**CURRICULUM VITAE**

**Kokoye, Sènakpon Eric Haroll**

Agricultural economist

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1. **Education**

* 2013-present, PhD Applied Economics with Minor in Statistics, Department of Agricultural Economics and Rural Sociology, Auburn University, USA.. Expected: December 2016.
* 2010-2012 Master of Science in Transition studies. Major: Economic Development and World Agricultural Markets. University of Giessen. Germany.
* 2006-2008 Master of Science. Major: Agricultural economics and rural sociology. University of Parakou. Benin.
* 2001-2006 Bachelor of science- Agronomy. University of Parakou. Benin.

1. **Working Experience**

* 2015-present, Adjunct faculty, Department of Economics, Auburn University at Montgomery. USA.
* 2013-present Graduate Research Assistant, Department of Agricultural Economics and Rural Sociology, Auburn University. USA.
* 2010-2012, Research assistant, Institute of Agriculture and Market Research, Chair of Agriculture and environmental policy. University of Giessen (Germany).
* 2009-2010, Consultant, Centre International d’Etudes et de Management pour le Développement. (Benin).
* 2007-2008 Research Assistant, Faculty of Agronomy (FA), University of Parakou (UP).

1. **Teaching Experience**

* Teaching Assistant: AGEC 7250 Aquaculture Economics II, Department of Agricultural Economics Auburn University. Taught lab sessions on how to use GAMS (General Algebraic Modelling system) to find optimal solutions in linear programming. Spring 2015.
* Adjunct faculty, ECON 2020- Principles of macroeconomics, Department of Economics Auburn University at Montgomery. Fall 2015.
* Adjunct faculty, ECON 2010- Principles of microeconomics, Department of Economics Auburn University at Montgomery. Spring 2016
* Teaching Assistant: AGEC 7250 Aquaculture Economics II, Department of Agricultural Economics Auburn University. Taught lab sessions on how to use GAMS (General Algebraic Modelling system) to find optimal solutions in linear programming. Spring 2016.

1. **Consulting activities**

* 2015 Diagnosing Yield Barriers in North Haiti: How Top Farmer Perceive constraints in Five Target Crops. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI.
* 2015 Statistical analysis of beans, rice, corn 2013-2014 Campaign. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI.
* 2010 Rate and factors of adoption of technological innovation developed by INRAB between 2000 and 2006.PAPA/INRAB.
* 2009 Socio-economic study for the feasibility of hydrological project in the township of Grand-Popo and Come, Benin.

1. **Professional Service**

* Reviewer, Journal Article, International Journal of Agricultural Resources, Governance and Ecology (November 2015).
* Session Chair, Southern Agricultural Economics Association’s 2016 Annual Meeting, San Antonio, Texas, February, 6-9, 2016.

1. **Major fields of expertise**

* Climate change and adaptation strategies
* Food security
* Market Analysis
* Agricultural sustainability
* Modelling (Econometrics, Programming)
* Impacts assessment
* Environmental economics
* Economic development

1. **Additional trainings/Modules/Internships**

* 2016 **Africa: Sustainable Development for All? Online course.** University of Aberdeen.
* 2014 SWAT Workshop, DAERS/Auburn University, USA.
* 2011 Economic Modelling with GAMS, Block module, University of Gießen, Germany.
* 2011 Internship. GFA Consulting Group. Hamburg. Germany.
* 2011 German Language courses, University of Giessen, Germany.
* 2006. Internship. Agricultural Policy Analysis Department – National Institute of Agricultural research. Benin.
* 2005. Office of Food and Applied Nutrition “Direction de l’Alimentation et de la Nutrition Appliquée (DANA)”Porto-Novo, Benin.

1. **Expertise in data processing**

* Microsoft Word, Power Point, Excel, and Access, WinEdt, Latex
* STATA, SPSS, GAMS, SAS, R
* SWAT (Soil and Water Assessment Tool).

