Salaam, Tanzania, Sept 16, 2008.
27. Swallow, B.M. 2008. "Global Overview of Biodiversity Markets, Payments, & Offsets," An Introduction to Markets & Payments for Ecosystem Services. Invited Presentation at A Pre-Conference Meeting for USAID & Partners. White Sands Hotel, Dar-es-Salaam, Tanzania, September 15, 2008.
26. Swallow, B.M., 2008. "Opportunity Costs of Carbon Emissions from Land use Change in the Tropical Forest Margins," Invited presentation at the workshop on the Costs of Reducing Carbon Emissions from Deforestation and Forest Degradation, The World Bank, Washington, DC, May 2008.
25. Swallow, B.M., 2008. "Avoided Deforestation with Sustainable Benefits.", Invited Presentation at the Reddiness Forum Planning Meeting, Washington DC, convened by Woods Hole Research Centre, UNDP and UNEP, May 2008.

24. Swallow, B.M., 2008. "Incentives for Sustaining Ecosystem Services in Multi-Functional Landscapes: a Pentagon of Research Questions for the World Agroforestry Centre." Invited presentation to Frontiers in Sustainable Development Speaker Series, Harvard Centre for International Development, Harvard University, May 2008.
23. Swallow, B.M., 2007. "Reduced Deforestation in Developing Countries as a Means for Combating Global Climate Change." Open seminar organized by the International Forest Policy Working Group, Finland Ministry of Foreign Affairs, Helsinki, Finland, February 2008.
22. Swallow, B.M., 2007. "Carbon Emission Abatement Costs from Reduced Deforestation: Introduction." ASB Side Event on Carbon Emission Abatement Costs from Reduced Deforestation. Forest Day. 13th meeting of the UNFCCC Conference of Parties, Bali, Indonesia, December 2007.
21. Swallow, B.M., 2007. "Opportunities for Avoided Deforestation with Sustainable Benefits." Invited seminar at the Department of Agricultural Economics, Michigan State University, November 2007.
20. Swallow, B.M., 2007. "Conditional Payments for Watershed Services in the Developing World: Hypotheses regarding effectiveness, efficiency, acceptability, sustainability and poverty." Invited seminar at the Department of Community, Agriculture, Recreation and Resource Studies, Michigan State University, November 2007.
19. Swallow, B.M., 2007. "Avoided Deforestation with Sustainable Benefits: A Simple Way to Reduce Carbon Emissions from Deforestation and Degradation (REDD)." IISD side event on Market Mechanisms for Sustainable Development: Achieving Benefits for Developing Countries post 2012. Meeting of the Subsidiary Bodies to the UNFCCC, Bonn, Germany, May 2007.
18. Swallow, B.M., 2007. "What are the Information and Institutional Requirements for Scaling up Known Adaptation Technologies?" Invited presentation at the World Bank Institute Side Event with the Least Developed Countries. Meeting of the Subsidiary Bodies to the UNFCCC, Bonn, Germany, May 2007.
17. Swallow, B.M., 2007. "Business and Ecosystem Management." Keynote Presentation at the Inaugural Meeting of the Ecological Society for East Africa. National Museums of Kenya. May 2007.
16. Swallow, B.M. 2007. "Pan-tropical scoping study of demand for watershed services." Invited Presentation at the Global Event on Payments / Rewards for Environmental Services, Lombok, Indonesia, January 2007.
15. Swallow, B.M., 2006. "Compensation and Rewards for Ecosystem Services: Issues, Trends and Perspectives from Latin America, Cross-regional Comparison." Presentation at the International Society for Ecological Economics Biannual meeting, Delhi, India, December 2006.
14. Swallow, B.M., 2006. "Tradeoffs and Synergies between Ecosystem Services, Agrobiodiversity and Agroforestry." Invited presentation at the African Regional Workshop on Sustainable Use of Biological Diversity, United Nations Office in Nairobi, December 2006.
13. Swallow, B.M., 2006. "Compensation and Rewards for Ecosystem Services in the Tropics: Interface Between Conservation, Poverty Reduction and Social Justice." Invited Presentation to International Symposium on Defying Nature's End: the African Context. Antananarivo, Madagascar, June 2006.
12. Swallow, B.M., 2006. "Pan Tropical Scoping Study of Compensation for Ecosystem Services: Interim Report to IDRC."Invited Presentation at the IDRC Rural Poverty and Environment Working Group. Bali, Indonesia, June 2006.
11. Swallow, B.M., 2005. "Rewarding the Upland Poor for Environmental Services." Presentation at the High Level Brainstorming Workshop on Creating Pro-Poor Markets for Ecosystem Services, UNEP and the London School of Economics, Senate House, LSE, Ocober 2005.
10. Swallow, B.M., 2005. "Transforming Women's Lives Through Collective Water Management In Kenya: An Enduring Legacy For Jessica Roy" Invited Presentation at the Centre For Global, International And Regional Studies, University Of California, Santa Cruz, May 18, 2005.
9. Swallow, B.M., 2004. "Forests, Water and Soil Conservation: the Role of Forests and Trees in Watershed Function and Soil Conservation," Invited Presentation to the Workshop on Forests and Forest Ecosystems: Promoting Synergy in the Implementation of the Three Rio

