

CURRICULUM VITA: EMMANUEL K. YIRIDOE

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EDUCATION

Ph.D. Agricultural Economics, University of Guelph, 1997.

M.Sc. Agricultural Economics, University of Guelph, 1992.

B.Sc. (Honours) Agriculture, University of Science and Technology, Kumasi, Ghana, 1989.
(*First Class, with Distinction in African Studies*).

PROFESSIONAL/SCHOLARLY SOCIETY MEMBERSHIP

- American Agricultural Economics Association, 1992-present.
- Canadian Agricultural Economics Society, 1993-present.
- Northeastern Agricultural and Resource Economics Association, 1997-present.

OFFICES HELD IN PROFESSIONAL ASSOCIATIONS

- Councillor, Canadian Agricultural Economics Association, 2004 –2007
- Editor, Canadian Agricultural Economics Association Newsletter, 2004 –2007

CURRENT EMPLOYMENT

- **Associate Professor**, Department of Business and Social Sciences, Nova Scotia Agricultural College, May 1, 2003 to present.
- **Adjunct Professor**¹, Department of Agricultural Economics and Business, University of Guelph, Jan. 2004 to present.
- **Adjunct Professor**, School for Resource and Environmental Studies (July 1, 2000 to present), and **Member of Faculty of Graduate Studies**, Dalhousie University, June 2005 to present)
- **Assistant Professor** (Tenure-track), Department of Business and Social Sciences, Nova Scotia Agricultural College, May 1, 2001 to April 30, 2003.
- **Assistant Professor** (Contract), Department of Business and Social Sciences, Nova Scotia Agricultural College, November 1, 1997 to April 2001.

¹ The Department of Business and Social Sciences, Nova Scotia Agricultural College currently does not offer graduate programs. The adjunct faculty positions with Dalhousie University and the University of Guelph provide me with an opportunity to be involved in graduate student training, and also substantially increases my capacity to undertake scholarly research.

EMPLOYMENT EXPERIENCE

1. RESEARCH EXPERIENCE

1.1 POST- DOCTORAL RESEARCH

Post-Doctoral Research Associate

- # Department of Agricultural Economics and Business, University of Guelph, Guelph, Ontario, N1G 2W1, Canada.
- # June 1997 to October 1997.

Economic Analyst, Ontario Agriculture and ISO 14000 Research Project

- # Department of Agricultural Economics and Business, University of Guelph, Guelph, Ontario, N1G 2W1, Canada
- # August 1997 to October 1997.

1.2 RESEARCH ASSISTANT

Doctoral Research Assistant

- # Department of Agricultural Economics and Business, University of Guelph, Guelph, Ontario, N1G 2W1, Canada
- # June 1991-August 1997

2. TECHNICAL EXPERIENCE

Editorial Technical Assistant, Canadian Journal of Agricultural Economics

- # Department of Agricultural Economics and Business, University of Guelph, Guelph, Ontario, N1G 2W1, Canada
- # September 1992 to December 1995

3. TEACHING EXPERIENCE

Assistant Lecturer

- # Institute of Renewable Natural Resources, University of Science and Technology, Kumasi, Ghana.
- # September 1988 to August 1990

ACADEMIC HONOURS, PROFESSIONAL AWARDS AND DISTINCTIONS

- # Farm Managers and Rural Appraisers Award from the Ontario Chapter of the American Society of Farm Managers and Rural Appraisers, for graduate student research in agribusiness management. February 1991,
- # Canadian International Development Agency (CIDA) Scholar: Full Scholarship for M.Sc. Studies at the University of Guelph, 1990-1992.
- # Best Agricultural Economics Graduate, First Class B.Sc. (Honours), with Distinction in African Studies, University of Science and Technology, Kumasi, Ghana, 1988.
- # Dr. J.K. Baffour-Senkyire Award: for the best First Class B.Sc. Agricultural Economics Graduating Student in 1989, University of Science and Technology, Kumasi, Ghana.
- # People=s Education Association (PEA) Award. Ghana Institute of Adult Education Mathematics Teacher of the Year, Brong Ahafo Region, Ghana, 1986.

MANAGEMENT TRAINING, SHORT COURSES AND CERTIFICATE WORKSHOPS

A) Scholarly and Professional Development

- # *Recording Teaching Accomplishment Institute* Facilitated by Office of Instructional Development and Technology, Dalhousie University. June 3-7, 2002.
- # *Performance Management Training*. Facilitated by Corporate Services Unit, Human Resources Section, Government of Nova Scotia, Canada. March 25, 1998.
- # Certificate workshop in *Non-Governmental Organizations: People in Support of People* organised by the Ontario Africa Working Group, University of Guelph, Guelph, Ontario Sept. 1994. Contents include: Getting Started; Managing with limited resources; Partnership or dependency; Funding, management, evaluation and sustainability; and Past, present and future trends.
- # Certificate workshop in *Project Design and Management* organised by the Ontario Africa Working Group, University of Guelph, Guelph, Ontario, Sept. 1991.
- # Certificate *Short Course in Animal Care* organised by the Animal Care Committee, University of Guelph, January 1991. Topics include: Regulations and legislation; Zoonoses and biohazards; The animal welfare philosophy; Ethological considerations to animals; Animal welfare measurements; Ethical dilemmas; Recognition and alleviation of pain and distress in animals; and Euthanasia.

B) Miscellaneous Training

- # *Workplace Hazardous Materials Information System (WHMIS) Training*. Facilitated by

- # Nova Scotia Department of Agriculture and Marketing. February, 2, 1999.
Occupational Health and Safety Act, Policy and Program: Training/Workshop. Provided by Corporate Services Unit, Human Resources Section, Government of Nova Scotia, Canada. April 24, 1998.