1. **Conferences/Workshops/Fields visits**

* 2016 Train students in data collection for soil testing demand in North Haiti. University Roi Christophe-Limonade- Haiti (URCL). March 14-17, 2016. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien, HAITI.
* 2016 Southern Agricultural Economics Association’s 2016 Annual Meeting, San Antonio, Texas, February, 6-9, 2016.
* 2015 Training in Soil testing Analysis for establishment of soil testing laboratory at University Roi Christophe-Limonade- Haiti (URCL). October 14-16, 2015. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien, HAITI. **Role**: Assist in preparing training material and translation.
* 2015 31st West Indies Agricultural Economic Conference, St. Croix, U.S.Virgin Islands under the Conference theme: Mitigating Climate Change Effects to Ensure Food Security, August 9th — 14th, 2015.
* 2015 Conference: Moving Agriculture Forward in the Northern Corridor: Opportunities for Cooperation and Service, University Roi Christophe-Limonade- Haiti (URCL), August 4th , 2015. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien, HAITI.
* 2015 Training in Soil testing Analysis for establishment of soil testing laboratory at University Roi Christophe-Limonade- Haiti (URCL). August 5-6, 2015. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien, HAITI. **Role**: Assist in preparing training material and translation.
* 2015 Southern Agricultural Economics Association’s 2015 Annual Meeting, Atlanta, Georgia, January 31-February 3, 2015.
* 2015 Fields study and data collection, Diagnosing Yield Barriers in North Haiti: How Top Farmer Perceive constraints in Five Target Crops. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI, 7-17 January 2015.
* 2014 Fields study and data collection. Diagnosing Yield Barriers in North Haiti: How Top Farmer Perceive constraints in Five Target Crops. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI, 19-30 November, 2014.
* 2014 Workshop and Field visit, 21-30 July 2014, Project AVANSE/USAID-FtF- North Haiti. Cap Haitien, HAITI.
* 2012 International conference Tropentag: Resilience of agricultural systems against crisis, 19-21 September 2012, Göttingen, Germany.
* 2011. Tropentag: International conference Tropentag Development on the margin, 5-7 October 2011. Bonn, Germany.
* VI African Population Conference. 5-9th December 2011. UEPA-UAPS. Ouagadougou (Burkina-Faso).
* Pre-conference workshop on Population, climate change and sustainable development in Africa: Identifying evidence advocacy gaps and opportunities for policy planning and implementation. PAI-AFIDEP. 4th December 2011. Ouagadougou (Burkina-Faso).
* Tropentag 2010. International Research on Food Security, Natural Resource Management and Rural Development, World food system -A contribution from Europe. 14-16 September 2010. Zurich, (Switzerland).