Conventions. Organized by UNCCD and CDB Secretariats, in cooperation with the UNFCCC Secretariat, 5-7 April, 2004, Viterbo, Italy.

8. Swallow, B.M., 2004. "Strategies and Policies for Enhancing Agroforestry and Environmental Security," Invited Keynote Address for the Agricultural and Forestry Sciences Section of the 91st Science Congress of the India Science Congress Association, January 3-7, 2004, Chandigarh, India.
7. Swallow, B.M., 2003. "Report on the Africa Regional Workshop on Preparing the Next Generation of Watershed Management Programmes," Invited Presentation to the International Conference on Integrated Watershed Management: Water Resources for the Future, Porto Cervo, Sassari, Sardinia, Italy, 22-24 October 2003.
6. Swallow, B.M., and Muhia, N., 2003. "Voices of the Poor': Report on Organisations Which Represent the Needs of the Poor in East Africa," Invited presentation to the 4th Interagency Meeting of Livestock Production and Animal Health Research, 26-27 March 2003, FAO, Rome.
5. Swallow, B.M., 2002. "Land Tenure and Dryland Agriculture: Tragedy and Opportunity," Invited Presentation at the workshop on agriculture in the drylands, Ubuntu Village, Johannesburg, World Summit on Sustainable Development, Friday August 30th, 2002.
4. Swallow, B.M., 1997. "The Impacts of Trypanosomosis on African Agriculture," Invited paper presented at the 24th Meeting of International Scientific Council for Trypanosomiasis Research and Control,Maputo, Mozambique, 29th September - 3rd October 1997. (Also presented at a meeting of the PAAT Programme Committee, November 19-21, Geneva, Switzerland.)
3. Swallow, B.M., 1995. "Towards Incentive-Compatible Mechanisms for Enhanced Carbon Storage in the African drylands." Commissioned paper presented at the International Workshop on Combatting Global Warming by Combatting Land Degradation, UNEP, Nairobi, Kenya, 4-8 September 1995.
2. Swallow, B.M., 1993. "The Risks, Strategies and Institutions that Affect Mobility as a Management Concept in African Rangeland Management." Invited paper presented at the Workshop on New Directions in African Range Management and Policy, Woburn, England, 31 May-4 June 1993.
1. Storey, G.,G.and Swallow, B.M., 1993. "An Institutional Approach to Analysis of Agricultural Markets in Less Developed Countries: Application to Cattle, Wool and Mohair Markets in Lesotho." Invited paper presented at the Workshop on Methods for Agricultural Marketing Research in Developing Countries, New Delhi, India, 16-20 March 1993.