SERVICE AND OUTREACH

1. INTERNAL (TO NOVA SCOTIA AGRICULTURAL COLLEGE) SERVICE/ACTIVITIES

1.1 Service on Dept. of Business and Social Sciences Committees

- Chair, Adhoc Committee on Long-term Academic Options for Department of Business and Social Sciences, Nova Scotia Agricultural College, December 1999-July 2000.
- Secretary, Recruitment Committee, Department of Business and Social Sciences, Nova Scotia Agricultural College, Sept 1999- present.
- Member, Adhoc Committee for Graduate Degree Program, Department of Business and Social Sciences, Nova Scotia Agricultural College, 1997-1998.

1.2 Service on Nova Scotia Agricultural College Committees and Boards

- Member, NSAC Library Committee, Sept 2003-present
- Member, NSAC Ad hoc Committee on Statistics Programs, June-July 2002
- Member, NSAC Faculty Council Curriculum Committee, 2001- 2003
- Member, NSAC Principal's Faculty IT Advisory Committee, 2001 to 2004.
- Member, NSAC Faculty Council Curriculum Program Working Group (Undergraduate Degree), 1998- 2002.

1.3 Administration

- 2004 Atlantic Agricultural Sciences and Technology Workshop Advisory Committee Member, Atlantic Agricultural Sciences and Technology Workshop. Nova Scotia Agricultural College, June-Nov 2004.
- Member, Poster Committee, Atlantic Agricultural Sciences and Technology Workshop, "Technologies and Opportunities", Nova Scotia Agricultural College, October 26-27, 2000.

1.4 Other Service

- Member, Marketing and Economic Research Group, Organic Agriculture Centre of Canada, 2001-present

2. External (to Nova Scotia Agricultural College) Service Activities

2.1 Service on National Organizations

- Board Member, Organic Agriculture Centre of Canada (2003-2006)
- Councillor, Canadian Agricultural Economics Society (2004-2007)

2.2 Other Service

- Researcher/Cooperator, Farming Systems Research Project, University of Guelph, 1996-2000.

3. Scholarly/Professional Service

3.1 Assessor for Research Grant Applications

- Assessor for Research Grants Program, Social Sciences and Humanities Research Council (SSHRC) of Canada, February 2000.

3.2 External Examiner/Reader, Graduate Student Thesis Research

- Chair, Thesis Defence. M.E.S. Thesis Dalhousie University (Tracey S. MacKenzie, Ecological Effects of Development in Urban Forests: The Case of Hemlock Ravine Park in Nova Scotia. August 29, 2005.
- External Reader/Examiner, M.E.S. Thesis Dalhousie University (Karen C. Saunders, Implementation of the ISO 14001 Environmental System Standard by the Newfoundland Forest Service, December 2001.

3.3 Reviewer for Scholarly Journals

- Reviewer for *International Journal of Agricultural Resources, Governance and Ecology*, August 2005
- Reviewer for *GeoJournal*, August 2005
- Reviewer for *International Journal of Agricultural Resources, Governance and Ecology*, June 2005
- Reviewer for *Canadian Journal of Agricultural Economics*, February 2005
- Reviewer for *Canadian Journal of Agricultural Economics*, Sept 2004
- Reviewer for *Canadian Journal of Plant Science*, Sept 2004
- Reviewer for *Current Agriculture, Food and Resource Issues*, July 2004.
- Reviewer for *ACTA AGRICULTURAE SCANDINAVICA*, September 2002.
- Reviewer for *Agricultural Economics*, August 2002.
- Reviewer for *Journal of Crop Production*, February 2001.
- Reviewer for *Canadian Journal of Agricultural Economics*, August 2000.
- Reviewer for Proceedings of the *International Composting Symposium*, November 1999.
- Reviewer for *Ghana Journal of Agricultural Science*, October 1999.
- Reviewer for *Canadian Journal of Agricultural Economics*, September 1999.
- Reviewer for *Journal of Soil and Water Conservation*, February 1998.

4. Community Outreach/Service

- Board Member, Nova Scotia Agricultural College Daycare Board of Advisors, Sept 1998-present.
- Member, Board of Directors, African Student Training Initiative (ASTI), Ontario Africa Working Group of Partnership Africa Canada (PAC), Jan 1994 to June 1995.
- Member, Board of Directors, Habitat for Humanity, Guelph Chapter, 1990 to 1994.
- Coordinator, University of Guelph Catholic Community Volunteer Group for Guelph

Correctional Centre, Sept. 1991 to August 1992.

5. Public Awareness/Education, Media Interviews, and Publications in News Media

3. December 15, 2003. Changing consumer trends in organic meat and dairy products. Telephone Interview with journalist, Alberta Beef magazine.
2. November 3, 2003. Consumer preferences for and attitude towards organic food. Telephone interview with Laura Byrne Paquet, freelance writer/editor, Ottawa City Woman magazine, Ottawa, Ontario.
1. October 31, 2003. Telephone interview on “Why Do Consumers Buy Organic Foods?” by Laura Byrne Paquet, Freelance writer/editor for Ottawa City Woman magazine.

6. Extension Service

6.1 Invited Speaker

3. **Yiridoe, E.K.** 2004. The political economy of foreign aid and foreign direct assistance. Invited paper presentation. New Brunswick Advanced Agricultural Leaders Program. January 9, 2004. Truro, Nova Scotia.
2. **Yiridoe, E.K.** 2002. Africa: Selected educational topics you don't hear or read in the news media. Invited presentation to Valley Elementary School, Truro, Nova Scotia. February 22.
1. **Yiridoe E.K.** 2001. Bits and Bytes: New ways to complement how we teach. Invited presentation to NSAC faculty. Truro, NS. August 2001.