1. **Conference Papers/Posters**

* Tovignan D.S, **Kokoye S.E.H**, 2010. Agricultural value chain modelling and governance: the case of Shea butter in Benin, Paper prepared for oral presentation Tropentag 2010 in Zurich (Switzerland).
* **Kokoye S.E.H**, Tovignan D.S, Yegbemey R.N, 2012. Land use and food security: has the introduction of rice in cotton zone of Banikoara in Benin met optimal allocation of resources by the households?: ICCAFFE 2011 International Conference, Morocco.
* Awoye, O. H. R., Agbossou, E. K., Yegbemey, R. N., **Kokoye, S. E. H.,** 2012. Scientific and Local Knowledge on Climate Change in West Tropical Africa: Do Farmers’ Perceptions Fit the Measured Changes? Resilience of agricultural systems against crises, Book of Abstracts, Tropentag 2012. ISBN: 978-3-95404-215-9. 423 pp.
* **Kokoye, S.E.H**., Tovignan, D.S., Yabi, J.A., Yegbemey, R.N., and Nuppenau, E-A., 2012. Land Use in Agriculture: Econometric Modeling of the Land Allocation within the West Tropical African Farms. Poster presented at Tropentag 2012. Book of Abstracts, Tropentag 2012. ISBN: 978-3-95404-215-9. 423pp.
* **Kokoye, S.E.H**, Nuppenau, E-A., Adegbola, P.Y, Yegbemey, R.N, Adekambi, S., 2012. Crop rotation and sustainable soil fertility management: Modelling Mucuna use in crop rotation in Benin using linear programming. Paper prepared for oral presentation for the conference “Integrated Soil Fertility Management in Africa: From Microbes to Markets”, 22-26 October 2012 in Nairobi, Kenya.
* Yegbemey R.N., Yabi, J. A., **Kokoye, S. E. H**., Bauer, S., 2013. Integrating property rights in climate change adaptation modelling: A case study of maize farming in northern Benin (West Africa). Extended abstract prepared for presentation in a regular presentation session at the 5th EAAE PhD Workshop, organized by the Belgian Association of Agricultural Economists. 29-31 May 2013, Leuven, Belgium.
* Danhounsi, C. S, Issaka, K., **Kokoye, S. E. H,** Monhouanou, M.E.B, 2013. Factors Affecting the Economic Efficiency among Rice Farmers in Irrigated Area of the Municipality of Malanville in Northern Benin. Accepted for poster presentation. Tropentag 2013. University of Hohenheim Stuttgart-Hohenheim, September 17 - 19, 2013.
* Yegbemey R.N., Yabi, J. A., Tovignan, D.S, **Kokoye, S. E. H,** Bauer, S., 2013. Strengthening Climate Change Adaptation: Are Farmers Willing to Pay for Related Agricultural Extension Services? Accepted for poster presentation. Tropentag 2013. University of Hohenheim Stuttgart-Hohenheim, September 17 - 19, 2013.
* Yegbemey R.N., Yabi, J. A., **Kokoye, S. E. H,** Bwla, M.A., Bauer, S., 2013. Adoption of Land Use Options as Adaptation to Climate Change in Northern Benin, West Africa. Accepted for poster presentation. Tropentag 2013. University of Hohenheim Stuttgart-Hohenheim, September 17 - 19, 2013.
* **Kokoye, S. E.H**. Hite, D and Wilson, N, 2015. Economic and environmental impact of peanut production: a watershed level application of a bio-economic model. Selected Poster prepared for presentation at the Southern Agricultural Economics Association’s 2015 Annual Meeting, Atlanta, Georgia, January 31-February 3, 2015.
* **Kokoye, S. E.H**, Curtis. M. Jolly, Budry Bayard, Dennis Shannon, Joseph J. Molnar, Philippe Mathieu. Economics of Soil Conservation Practices in Northern Haiti. Selected paper for oral presentation at the 31 st West Indies Agricultural Economic Conference, St. Croix, U.S.Virgin Islands under the Conference theme: Mitigating Climate Change Effects to Ensure Food Security, August 9th — 14th , 2015.
* Joseph J. Molnar, **Senakpon Kokoye**, Curtis Jolly, Dennis Shannon. Agricultural Development in Northern Haiti: Mechanisms and Means for Moving Key Crops Forward in a Changing Climate. Paper prepared for the meetings of the European Society for Rural Sociology, Aberdeen, Scotland, August 2015.
* **Kokoye, S. E.H**, Curtis. M. Jolly, Joseph J. Molnar, Dennis Shannon, Budry Bayard. Adoption and impact of soil conservation practices on farm income: evidence from northern Haiti. Selected paper for oral presentation at the Southern Agricultural Economics Association’s 2016 Annual Meeting, Atlanta, Georgia, February 6-9, 2016.

1. **Peer reviewed articles in Scientific Journals and Edited Books/Volumes**

* **Kokoye, S.E.H**., Tovignan, D.S., Yabi, J.A., Yegbemey, R.N., 2013. Econometric modeling of Farm household land allocation in the Municipality of Banikoara in northern Benin. *Land use policy, 34 (2013): 72-79*. DOI: 10.1016/j.landusepol.2013.02.004.
* Yegbemey, R.N., Yabi, J.A., Tovignan, D.S., Gantoli, G., **Kokoye, S.E.H**., 2013. Farmers’ Decisions to Adapt to Climate Change under Various Property Rights: A Case Study of Maize Farming in Northern Benin (West Africa). *Land Use Policy*, *34 (2013)*: *168-175.* DOI: 10.1016/j.landusepol.2013.03.001.
* **Kokoye, S.E.H,** Yabi, J.A, Tovignan, D.S, Yegbemey,R.N, Ernst-August Nuppenau, E-A., 2013. Simultaneous Modelling of the Determinants of the Partial Inputs Productivity in the Municipality of Banikoara, Northern Benin. *Journal of Agricultural systems, 122 (2013):53-59.* <http://dx.doi.org/10.1016/j.agsy.2013.08.002>.
* Yegbemey, R.N., Yabi, J.A., Aïhounton, G.D.B. and **Kokoye, S.E.H**., 2014. Economic valuation of maize farming profitability under climate change adaptation in Benin, West Africa’, *Int. J. Agricultural Resources, Governance and Ecology, Vol. 10, No. 3, pp.269–280.*
* Joseph J. Molnar, **Senakpon Kokoye**, Curtis Jolly, Dennis Shannon, 2015. Agricultural Development in Northern Haiti: Mechanisms and Means for Moving Key Crops Forward in a Changing Climate. *Journal of Agriculture and Environmental science*, *Vol. 4, No. 2, pp. 1-13.*DOI: 10.15640/jaes.v4n2a1.