Other Scholarly Presentations:

56. Montenegro, M.J.,* Mohapatra, S. and Swallow, B.M., Land Rights and Women's Empowerment: Insights from Item Response Theory. Annual meeting of the Agricultural and Applied Economics Association, Boston, MA, August 2, 2016.
55. Swallow, B.M.,* Health, the SDGs and the geography of food security. Lecture to the Edmonton Lifelong Learners Association class on global health.65 people, 3 May 2016.
54. Johny, J.*, Wichmann, B., and Swallow, B., 2014. "Role of social networks in diversification of income sources in rural India," Paper presented at Dialogue on International Food Security, University of Alberta, May 1, 2014, Annual meeting of the Canadian Agricultural Economics Society, Vancouver, BC, June 1, 2014 and Annual meeting of the Agricultural and Applied Economics Association, Minneapolis, MN, 27 July 2014.
53. Breitkreuz, R.*, N. Brady, C.J. Stanton, J. Pattison and B. Swallow, "Land ownership as a social determinant of health and well-being in rural India." Dialogue on International Food Security, University of Alberta, May 1, 2014. (same as above)
52. Wang, H.*, F. Qiu, & B. Swallow. Can Community Gardens and Farmers Markets Relieve Food Desert Problems? A Study of Edmonton, Canada? Presented at the Food Desert Mapping - Methods and Implications Workshop, Edmonton, 12 September 2014.

51. Bacon, E. and Swallow, B., 2014. Shopping: Edmonton as desert or land of plenty? Presented at the Food Desert Mapping - Methods and Implications Workshop, Edmonton, 12 September 2014.
50. Swallow, B.*, Abu-Basutu, K., Shackleton, C., and Dassanayake, W., 2013. Impacts of Gender, Climate and HIV / AIDS on Dietary Intake and Consumption of Wild Foods in Eastern Cape Province, South Africa. Joint meetings of the AAEA and CAES, Washington, D.C., Aug 4, 2013.
49. Abu-Basutu, Keitometsi Ngulube, Swallow, Brent M.*, and Shackleton, Charlie. 2013. The contribution of wild foods to food security in the context of HIV / AIDS and climate change. Paper presented at the Global Food and Nutrition Security Linking Agriculture, Nutrition and Health Conference 2013. University of Saskatchewan, Saskatoon, Saskatchewan, February 6-8.
48. Swallow, B. and Goddard, T.*, 2012. Five years' experience of agriculture in the Alberta greenhouse gas offset system – policy development and performance. Poster presentation at the Conference on Growing the Bioeconomy: Social, Environmental and Economic Implications. Banff, Alberta, Canada, October 2-5, 2012.
47. Swallow, B.* and Nordstrom, O., 2012. A study of the attitudes and awareness to carbon offset protocols in Alberta's agricultural community. Paper presented at the Linking Environment and Agriculture Research Network Meeting. Edmonton, Alberta, 24-25 May 2012.
46. Kaczan, D.*, Swallow, B., Adamowicz, V. and Catacutan, D. 2010 Deforestation in Tanzania s East Usambaras: sticks, carrots, and the crowding out effect. Presentation at the World Agroforestry Centre, Nairobi, Kenya, 2010.
45. Swallow, B.M.* and Dassanayake, W., 2010. "Dynamics and Determinants of Chronic Poverty in Western Kenya: Starting Point, Location and Diversification." Paper presented at the International Conference on Ten Years of the War on Poverty. Chronic Poverty Research Centre, Manchester, UK, 8-10 September 2010.
44. Matthews, R.*, Swallow, B, van Noordwijk, M., Gupta, J., Lambin, E., Veldkamp, E. and Verchot, L., 2009. REDD-ALERT: Evaluating global-level climate policy options and their local level implementation. Paper presented at the conference on Climate Change: Global Risks, Challenges and Decisions, 10–12 March 2009, Copenhagen, Denmark. 2009 IOP Conf. Ser.: Earth Environ. Sci. 6 252024. (http://iopscience.iop.org/1755-1315/6/25/252024)
43. Yatich, T.,* Kalinganire, A., Alinon, K., Weber, J.C. and Swallow, B. 2009 Moving beyond forestry laws in Sahelian countries: bridging disconnects between legislative provisions and native tree use, access and management. Paper presented at the World Agroforestry Congress, Nairobi, Kenya, 23-28 Aug 2009.
42. Rantala, S.,* Kitalyi, A., Lyimo, E., Swallow, B. and Doggart, N. 2008. Integrating livelihoods and multiple biodiversity values in landscape mosaics: from knowledge to action. Paper presented at the conference on "From Knowledge to Action. National Science, Technology and Innovates Conference, 5-8 November.
41. Swallow, B.M.*, Sang, J., Nyabenge, M., Bondotich, D., Yatich, T., Duraiappah, A., and Yashiro, M. 2008. "Tradeoffs Among Ecosystem Services and Food Security in the Lake Victoria basin." International Conference on Food Security and Environmental Change. Oxford University, April 2008.
40. Swallow, B.M.*, 2006."Rooting Policy in Science." Presentation at a side event on "The Difference a Tree Can Make." Stockholm World Water Week, Stockholm, Sweden, August 2006.
39. Swallow, B.M.*, 2006. "Water, Tree and Soil Interactions in Tropical Watersheds." Presentation at the Stockholm World Water Week, Stockholm, Sweden, August 2006.
38. Swallow, B.M., 2006. "Opportunities for Fostering Inclusive Multi-Scale Collective Action for Watershed Management in the Nyando River Basin, Kenya." Presentation at the Stockholm World Water Week, Stockholm, Sweden, August 2006.
37. Swallow, B.M.* and Mwangi, E., 2005. "Invasion of *Prosopis Juliflora* and Local Livelihoods: Case Study from the Lake Baringo Area of Kenya." Presentation at a workshop on the Effects of