6.1 Seminars

7. **Yiridoe, E.K.** 2001. Update on environmental farm planning: Implications for policy and research. Invited seminar presented to the Nova Scotia Environmental Farm Plan Working Group, Resource and Stewardship Branch, Nova Scotia Department of Agriculture and Fisheries, Truro, Nova Scotia. March 7.
6. **Yiridoe, E.K.** 2000. Risk of public disclosure in environmental farm plan programs: characteristics and mitigating legal and policy strategies. Seminar presented at School for Resource and Environmental Studies, Dalhousie University. November 16..
5. **Yiridoe, E.K.** 1999. International Standards for Environmental Management: Issues and Implications for Ghanaian Agriculture. Seminar presented to Researchers at the Department of Agricultural Economics and Farm Management, University of Science and Technology, Kumasi, Ghana. June 20.
4. **Yiridoe, E.K.** 1999. Reflections on Farming Systems Research: Issues and Direction for Ghana=s Agricultural Industry. Seminar presented to Scientists at Crops Research Institute, Kumasi, Ghana. June 20.
3. **Yiridoe, E.K.** 1999. Are there real risks of public disclosure in provincial environmental farm plan programs? Seminar presented to scientists and staff, PEI Department of Agriculture and Forestry, Charlottetown, PEI, and Agriculture and Agri-Food Canada, Crops and Livestock

- Research Centre, Charlottetown, PEI. April 9.
2. **Yiridoe, E.K.** 1998. Economic analysis of alternative tillage systems on clay soils. Seminar presented to scientists and staff, PEI Department of Agriculture and Forestry, Charlottetown, PEI, and Agriculture and Agri-Food Canada, Crops and Livestock Research Centre, Charlottetown, PEI. December 18.
 1. **Yiridoe, E.K.** 1998. ISO14000 and Nova Scotia Agriculture. Seminar presented to Faculty of the Nova Scotia Agricultural College. November.

TEACHING

COURSES TAUGHT

1. Graduate Courses

- AGRI5710: Introductory Graduate Agricultural Production Economics (Fall 2002)

2. Undergraduate Courses

RESM4004 Research Methods for Economics and Business

- Nova Scotia Agricultural College (Fall 2004)

ECON4002 Topics in Advanced Farm Management

- Nova Scotia Agricultural College (Winter 1999-present)

ECON3003 Mathematical Programming

- Nova Scotia Agricultural College (Winter 1998-2003)

SPEC2000 Agriculture in Global Economic Development

- Nova Scotia Agricultural College (Winter 2003 - present)

ECON2000 Intermediate Microeconomics

- Nova Scotia Agricultural College (Fall 2000-present)

3. Diploma (Technician/Technology) Courses

MGMT0101 Applied Accounting and Taxation

- Nova Scotia Agricultural College (winter 1998)

ECON0101 Introductory Macroeconomics

- Nova Scotia Agricultural College (Fall 1998-Fall 2000)

TRAINING OF HIGHLY QUALIFIED PERSONNEL

[Note to Reader: The Department of Business and Social Sciences at the Nova Scotia Agricultural College currently does not offer (post)graduate programs. My contribution to graduate student training is through role as Adjunct Professor at: i) The University of Guelph, and ii) Dalhousie University]

A. Post-Doctoral Fellows

- # Dr. Samuel Bonti-Ankomah, PDF at Organic Agriculture Centre of Canada. Nov 2002-March 2003. Consumer preferences for and attitude towards organic foods.

B. Graduate Students (Name, years supervised)

4. John Jatoo. In progress. Ph.D., University of Guelph. (Co-supervisor with Alfons Weersink).
3. Andres RioFrio. In progress. M.Sc., McGill University. (Co-supervisor with John Henning)
2. Atari, Dominic O. 2001-2002. M.E.S., Dalhousie University. (Supervisor)
Title of Thesis: Factors Which Affect Adoption of the Nova Scotia Environmental Farm Plan Program.
Present Position: Research Associate Dalhousie University.
1. Marett, Geb E. 2001, M.E.S., Dalhousie University. (Co-supervisor with Peter Duinker)
Title of Thesis: Adoption of ISO 14001 Environmental Management Systems Standards by Canadian Organizations.
Present Position: Research Associate (Environmental Management), Tellus Institute, Cambridge, M.A., U.S.A.

C. Research Associates/Assistants Supervised

- # Emily Nicks, Summer Research Assistant, 2005. Economics Analysis of BMPs in Watershed Systems.
- # Bettina Brown, Research Assistant. January-June 2004. Economic analysis of alternative beef/sheep grazed forage and management systems.
- # Michael Devanney, Summer Research Associate. May-August 2003. Economic analysis of alternative beef/sheep grazed forage and management systems.
- # Nigel Burns, Research Associate, Oct 1998- Sept 1999. ISO 14001 and Nova Scotia Agriculture.
- # Darlene McCullum, Senior Undergraduate Summer Research Assistant May 1998-Sept 1998. Nova Scotia Environmental Farm Plan Program.

D. Honours Undergraduate Students (Name, Years supervised)

6. Jeremy R. Visser. Agricultural Business Major. 2005. (Supervisor)
Title of Project: Economic analysis of beef production in Nova Scotia.
Present Position: Just Graduated
5. James F. Wani. Agricultural Economics Major. 2004. (Supervisor)
Title of Project: A linear programming analysis of alternative rice cropping systems: Guinea Savannah Region of Ghana.
Present Position: Graduate Studies, Dalhousie University
4. Karla Barhill, Agricultural Economics Major. 2004. (Supervisor)

- Title of Project:* Economic methods for comparing alternative animal production systems.
Present Position: Graduate school
3. Craig Little, Agribusiness Major. 2003. (Supervisor)
Title of Project: Economic Analysis of alternative beef/sheep grazing and management systems.
Present Position: Private employment
2. Wenham, Trevor, Agricultural Economics Major. 2002, (Co-supervisor, advisor on mathematical modeling)
Title of Project: Profitability analysis of floating row cover strawberry production.
Present Position: Co-op Atlantic, Moncton, New Brunswick.
1. Juurlink, S.D., Animal Science Major. 2001. (Co-supervisor, advisor on economic analysis)
Title of Project: A comparison of conventional and transition to organic dairy farming in Nova Scotia.
Present Position: Graduate student, Nova Scotia Agricultural College.

