

## **FRANKLIN AMUAKWA-MENSAH (Updated on July 2019)**

Nationality: Ghanaian. Gender: Male. Marital Status: Married

Environment for Development, University of Gothenburg

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<https://scholar.google.se/citations?user=XOjyfaEAAAAJ&hl=en>

[https://www.researchgate.net/profile/Franklin\\_Amuakwa-Mensah](https://www.researchgate.net/profile/Franklin_Amuakwa-Mensah)

### **RESEARCH INTEREST**

*Primary:* Environmental and natural resource economics (forestry, climate change, energy, etc.), agricultural economics & development economics

*Secondary:* Impact evaluation, behavioural and experimental economics, efficiency analysis and financial economics.

### **EDUCATION**

PhD in Economics, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden. (Aug. 2013 – Sept. 2017)

*Thesis: Essays on the economics of multifunctional forests, migration and climate change*

*Supervisors: Prof. Ing-Marie Gren (SLU) and Prof. Li Chuan Zhong (Uppsala University)*

*Examiner (Opponent): Prof. Jesper Stage*

MPhil in Economics, University of Ghana, Legon.

(Aug. 2009 - June 2011)

B.A Economics with Mathematics, University of Ghana, Legon. (*First class honors*)

(Aug. 2004 - June 2008)

### **PEDAGOGIC EDUCATION**

Teaching in Higher Education, Basic Course (3 weeks), 2015.

Education for sustainable development; course leaders (2 days), 2017

Course in Grading and Assessment (3 days), 2018

Course in Doctoral Supervising (3 weeks), 2018.

Project Course, Advanced Course (4 weeks), Ongoing, autumn 2019.

*All courses at SLU, total = 11 weeks*

### **EMPLOYMENT HISTORY**

#### **Research**

Researcher, Environment for Development initiative, University of Gothenburg (July 2019 - present)

Research Fellow, European Investment Bank (EIB)-Global Development Network (GDN) Fellowship (2018/2019)

Post-doctoral researcher in Economics, SLU, Uppsala, Sweden

(Oct. 2017 – July 2019)

PhD student by employment at the Department of Economics, SLU, Uppsala, Sweden

(Aug. 2013 – Sept. 2017)

Research Assistant, Institute of Statistical, Social and Economics Research (ISSER), U.G (Feb. 2012 – Aug. 2013)

Projects:

- “Development under Climate Change: Ghana Case Study” UNU-WIDER & ISSER,
- “Assessment of Existing Relevant Climate, Health, Poverty and Vulnerability information”, Ministry of Health and UNDP project.
- “Youth Savings Accounts in Financial inclusion and Youth Development (Youth Save)”, ISSER, CSD (Washington), MasterCard and Save the Children
- “Skills toward employment and productivity (STEP)”, ISSER and World Bank.
- “Ghana Social Opportunities Project (GSOP)” sponsored by the Government of Ghana and the World Bank, ISSER.

Research Assistant, Department of Economics, University of Ghana, Legon.

(Oct. 2011 – Feb. 2013)

### **FUNDED PROJECTS & GRANTS**

1. Swedish International Development Cooperation Agency (SIDA). Engendering Rural Transformation for Sustainable Development (ENTRUST). A Joint UR-SLU Postgraduate Research Training Program to Build Research Capacity in Rwanda. *Co-applicant*. (2019-2024). 19,000,000 SEK
2. Swedish Foundation for International Cooperation in Research and Higher Education (STINT). Feeding Urbanizing China: urbanization, agricultural productivity and food security in China. *Co-applicant*. (2019-2022). 1,000,000 SEK

3. SLU Global Seed money. SIDA project application: Engendering Rural Transformation for Sustainable Development (ENTRUST). A Joint UR-SLU Postgraduate Research Training Program to Build Research Capacity in Rwanda. *Co-applicant*. (Autumn 2018). 50,000 SEK
4. SLU Internationalization project within the area of Global Development grant: accepted project topic “Nudging for Sustainable Agriculture: Experimental Evidence on the Effects of Green Nudge”. *Co-applicant* (Oct. 2016 - June 2017). 65,000 SEK
5. UNU-WIDER project ‘Managing natural resource wealth’; accepted project topic ‘Natural Resource Revenues and Public Investment in Resource-Rich Economics in sub-Saharan Africa’ *Co-applicant* (20 July 2015-March 2016) \$6,000
6. The International Fund for Agricultural Development (IFAD) and School of International Development (DEV), University of East Anglia (UEA) project. “Technical Support to Ex-post Impact Evaluations using Mixed Method Approaches for Northern Regions Growth Programme (NRGP) and Rural Enterprises Project, Phase II (REP II), Ghana” Data Collection, *Co-applicant* (2015). \$80,000