1. **Books/book’s Chapters**

* **Kokoye, S.E.H**., Tovignan, S., Yegbemey, R.N., 2013. Land use change and food security: Has introduction of rice production in cotton zone in Benin met optimal allocation of resources by households? In: Behnassi, M., Pollmann, O., Kissinger. G., (éds.), Sustainable Food Security in the Era of Local and Global Environmental Change, 2013, pp 287-300. Springer. ISBN 978-94-007-6718-8; ISBN 978-94-007-6719-5 (eBook) <http://link.springer.com/chapter/10.1007/978-94-007-6719-5_18>
* Yegbemey, R.N., G. Biaou, Yabi, J. A., **Kokoye, S. E. H**., 2013. Does Awareness through Learning about Climate Change Enhance Farmers’ Perception of and adaptation to Climate Uncertainty? In: Leal, F., Alves, F., Caeiro, S., Azeiteiro, U. (eds.), International perspectives on climate change: Latin America and Beyond, 2014, pp 227-238. Springer International Publishing. ISBN 978-3-319-04488-0; ISBN 978-3-319-04489-7 (eBook). <http://link.springer.com/chapter/10.1007%2F978-3-319-04489-7_16>

1. **Technical reports**

* Curtis Jolly, **Senakpon Kokoye**, Joseph J. Molnar, Dennis Shannon, Luc Saint Vil, 2015. Monitoring and Evaluation: Insights and Diagnostics\* Measuring Agronomic Field Results and Involving Haitian Agricultural Institutions. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI. 81 pages.
* Dennis Shannon, Curtis Jolly, **Senakpon Kokoye**, Joseph J. Molnar, Luc Saint-Vil, 2015. Soil Testing Alternatives and Possibilities Development of a Network of Universities and Agricultural Educational Institutions to Stimulate Agricultural Production in the North corridor. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI. 24 pages.
* Dennis Shannon, Curtis Jolly, **Senakpon Kokoye**, Joseph J. Molnar, Luc Saint-Vil, 2015. An Evaluation of the Feasibility of Project Interventions to Create Appropriate Macro Tissue Propagation Centers. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI. 19 pages.
* **Kokoye, S.E.H.,** Molnar, J., Jolly, C.M., Shannon, D., 2015. Diagnosing Yield Barriers in North Haiti: How Top Farmer Perceive constraints in Five Target Crops. Project AVANSE/USAID-FtF- North Haiti. Cap Haitien. HAITI. 39 pages.
* Adegbola, P, Y, Arouna, A., Adekambi, S., Hinnou., L., Ahouandjinou., C.M., **Kokoye, S.E.H.,** Fonninhou, L., 2010. Rate and factors of adoption of technological innovation developed by INRAB between 2000 and 2006. PAPA/INRAB. 134 pages.
* Tovigan, S., **Kokoye, S.E.H.,** 2009.Socio-economic study for the feasibility of hydrological project in the township of Grand-Popo and Come, Benin. 65 pages.

1. **Associations and organisations**

* 2004-2005 Vice-president of Agricultural engineer students/ Faculty of Agronomy-University of Parakou-Benin.
* 2004-2005 Secretary of Leo club Parakou le Cavalier (Lions Club-Benin)- Parakou-Benin.
* 2005-2006 Vice president Leo club Parakou le Cavalier (Lions Club-Benin)- Parakou-Benin.
* 2006-2007 President of Leo club Parakou le Cavalier (Lions Club-Benin)- Parakou-Benin.
* 2011-up to date Vice president of New African leadership Development Organisation-Germany.
* Member of African Student Association. Auburn-USA.
* 2013-2014. Graduate student ambassador. Auburn University, AL. USA.
* 2014-2015. Graduate student ambassador. Auburn University, AL. USA.
* 2015-2016. Graduate student ambassador. Auburn University, AL. USA.

1. **References**

1. Professor Curtis Jolly

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Auburn University, Auburn, AL 36849.

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2. Carel Ligeon, Ph.D.

Professor and Head of the Economics Department.

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Auburn University, Auburn, AL 36849.

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4. Professor Joseph Molnar

International Agriculture

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