INTERNATIONAL ACTIVITIES/PROJECTS

5. PROJECT: Developing Rural Entrepreneurs.
- Period: Feb 2004 - 2007
 - Total Budget: CND\$2.5 million. [CIDA contribution of \$2.0 million]
 - Funded by: Canadian International Development Association (CIDA), through NSAC International, Nova Scotia, Canada.
 - Role: Project team member: applied economist, and advisor on cultural and gender issues.
4. PROJECT: Food Quality and Safety Training Programme.
- Period: Sept 2002 -In progress
 - Total Budget: US\$21,200
 - Funded by: Food and Agriculture Organization of the United Nations (FAO), through NSAC International, Nova Scotia, Canada.
 - Role: Contract by the FAO to write a manual on Food Quality and Safety Training. Co-author of modules for FAO training manual.
3. PROJECT: Research project on “Improved Fallow Systems and their Effects on Weeds and Nitrogen Use Efficiency of Rain-fed Lowland Rice Production.
RESEARCH PROGRAM: West African Rice Development Association (WARDA) Cropping Systems Research Program on Sustainable Inland Valleys.
- Period: 1992 – 1998.
 - Total Project Budget US\$25,000
 - Funding Agency: West African Rice Development Association (WARDA), Cote d’Ivoire, through the Savannah Agricultural Research Institute, Ghana.
 - Role: Economic analyst in a multidisciplinary team. Conducted economic (including risk) analysis of alternative rice cropping systems using on-farm data managed in the Northern

Region of Ghana. One journal article was published.

2. PROJECT: Research project on “Sustainable Production and Monitoring Genetic Diversity of Bambara Groundnut in two Districts of Upper-West Ghana”.

IPGRI PROGRAM: Monitoring genetic diversity through Ethnobotanic and genetic erosion studies.

- Period: 1998-1999
- Total Budget: US\$10,000
- Funded by: International Plant Genetic Resource Institute (IPGRI), Nairobi, Kenya. Contracted through Plant Genetic Resource Centre, Bunso, Ghana.
- Role: Co-investigator (Economic analysis, and survey design and analysis). Research project was conducted in collaboration with scientists from Crop Research Institute, Kumasi , and the Plant Genetic Resources Centre in Bunso, Ghana. A survey method was used to analyze opportunities for enhancing sustainable production and genetic resources conservation. Strategies for increasing bambara groundnut production in North-west Ghana were identified and documented. Germplasm collected was characterized and conserved at the Plant Genetic Resources Centre, Bonsu, Ghana. One journal article was published.

1. PROJECT: Pilot project/study on promotion of intermediate means of transport (IMT), using baseline survey.

GHANA MINISTRY OF FOOD AND AGRICULTURE PROGRAM: Village Infrastructure Project.

- Period: 1997-1998
- Total Budget: US\$7,000
- Funded by: World Bank. Contracted through Self-Help Foundation, Kumasi, Ghana.
- Role: Economic analyst. Research project was conducted jointly with V.M. Anchirinah (Crop Research Institute, Kumasi Ghana). A survey method was used to document the socio-economic characteristics of selected rural Ghanaian households regarding the adoption and diffusion of three IMT. One journal article was published.

SCHOLARLY PUBLICATIONS AND PRESENTATIONS

A. BOOK CHAPTERS

2. Clark, J.S., and **E.K. Yiridoe**. 2001. Challenges to the expansion of agricultural exports from Atlantic Canada. In, D. Chaundy (ed), *Atlantic Canada's International Trade in the Post-FTA Era*. pp. 135-144. Halifax, Canada: Atlantic Provinces Economic Council.
1. **Yiridoe, E.K.** 1999. Economic and behavioural foundations of Africa=s scholarly publishing needs. In, P. Habomugisha, D.R. Asafo, and L. Njinya-Mujinya, S.J. Afele, and S. Maithufi (eds). *Now and in the Next Millennium: Assessing Africa=s Scholarly Publishing Needs and Industry*. Second Edition. p. 209-213. Uppsala, Sweden: JARP & RA-GLOBAL Communications.

B. REFEREED JOURNAL ARTICLES

23. **Yiridoe, E.K.**, and V.M. Anchirinaah. 2005. Garden production systems and food security in Ghana: Characteristics of traditional knowledge and management systems. *Renewable Agriculture and Food Systems*. (In press)
22. **Yiridoe, E.K.**, S. Bonti-Ankomah, R.C. Martin. 2005. Comparison of consumer perceptions and preferences toward organic versus conventionally-produced foods: a review and update of the literature. *Renewable Agriculture and Food Systems*. (In press)
21. **Yiridoe, E.K.** 2005. A Problem Ignored: The Role of a Weights and Measures System in Food Security in Africa. *Outlook on Agriculture*. (In press, December issue).
20. Luginaah, I.N., **Yiridoe, E.K.**, and M-M. Taabazuing. 2005. From mandatory to voluntary testing: balancing human rights, religious and cultural values and HIV/AIDS prevention in Ghana. *Social Science and Medicine*. 61: 1689-1700.
19. Langyintuo, A.S., **E.K. Yiridoe**, W. Dogbe, and J. Lowenberg-Deboer. 2005. Yield and income risk risk-efficiency analysis of alternative fallow systems for rice production in the Guinea Savannah of Northern Ghana. *Agricultural Economics*. 32: 141-150.
18. **Yiridoe, E.K.**, and Geb E. Marett. 2004. Mitigating the high cost of ISO 14001 EMS standard certification: lessons from agribusiness case research. *International Food and Agribusiness Management Review*. 7(2): 37-62.