Invasive Species on Human Livelihoods, Especially the Rural Poor. Global Invasive Species Programme. Cape Town, South Africa, September 2005 (with E. Mwangi).

36. Swallow, B.M., Onyango, S., and Mukoya-Wangia, 2005. "Effects of HIV/AIDS-Related Illness and Deaths on Agricultural Production in The Nyando River Basin of Western Kenya." Paper presented at the International Conference on HiV/AIDS and Food and Nutritional Security, Durban, South Africa, 14-16 April 2005.
35. Swallow, B.M.,* 2005. "Tradeoffs in the Design of Environmental Service Mechanisms: A Conjoint Analysis Study in Lampung, Indonesia," Presentation to a Training Workshop at the University of Lampung, Bandar Lampung, Sumatra, Indonesia, 17-18 March 2005.
34. Swallow, B.M.* and Onyango, L., 2005. "Dynamics of Poverty, Livelihoods and Property Rights in The Lower Nyando Basin of Kenya," International Workshop On 'African Water Laws: Plural Legislative Frameworks for Rural Water Management in Africa', 26-28 January 2005, Gauteng, South Africa (www.nri.org/waterlaw/workshop).
33. Swallow, B.M.* and Meinzen-Dick, R., 2004. "Payments for Environmental Services: Collective Action to Create New Property Rights for Smallholders." Paper presented at the International Association for the Study of Common Property Biennial Meeting, Oaxaca, Mexico, 9-13 August, 2004.
32. Swallow, B.M.*, 2003. "Agroforestry and its Role in Mitigating the Impact of HIV/AIDS, Presentation to the Workshop on Agroforestry Responses to HIV / AIDS in East and Southern Africa, World Agroforestry Centre, Nairobi, Kenya, Dec 15-16, 2003.
31. Swallow, B.M.,* 2003. "Agroforestry and its Role in Mitigating the Impact of HIV/AIDS, Presentation to World Agroforestry and the Future: A conference on the occasion of the 25th anniversary of ICRAF, World Agroforestry Centre, Nairobi, Kenya, 1-5 November 2003.
30. Swallow, B.M.*, 2003. "Watershed Property Rights," Paper presented to the Africa Regional Workshop on Preparing the Next Generation of Watershed Management Programmes, ICRAF and FAO, Nairobi, Kenya, 8-10 October 2003.
29. Swallow, B.M.*, 2003. "ICRAF's Experience in Kenya: Results and Next Steps." Presentation to the Inter-institutional regional seminar on reversing agricultural and environmental decline in the Lake Victoria Basin, Kisumu, Kenya, Sept 21-23, 2003.
28. Swallow, B.M., 2003. "Fractal Poverty Traps: Implications for Poverty Reduction Strategies in Kenya." Invited Presentation at the conference on Reconciling Rural Poverty Reduction and Resource Conservation: Identifying Relationships and Remedies. Cornell University, May 2-3, 2003.
27. Swallow, B.M., 2003. "Improved Land Management in the Nyando Basin of Kenya," Presentation to the Third World Water Forum, Kyoto, Japan, March 2003.
26. Swallow, B.M., 2003. "Attending to Village-Level Poverty Traps in Poverty Reduction Strategies," Paper presented at the Conference on Rural Livelihoods and Poverty Reduction Policies, 13-14 January 2003, Nairobi, Kenya.
25. Barrett, C.B. and Swallow, B.M., 2003. "Fractal Poverty Traps." Paper presented at the Conference on Rural Livelihoods and Poverty Reduction Policies, 13-14 January 2003, Nairobi, Kenya.
24. Swallow, B.M., and Simons, T., 2003. "Designing Smallholder Agroforestry Projects for Sustainable Development and the CDM," Presentation for Forests and the Clean Development Mechanism in Africa, UNEP, January 22-24, 2003.
23. Swallow, B.M., and Wangila, J. 2002. "Land Degradation, Investment, Information and Incentives in Kenya's Lake Victoria Basin," Paper presented at the Regional Workshop on "Policies for Sustainable Land Management in the East African Highlands", Addis Ababa, Ethiopia, April 24-26, 2002.
22. Swallow, B.M., 2002. "Community Poverty Traps and Water Management in the Lake Victoria Basin," Paper presented at the Stockholm International Water Symposium, Stockholm, Sweden, August 11-17, 2002.
21. Swallow, B.M., 2002. "How Farmers, Researchers and Policy Makers Assess the Impacts of Improved Fallows in Eastern Zambia," Paper presented at the Southern African Agroforestry Conference, May 20-24th, 2002, Pretoria, South Africa.