17. Astatkie, T., **E.K. Yiridoe**, and J.S. Clark. 2003 Testing for trend in variability of climate data: measures and temporal aggregation with applications to Canadian data. *Theoretical and Applied Climatology*. 76 (3/4): 235-247.
16. **Yiridoe, E.K.**, J.S. Clark, G. Marret, R. Gordon, and P. Duinker. 2003. ISO 14001 EMS standard registration decisions among Canadian organizations. *Agribusiness: An International Journal*. 19(4): 439-457.
15. Asiedu, S.K., T. Astatkie, and **E.K. Yiridoe**. 2003. The effect of seed-tuber physiological age and cultivar on early potato production. *Journal of Agronomy and Crop Science*. 189 (3): 176-184.
14. Anchirinah, V.M., **E.K. Yiridoe**, S.O. Bennett-Lartey. 2001. Enhancing sustainable production and genetic resource conservation of bambara groundnut: a survey analysis of indigenous agricultural knowledge systems. *Outlook on Agriculture*. 30(4): 281-288.
13. **Yiridoe, E.K.**, A. Weersink, T.J. Vyn, C. Swanton and D.C. Hooker. 2000. Income risk analysis of alternative tillage systems for corn and soybean production on clay soils. *Canadian Journal of Agricultural Economics*. 48(2): 161-174.
12. Anchirinah, V.M., M. Addison, H.K. Dapaah, and **E.K. Yiridoe**. 2000. Prospects of using improved intermediate means of transport in Ghanaian agriculture: a survey. *Journal of Sustainable Agriculture*. 17(2/3): 145-168.
11. **Yiridoe, E.K.** 2000. Risk of public disclosure in environmental farm plan programs: characteristics and mitigating legal and policy strategies. *Journal of Agricultural and Environmental Ethics*. 13(1): 101-120.
10. Clark, J.S., **E.K. Yiridoe**, N.D. Burns, and T. Astatkie. 2000. Regional climate change: trend analysis of temperature and precipitation series at selected Canadian sites. *Canadian Journal of Agricultural Economics*. 48(1): 27-38.
9. **Yiridoe, E.K.**, T.J. Vyn, A. Weersink, D.C. Hooker, and C. Swanton. 2000. Farm-level profitability analysis of alternative tillage systems on clay soils. *Canadian Journal of Plant Science*. 80 (1): 65-73.
8. **Yiridoe, E.K.**, and A. Weersink. 1998. Marginal abatement costs of reducing groundwater-N pollution with intensive and extensive farm management choices. *Agricultural and Resource Economics Review*. 27(2): 169-185.
7. **Yiridoe, E.K.**, R.P. Voroney, and A. Weersink. 1997. Impact of alternative farm management practices on nitrogen pollution of groundwater: Evaluation and application of CENTURY model. *Journal of Environmental Quality*. 26(5): 1255-1263.
6. **Yiridoe, E.K.** and A. Weersink. 1997. A review and evaluation of agroecosystem health analysis:

The role of economics. *Agricultural Systems*. 55(4): 601-626.

5. Sellen, D., J.H. Tolman, G. McLeod, A. Weersink, and **E.K. Yiridoe**. 1996. A comparison of financial returns during transition from conventional to organic vegetable production. *Journal of Vegetable Crop Production*. 1(2): 11-39.
4. **Yiridoe, E.K.** 1995. Economic and socio-cultural aspects of cowrie currency of the Dagaaba of Northwestern Ghana. *Nordic Journal of African Studies*. 4(2): 17-33.
3. **Yiridoe, E.K.**, A. Weersink, R. Roy and C. Swanton. 1994. Risk efficient choice of bean/winter wheat rotation, cover crop and tillage system on light textured soils. *Journal of Production Agriculture*. 7(3): 374-380.
2. **Yiridoe, E.K.** and A. Weersink. 1994. Optimal replacement age of switching from conventional tillage to no-till tillage equipment. *Journal of the American Society of Farm Managers and Rural Appraisers*. 58(1): 144-149.
1. **Yiridoe, E.K.**, A. Weersink, R. Roy, C. Swanton. 1993. Economic analysis of alternative cropping systems for a bean/wheat rotation on light-textured soils. *Canadian Journal of Plant Science*. 73(2): 405-415.

C. PUBLISHED PROCEEDINGS

3. Astatkie, T., **E. K. Yiridoe** and S. J. Clark. 2002. Testing for trend in the variability of monthly and seasonal temperature using the range and the standard deviation as measures of variability. In 2002 Proceedings of the American Statistical Association, Statistics and the Environment section [CD-ROM]. Alexandria, VA: American Statistical Association. 79-83.
2. **Yiridoe, E.K.** 1999. Are there real risks of public disclosure in provincial environmental farm plan programs? Proceedings, Fourth Biennial Meeting (North American Chapter), International Farming Systems Association. October 20-24, 1999. University of Guelph, Guelph, Ontario, Canada. pp: 133-142.
1. Clark, S.J., T. Astatkie, N.D. Burns, and **E.K. Yiridoe**. 1998. Statistical evidence of climatic change in Atlantic Canada. Proceedings, Atlantic Agricultural Sciences and Technology Workshop: Mindful of Earth. October 29-30. Truro, NS, Canada.

D. ABSTRACTS IN JOURNALS

5. Langyintuo, A.S., **E.K. Yiridoe**, W. Dogbe, and J. Lowenberg-Deboer. 2002. Yield and income

risk risk-efficiency analysis of alternative fallow systems for rice production in the Guinea Savannah of Northern Ghana. Selected paper abstract. *Agricultural and Resource Economics Review*. 31(2): 264.

4. **Yiridoe, E.K.**, A. Weersink, T.J. Vyn, C. Swanton and D.C. Hooker. 1999. Income risk analysis of alternative tillage systems for corn and soybean production on clay soils. Selected paper abstract. *Canadian Journal of Agricultural Economics*. 47(4): 471.
3. **Yiridoe, E.K.**, and A. Weersink. 1998. Marginal abatement costs of reducing groundwater-N pollution. Selected poster abstract. *American Journal of Agricultural Economics*. 80(5): 1208.
2. **Yiridoe, E.K.**, T.J. Vyn, A. Weersink, D.C. Hooker, and C. Swanton. 1998. Farm-level profitability analysis of alternative tillage systems on clay soils. Selected paper abstract. *Agricultural and Resource Economics Review*. 27(2): 282-283.
1. **Yiridoe, E.K.**, D. Sellen, J. Tolman, G. McLeod, and A. Weersink. 1993. The economics of organic and conventional horticultural crop production. Selected paper abstract. *Canadian Journal of Agricultural Economics*. 41(4): 512-513.

E. RESEARCH REPORTS

7. Klein, K.K., Danny G. Le Roy. Allan M. Walburger, Stephen J. Clark, and **Emmanuel K. Yiridoe**. 2004. Revisions to Crops Module in the Canadian Regional Agricultural Model (CRAM). Report Submitted to Research and Analysis Directorate, Economic and Industry Analysis Division, Agriculture and Agri-Food Canada, Ottawa.
6. Klein, K.K., Danny G. Le Roy. Allan M. Walburger, Stephen J. Clark, and **Emmanuel K. Yiridoe**. 2004. Revisions to Livestock Module in the Canadian Regional Agricultural Model (CRAM). Report Submitted to Research and Analysis Directorate, Economic and Industry Analysis Division, Agriculture and Agri-Food Canada, Ottawa.
5. Klein, K.K., Danny G. Le Roy. Allan M. Walburger, Stephen J. Clark, and **Emmanuel K. Yiridoe**. 2004. Conceptual Report on Livestock in the Canadian Regional Agricultural Model (CRAM). Report Submitted to Research and Analysis Directorate, Economic and Industry Analysis Division, Agriculture and Agri-Food Canada, Ottawa.
4. Clark, J.S., and **E.K. Yiridoe**. 2003. Analysis of Land Use Policies in Prince Edward Island. Final Report Prepared for Agriculture and Agri-Food Canada. Department of Business and Social Sciences, Nova Scotia Agricultural College, Truro, Nova Scotia. Canada.

3. **Yiridoe E.K.**, J. S. Clark, and R. Gordon. 2001. ISO 14000 Environmental Management System Standards and Nova Scotia Agriculture. Final report prepared for Nova Scotia Department of Agriculture and Fisheries, Truro, Nova Scotia.
2. Marett, B.E., R. Gordon, and **E.K. Yiridoe**. 2000. Promoting adoption of the Nova Scotia environmental farm plan program. Final report prepared for the Nova Scotia Department of Agriculture and Marketing. Truro, Nova Scotia.
1. **Yiridoe, E.K.** 1999. ISO 14000 Environmental Management Standards and Nova Scotia Agriculture. In, *Environmental Research Program*. Truro, Nova Scotia, Nova Scotia Department of Agriculture and Marketing. p. 14-15. March.

F. WORKING PAPERS

4. **Yiridoe, E.K.**, S. Bonti-Ankomah, and R.C. Martin. 2004. Comparison of Consumer Perceptions and Preferences toward Organic versus Conventionally-produced Foods: A Review and Update of the Literature. Working Paper. Department of Business and Social Sciences, Nova Scotia Agricultural College, Truro, Nova Scotia, Canada.
3. **Yiridoe, E.K.** 1999. Are there real risks of public disclosure in provincial environmental farm plan programs? Staff Paper Series. Department of Economics and Business Management, Nova Scotia Agricultural College, Truro, Canada.
2. **Yiridoe E.K.** and A. Weersink. 1995. Economic analysis and agroecosystem health. Discussion Paper No. 24. Faculty of Environmental Sciences. University of Guelph, Guelph, Canada.
1. Sellen, D., J.H. Tolman, D.G.R. McLeod, A. Weersink, and **E.K. Yiridoe**. 1994. A comparison of financial returns during early transition from conventional to organic vegetable production. Working paper No. WP94/12. Department of Agricultural Economics and Business, University of Guelph, Guelph, Ontario, Canada.

G. MISCELLANEOUS PUBLICATIONS AND EDUCATIONAL MATERIALS

- Yiridoe, E.K.**, and G.W. Stratton. 2000. Possibility of granting a special degree for courses taken by pre-veterinary students at the NSAC: a review of evidence from selected universities. Report prepared for the Curriculum Committee, Nova Scotia Agricultural College.

H. CONFERENCE AND PROFESSIONAL SOCIETY PRESENTATIONS

32. **Yiridoe, E.K.**, B. Brown, R. Martin, and N. McLean. 2005. Economic analysis of alternative steers and sheep grazing and management systems. *Selected paper presented at the joint Canadian Agricultural Economics Society and Western Agricultural Economics Association Conference*. July 4-8, 2005. San Francisco, California.
31. Jatoe, J.B.D., **E.K.Yiridoe**, A. Weersink, and J.S. Clark. 2005. Economic impact of land use policies and rotations on Prince Edward Island potato farms. *Selected paper presented at the joint Canadian Agricultural Economics Society and Western Agricultural Economics Association Conference*. July 4-8, 2005. San Francisco, California.
30. Atari, D.O., and **E.K. Yiridoe**. 2005. Economic Consequences of Environmental farm planning: Experience from Atlantic Canada. Invited paper presented at Alberta Agricultural Economics Association Conference. May 5-6, 2005, Red Deer, Alberta, Canada.
29. **Yiridoe, E.K.** 2005. In search of excellence in entrepreneurship skills training and education: Ghana. Seminar presented to Ghana Ministry of Education, Tertiary Education Division, Accra, Ghana. February 16, 2005
28. **Yiridoe, E.K.** 2004. Environmental farm planning and the Agricultural Policy Framework: Experience from Atlantic Canada. Seminar presented to Department of Rural Economy, University of Alberta, Edmonton, Alberta. July 7, 2004.
27. **Yiridoe, E.K.**, A.S. Langyintuo, and W. Dogbe. 2004. Economic analysis of the impact of alternative rice cropping systems on subsistent farming: A farm level analysis in Northern Ghana . *Selected paper presented at the joint Canadian Agricultural Economics Society and Northeastern Agricultural and Resource Economics Association Conference*. June 20-23, 2004. Halifax, Nova Scotia, Canada.
26. Clark, J.S., G.C. Van Kooten, J.W. Levedahl, and **E.K. Yiridoe**. 2004. Price and income elasticities of climate change. *Selected paper presented at the joint Canadian Agricultural Economics Society and Northeastern Agricultural and Resource Economics Association Conference*. June 20-23, 2004. Halifax, Nova Scotia, Canada.
25. **Yiridoe, E.K.** 2004. Cost effective agricultural management strategies for mitigating GHG emissions. Greenhouse Gas Management Canada: A BIOCAP-SSHRC Human Dimensions Research Network. Agriculture and Agri-Food Canada Policy Forum. April 7-8. Ottawa, Ontario, Canada.
24. Strong, J., **E.K. Yiridoe**, and J.S. Clark. 2003. Primal versus dual estimation of conditional factor demand functions. *Selected paper presented at the Canadian Agricultural Economics Society Annual Conference*. July 27-30, 2003. Montreal, Quebec, Canada.