20. McCarthy, N., and Swallow, B.M., 1999. “Managing the Natural Capital of African Rangelands: Rights, Risk and Responses,” Paper presented at the VI International Rangelands Congress, Townsville, Australia, July 19-23, 1999, pp. 1002-1007.
19. Swallow, B.M., Wangila, J., Tesfamichael, N., Okello, O., McCarthy, N., and Kruska, R. 1997. "Assessing Collective Action Using Spatial Household Data," Presentation at the International Workshop on Property Rights, Collective Action and Technology Adoption, Aleppo, Syria, November 22-25, 1997.
18. Swallow, B.M., 1997. "Employment Prospects in International Agricultural Research Organizations: the Case of ILRI, Presentation at the Annual meeting of the American Association of Agricultural Economics, Toronto, Canada, July 28-31, 1997.
17. Swallow, B.M., 1995. “The multiple products, functions and users of natural resource systems.” Swallow, B.M., Meinzen-Dick, R.S. (ed.); Jackson, L.A. (ed.); Williams, T.O. (ed.); White, T.A. (ed.). IFPRI, Washington, D.C. (USA). Environment and Production Technology Div.; CGIAR System-Wide Program on Property Rights and Collective Action. Multiple functions of common property regimes. Proceedings of a conference. 1995. EPTD Workshop Summary Paper (USA). no. 5. p. 6-31. Washington, D.C. (USA): IFPRI.
16. Swallow, B.M., Mulatu, W., Rowlands, G.J., Leak, S.G.A., d’Ieteren, G. and Nagda, S.M., 1997. "Economic Benefits to Farmers of Six Years of Application of an Insecticidal 'pour-on' to Control Tsetse in Ghibe, Southwest Ethiopia, " Paper presented at the 24th Meeting of International Scientific Council for Trypanosomiasis Research and Control, Maputo, Mozambique, 29th September - 3rd October 1997.
15. Swallow, B.M., 1997. "The Relevance of Douglass North's Theory of Institutional Change for Understanding Property Rights Change in Africa," Paper presented at the Annual meeting of the American Association of Agricultural Economics, Toronto, Canada, July 28-31, 1997.
14. Swallow, B.M., 1995. “Evaluating the willingness of Ghibe Valley (Ethiopia) residents to contribute time and money to a tsetse control programme using targets.” Sones, K.R. (ed.). OAU, Nairobi (Kenya). Scientific, Technical and Research Commission. Proceedings of the twenty second meeting of the International Scientific Council for Trypanosomiasis Research and Control. OAU/STRC Publication. no. 117. p. 282-292. Nairobi (Kenya): OAU.
13. Swallow, B.M., 1995. “Evaluation of pour-on by Ethiopian farmers.” Sones, K.R. (ed.). OAU, Nairobi (Kenya). Scientific, Technical and Research Commission. Proceedings of the twenty second meeting of the International Scientific Council for Trypanosomiasis Research and Control. OAU/STRC Publication. no. 117. p. 309. Nairobi (Kenya): OAU.
12. Swallow, B.M., and Meinzen-Dick, R., 1994. "Multiple Functions of Common Property Regimes," In B.M. Swallow, R. S. Meinzen-Dick, L.A. Jackson, T.O. Williams and T. A. White, Multiple Functions of Common Property Regimes, EPTD Workshop Summary Paper No. 5. International Food Policy Research Institute: Washington D. C., pp. 1-5.
11. Swallow, B.M., Ehui, S., and Williams, T., 1994. "Economic Factors and Policies Encouraging Environmentally Detrimental Land-Use Practices in sub-Saharan Africa.” Invited paper in Agricultural Competitiveness: Market Forces and Policy Choice, Proceedings of the XXII conference of the International Association of Agricultural Economists, Harare, Zimbabwe, 22-29 August 1994.
10. Swallow, B.M., and Mulatu, W., 1993. "Evaluating the Willingness of Ghibe Valley (Ethiopia) Residents to Contribute Time and Money to a Tsetse Control Programme Using Targets." Proceedings of the 22nd Meeting of the International Scientific Council for Trypanosomiasis Research and Control, Kampala, Uganda, 25-29 October 1993.
9. Swallow, B.M., Kamara, D., Echessah, P, and Curry, J. 1993. "Assessment of Socioeconomic Factors Affecting Implementation of Community-Based Tsetse Control -Busia, Kenya." Proceedings of the 22nd Meeting of the International Scientific Council for Trypanosomiasis Research and Control, Kampala, Uganda, 25-29 October 1993.
8. Swallow, B.M., Jabbar, M.A., and d’Ieteren, G.D.M., 1995. "The Demand for Trypanotolerant Cattle: Evidence on Farmers' Breed Preferences and Breeding Practices in Southern Nigeria." Paper presented at the 23rd Meeting of the International Scientific Council for Trypanosomiasis Research and Control, Banjul, The Gambia, 11-15 September 1995.