23. **Yiridoe, E.K.**, and D. O.A. Atari. 2003. Factors influencing participation in the Nova Scotia Environmental Farm Plan Program. *Selected paper presented at the Canadian Agricultural Economics Society Annual Conference*. July 27-30, 2003. Montreal, Quebec, Canada.
22. Devanney, M., **E.K. Yiridoe**, and J.S. Clark. 2003. Agricultural and non-agricultural influences on agricultural land values in Canada. *Selected paper presented at the Canadian Agricultural Economics Society Annual Conference*. July 27-30, 2003. Montreal, Quebec, Canada.
21. **Yiridoe, E.K.**, J.S. Clark, and T. Astatkie. 2003. Socio-economic aspects of agriculture's adaptation to climate change. Invited presentation at a Workshop entitled *Climate Adaptation and Greenhouse Gas Mitigation in Agriculture*. Nova Scotia Agricultural College, Truro, NS, Canada. April 14-15.
20. Langyintuo, A.S., **E.K. Yiridoe**, W. Dogbe, and J. Lowenberg-Deboer. 2002. Yield and Income Risk-Efficiency Analysis of Alternative Fallow Systems for Rice Production in the Guinea Savannah of Northern Ghana *Selected paper presented at the Northeastern Agricultural and Resource Economics Association Annual Conference*. June 9-11, 2002. Harrisburg, PA, USA.
19. Atlin, G., V. Jeliaskov, C. Caldwell, J. Nowak, R. Lada, G. Sampson, B. Gray, R. Martin, N. Crowe, J. MacLeod, A. Madani, K. Pruski, **E.K. Yiridoe**, and L. Mapplebeck. 2002. Cropping Systems Research at NSAC. Poster Presentation during "Significant Research Funding Announcement at the NSAC. Nova Scotia Agriculture College, Truro, Canada. April 15, 2002.
18. **Yiridoe, E.K.** and D. Nanang. 2001. An econometric analysis of the causes of tropical deforestation: Ghana. *Selected paper presented at the American Agricultural Economics Association Annual Conference*. August 5-8, 2001. Chicago, IL, USA. Available at <http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2470>
17. **Yiridoe, E.K.**, G. Marret, J.S. Clark, R. Gordon, and P. Duinker. Cost and benefit characteristics and ISO 14001 registration decisions among Canadian Organizations. *Selected paper presented at the joint AAEA and Canadian Agricultural Economics Society Annual Conference*. August 5-8, 2001. Chicago, IL, USA.
16. J. S. Clark, **E.K. Yiridoe**, T. Astatkie, and B. Brown. 2001. Second moment measures of nonstationarity with applications to weather data. *Selected paper presented at the joint AAEA and Canadian Agricultural Economics Society Annual Conference*. August 5-8, 2001. Chicago, IL, USA.
15. **Yiridoe, E.K.**, and G. E. Marett. 2000. Mitigating the high cost of ISO 14001 implementation in agriculture. *Paper presented at the Atlantic Agricultural Sciences and Technology Workshop "Technologies and Opportunities"*. October 26 and 27, Nova Scotia Agricultural College, Truro, NS, Canada.

14. Marett, G.C. and **Yiridoe, E.K.**. 2000. Adoption of ISO 14401 standards by Canadian Organizations. *Paper presented at the Atlantic Agricultural Sciences and Technology Workshop "Technologies and Opportunities"*. October 26 and 27, Nova Scotia Agricultural College, Truro, NS, Canada.
13. **Yiridoe, E.K.** 1999. Are there real risks of public disclosure in environmental farm plan programs? *Selected paper presented at the Fourth Biennial Conference of the International Farming Systems Association (North American Chapter), on Sustaining Agriculture in the 21st Century*. October 20-23, 1999. Guelph, Ontario, Canada.
12. **Yiridoe, E.K.**, A. Weersink, T.J. Vyn, C. Swanton and D.C. Hooker. 1999. Economic analysis of alternative tillage systems for corn and soybean production on clay soils. *Selected paper presented at the Canadian Agricultural Economics Society and Western Agricultural Economics Association Joint Annual Conference*. July 11-14, 1999. Fargo, ND, USA.
11. Clark, J.S., T. Astatkie, N.D. Burns, and **E.K. Yiridoe**. 1998. Statistical evidence of climatic change in Atlantic Canada. *Paper presented at the Atlantic Agricultural Sciences and Technology Workshop on: Mindful of Earth*. October 29-30. Truro, NS, Canada.
10. **Yiridoe, E.K.**, J.S. Clark, N.D. Burns, and T. Astatkie. 1998. Comparison of time series approaches for analyzing climate change: An illustration using regional temperature and precipitation data. *Selected paper presented at the Atlantic Canadian Economics Association Conference*, October 23-25, 1998. St. John, NB, Canada.
9. **Yiridoe, E.K.**, and A. Weersink. 1998. Marginal abatement costs of reducing groundwater-N pollution under alternative farming systems. *Selected paper/poster presented at the American Agricultural Economics Association Annual Conference*, August 2-5, 1998. Salt Lake City, Utah, USA.
8. Clark, J.S., N.D. Burns, **E.K. Yiridoe**, and T. Astatkie. 1998. Regional climate change: A time series analysis of temperature and precipitation trends at selected Canadian sites. *Selected paper presented at the Canadian Agricultural Economics Society Conference*, July 5-8, 1998. Vancouver, B.C., Canada.
7. **Yiridoe, E.K.**, T.J. Vyn, A. Weersink, and C. Swanton. 1998. Farm-Level profitability analysis of alternative tillage systems on clay soils. *Selected paper presented at the Northeastern Agricultural and Resource Economics Association Annual Conference*, June 21-23, 1998. Ithaca, New York.
6. **Yiridoe, E.K.**, R.P. Voroney and A. Weersink. 1997. Marginal abatement costs of reducing groundwater-N pollution under alternative farming systems. *Selected paper presented at the*

Canadian Agricultural Economics and Farm Management Society Conference, July 27-30, 1997. Toronto, Canada.

5. **Yiridoe E.K.** 1996. A review and evaluation of agroecosystem health analysis: The role of economics. *Selected paper presented at the Fourth Biennial Conference of the International Society for Ecological Economics on: Designing Sustainability: Building Partners among Society, Business, and the Environment, August 3-7, 1996. Boston University, Boston, Massachusetts, U.S.A.*
4. **Yiridoe E.K., A. Weersink and C. Dutka.** 1996. Effects of commodity prices on the effectiveness of environment policy in agriculture. *Selected paper presented at the First Annual Symposium on: Environmental Management Policy: The Next Twenty-five Years, January 18-19, 1996. University of Guelph, Guelph, Ontario, Canada.*
3. **Yiridoe E.K.** 1995. Bionomics: Economic analysis and agroecosystem health. *Selected paper presented at the North American Symposium of the International Association for Farming Systems Research-Extension. November 5-8, 1995. Iowa State University, Ames, Iowa, U.S.A.*
2. **Yiridoe, E.K.** 1995. Cowrie currency of the Dagaaba of Northwestern Ghana: Economic and socio-cultural aspects. *Selected paper presented at the Canadian Association of African Studies Conference, May 10-14, 1995, Trent University, Peterborough, Canada.*
1. **Yiridoe, E.K., D. Sellen, J. Tolman, G. McLeod and A. Weersink.** 1993. The economics of organic and conventional horticultural crop production. *Selected paper presented at the Canadian Agricultural Economics and Farm Management Society Conference, July 11-14, 1993. Edmonton, Canada.*

FUNDED SCHOLARLY RESEARCH PROJECTS

Funding Agency	Amount (\$)	Project Title	Period
Nova Scotia Agricultural College (Economic Analysis of Grazing Sheep and Steers)	3200	SSHRC Institutional Grant (SIG)	July 2005-March 2006
Weersink, A., E.K. Yiridoe, G. Johnson, S. Jeffrey, W. Yang, and K. Belcher (Joint Social Sciences and Humanities Research Council of Canada (SSHRC) and BIOCAP Canada Foundation (BIOCAP), Strategic Research Network Grant).	666,500	Cost-Effective Agricultural Management Strategies and Technologies in Mitigating GHG Emissions.	2003-2006
Martin, R., E.K. Yiridoe., T. Astatkie, A. Fredeen, J. Hoyle, N. Rifai, and P. Warman (Natural Sciences and Engineering Research Council (NSERC), Strategic Grant)	632,000	Transition and Sustainability Strategies for Organic farms.	2001-2005
Klein, K.K., E.K. Yiridoe, J.S. Clark, A.M. Walburger, and D.G. Le Roy (Agriculture and Agri-Food Canada, Proposal No. 01B28-2-0095)	73,600	Update and Modification of the Livestock Component of the CRAM	2003/04
Klein, K.K., E.K. Yiridoe, J.S. Clark, A.M. Walburger, and D.G. Le Roy (Agriculture and Agri-Food Canada Proposal Number 01B68-3-0219)	73,600	CRAM Crop Sector Updates and Enhancements	2003/04
Clark, J.S., and E.K. Yiridoe (Agriculture and Agri-Food Canada).	24,300	Economic and Policy Assessment of PEI Approach to Managing Pesticide Risk Reduction in Potato Industry through Land Use Management	2002-2003
Nova Scotia Agricultural College	750	SSHRC General Research Grant	2001
Atlantic Provinces Economic Council, Halifax, Nova Scotia	450	Honorarium for co-authoring a book chapter	Nov 2000
Nova Scotia Agricultural College	800	SSHRC General Research Grant	2000
Nova Scotia Dept. of Agriculture and Marketing (Co-Investigator)	27,000	Risk of occurrence of water deficits in Nova Scotia	2000-2201
Nova Scotia Dept. of Agriculture and Marketing (Co-Investigator)	10,000	Promoting Adoption of the Nova Scotia Environmental Farm Plan Program	1999-2000
Nova Scotia Dept. of Agriculture & Marketing (Principal applicant)	27,200	ISO 14000 Environmental Management Standards and Nova Scotia Agriculture	1998-2000
Nova Scotia Agricultural College	500	SSHRC General Research Grant	1998
Agriculture and Agrifood Canada, subcontracted through the University of Guelph. (Principal Investigator)	4,000	Economic Analysis of Conservation Tillage Systems on Clay Soils	1997-1999

OTHER FUNDING

Funding Agency	Amount (\$)	Project Title	Period
CIDA (through <i>Developing Rural Entrepreneurship Project, Ghana</i>)	2866.89	Travel and project expenses to Ghana on Entrepreneurship Project	May 2005
Alberta Agricultural Economics Association	1316.16	Expenses for invited speaker at the Alberta Agricultural Economics Association conference	May 2005
SSHRC/BIOCAP Research project	1734.41	Travel grant to attend joint Greenhouse Gas Management Canada/Canadian Agricultural Economics Society workshop on Greenhouse Gas Victoria, BC.	March 2005
CIDA (through <i>Developing Rural Entrepreneurship Project, Ghana</i>)	2380.53	Travel and project expenses to Ghana on Entrepreneurship Project	February 2005
Agriculture and Agri-food Canada, Agricultural Policy Research Network (Farm Level Analysis)	753.87	Travel Grant to University of Alberta	January 2005
Agriculture and Agri-food Canada (Strategic Policy Branch) Grant	652.00	Travel Grant (for invited presentation)	April 2004
Farming Systems Research Program, University of Guelph	603.00	Travel Grant for C-CAIRN Workshop: "Risks and Opportunities from Climate Change for the Agricultural Sector"	March 2001