7. Swallow, B.M., 1995. "Do Contingent Contributions Imply Contingent Valuations? Assessing Willingness to Contribute to Local Public Goods in Kenya" Paper presented to the 5th Conference of the International Association for the Study of Common Property, Bodoe, Norway, 24-28 May, 1995.
6. Swallow, B.M., 1994. "Overview of ILCA's research on property rights." Swallow, B.M. (ed.). ILCA, Addis Ababa (Ethiopia). Evaluating the relationships between property rights, risk, technology and productivity in sub-Saharan Africa. Proceedings of a workshop. ILCA Socio-Economics and Policy Research Working Document. no. 18. p. 4-8. Addis Ababa (Ethiopia): ILCA.
5. Swallow, B.M., 1992. "Environmental Issues and ILCA Research Agenda." Paper presented at the ILCA Planning Workshop on Livestock and Resource Management Policy: Issues and Priorities for Research. Addis Ababa, Ethiopia, ILCA, 24-27 February 1992, pp. 127-137.
4. Swallow, B.M., and Bromley, D.W., 1992. "Internally-Enforced Contracts in Common Property Regimes." Selected paper presented at the American Agricultural Economics Association, Baltimore, Maryland. (Abstract in *American Journal of Agricultural Economics).*
3. Swallow, B.M., 1986. "Conference Summary and Wrap-up." Paper presented at the Hides and Skins Marketing Symposium, Maseru, Lesotho.
2. Swallow, B.M., 1986. "Historical Analysis of Hides and Skins Marketing in Lesotho." Paper presented at the Hides and Skins Marketing Symposium, Maseru, Lesotho.
1. Swallow, B.M. and Norton, G., 1984. "Evaluating Depreciation and Maintenance Of Agricultural Research." Selected paper presented at the American Agricultural Economics Association, Ithaca, New York, 1984. (Abstract in *American Joumal of Agricultural Economics).*

Other Scholarly and Professional Activities:

Coordinator of linkages between ICRAF and the Yale School of Forestry and Environmental Studies, 2003-2006.

Coordinator of linkages between ICRAF and the University of California, Santa Cruz, 2002-9.

Commissioned Reviews: World Bank Development Report 2008, FAO State of Food and Agriculture Report 2007, UK Department for International Development (DFID) Strategy for Poverty and Water Ecosystems, Swiss Development Cooperation funding proposals.

International Experience:

Africa: Personal research experience: Kenya (resident), Lesotho (resident), Ethiopia, Burkina Faso, Cote d'Ivoire, Gambia, Niger, Zambia

Research supervision, collaboration and periodic visits: Guinea, Cameroon, Tanzania, Zimbabwe, Mozambique, Uganda

Latin America: Research supervision and periodic visits: Colombia, Peru, Brazil

Asia: Personal research experience: Indonesia, Vietnam
Research supervision, collaboration and periodic visits: Philippines, Thailand, India, China

Europe: Periodic visits and collaboration: Finland, Germany, Italy, Norway, Sweden, UK

North America: Personal research experience, periodic visits and collaboration: Canada, USA

Popular Press Contributions and Quotations:

Research on land use in Alberta. Farmland swallowed by sprawl, but solution costly. *Western Producer*, 26 May 2016.

Canada's decision to withdraw from the Convention to Combat Desertification (May 2013): *Toronto Star.*

Canada's food policy (October 2010): Panelist on Alberta Primetime, Access Television Channel.

Promoting the use of carbon markets to benefit Africa farmers and reduce deforestation in agriculture – forest mosaics covered in (Dec 2008): Wires -- Africa Science News Service, Bloomberg, Reuters; Online -- Africa News, *Economic Times* Online (India), Environmental News Network, Mongabay.com, PlanetArk.com, Sciencecodex.com, ScienceDaily, Scientificblogging.com, Softpedia.com

Research on the opportunity costs of CO2 emissions from land use conversion in Indonesia, Peru and Cameroon covered in (Dec 2007): The Daily Telegraph, www.inthenews.co.uk , ScienceDaily.com, www.eurekalert.org, www.inthenews.co.uk, Asian News International, www.associatedcontent.com, www.firstscience.com www.pollutiononline.com, news.webindia123.com, www.physorg.com, biopact.com, www.terradaily.com, tech.groups.yahoo.com, www.climateark.org, www.medindia.net, www.thaindian.com, www.businessspectator.com.au, www.silobreaker.com, www.iran-daily.com, markets.chron.com, forests.org, www.firstscience.com, www.dailyindia.com, www.andhranews.net, feed.lockergnome.com, www.rojo.com, www.greendirectory.net, savetheworldorelse.blogspot.com, www.thecheers.org, www.newkerala.com, wildsingaporenews.blogspot.com, www.martinfrost.ws, www6.forestweb.com, www.medindia.net.

Results of a pan-tropical scoping study of compensation and rewards for environmental services: Ecosystem Marketplace (http://www.ecosystemmarketplace.com/).

Research on the effects of the invasive tree, *Prosopis juliflora* on livelihoods of people living in the Baringo area of Kenya quoted in *The Daily Nation*, *The East African*, ID21 (http://www.id21.org/nr/n4em1g1.html).

Results on gender relations and water resource management reported in ID21 (http://www.id21.org/nr/n4em1g1.html).

Research on the linkages between land degradation and eutrophication of Lake Victoria quoted, or interviews given to (1999), *The Daily Nation (Kenya), The East African* (Kenya), BBC World Service One Planet (Radio), CBC Nightly News (Television, Canada)

Research on trypanosomiasis control: *TryNews, African Farming, SPORE*