#### SCHOLARSHIPS, AWARDS & TRAVEL GRANTS

1. Sustainable Energy Transitions Initiative (SETI), Duke University, U.S.A (Spring 2018)
2. International Conference of Agricultural Economists (ICAE 2018) in Vancouver, Canada (Summer, 2018)
3. North-eastern Agricultural and Resource Economics Association (NAREA) Scholarship (Spring 2017)
4. Travel Grant from Wallenberg Foundation, SLU (Spring 2017)
5. Travel Grant from Wallenberg Foundation, SLU (Spring 2016)
6. Scandinavian Society of Forest Economics (SSFE) Student Conference Scholarship (Spring 2016)
7. Graduate Fellowship, The Swedish Research Council (FORMAS), Dept. of economics, SLU (2013-2017)
8. UNU-WIDE sponsorship for TIPS workshop in Pretoria, South Africa. (Oct. 2012)
9. Collaborative MA Programme at the Joint Facility for Elective courses (JFE), Sponsored by the African Economic Research Consortium (AERC). (June - Oct.2010)

#### SELECTED PUBLICATIONS (*Peer Reviewed Journal Articles*)

1. **Amuakwa-Mensah, F.**, Sam, V.N. & Kihiu, E. (2019). “Gender dimension of migration decisions in Ghana: The reinforcing role of anticipated welfare of climatic effect,” *Int. J. Computational Economics and Econometrics*. 9(3).pp.181-200
2. **Amuakwa-Mensah, F.**, Klege, R., Adom, P.K., Amoah, A., Hagan, E. (2018). “Unveiling the energy saving role of banking performance in Sub-Saharan Africa”. *Energy Economics*. Vol.74. 828–842. <https://doi.org/10.1016/j.eneco.2018.07.031>
3. Lagerkvist, C.J., **Amuakwa-Mensah, F.**, Mensah, J.T. (2018). “How consumer confidence in food safety practices along the food supply chain determines food handling practices: Evidence from Ghana”. *Food Control* 93, 265–273
4. Nsabimana, A. & **Amuakwa-Mensah, F.** (2018). Does mobile technology reduces agricultural price distortions? Evidence from Cocoa and Coffee industries. *Agricultural and Food Economics*. Springer. 2018. 6:20 <https://doi.org/10.1186/s40100-018-0115-3>
5. Gren, I-M, **Amuakwa-Mensah, F.** (2018) Estimating economic value of site quality for uncertain ecosystem service provision in Swedish forest. *Int. J. of Biodiversity Science, Ecosystem Services & Management*. 14:1, 117-126, DOI:10.1080/21513732.2018.1472143
6. **Amuakwa-Mensah, F.**, Bärenbold, R., Riemer, O. (2018). "Deriving a Benefit Transfer Function for Threatened and Endangered Species in Interaction with Their Level of Charisma." *Environments* 5, no. 2: 31.
7. Marbuah, G., **Amuakwa-Mensah, F.** (2017). “Spatial Analysis of Emissions in Sweden.” *Energy Economics*, Vol. 68, October 2017, pages 383-394

8. Karimu, A., Adu, G., Marbuah, G., Mensah, J.T., **Amuakwa-Mensah, F.** (2017) "Natural resource revenues and public investment in resource-rich economies in sub-Saharan Africa," *Review of Development Economics*. <http://onlinelibrary.wiley.com/doi/10.1111/rode.12313/full>
9. **Amuakwa-Mensah, F.**, Marbuah, G., & Ani-Asamoah Marbuah, D. (2017) "Re-examining the determinants of non-performing loans in Ghana's banking industry: Role of the 2007-2009 financial crisis," *Journal of African Business*. <https://doi.org/10.1080/15228916.2017.1308199>
10. **Amuakwa-Mensah, F.**, Adom, P.K. (2017). "Quality of institution and the FEG (forest, energy intensity, and globalization) -environment relationships in sub-Saharan Africa," *Environ. Sci. Pollut. Res.* 24, 17455–17473. doi:10.1007/s11356-017-9300-2
11. **Amuakwa-Mensah, F.**, Marbuah, G., Mubanga, M. (2017) "Climate variability and infectious diseases nexus: Evidence from Sweden," *Infectious Disease Modelling*, Vol. 2, (2), pp. 203-217
12. Adom, P.K., **Amuakwa-Mensah, F.** "What drives the energy saving role of FDI and industrialization in East Africa?" *Renewable and Sustainable Energy Reviews*, Volume 65, November 2016, Pages 925-942, ISSN 1364-0321, <http://dx.doi.org/10.1016/j.rser.2016.07.039>
13. **Amuakwa-Mensah, F.**, Boakye-Yiadom, L. and Baah-Boateng, L.. (2016) "Effect of Education on Migration Decisions in Ghana: A Rural-Urban Perspective", *Journal of Economic Studies*, Vol. 43 (2), pp.336 – 356
14. Asante, F.A. and **Amuakwa-Mensah, F.** (2015) "Climate change and variability in Ghana: Stocktaking," *Climate*, 3(1):78-99. DOI: 10.3390/cli3010078
15. **Amuakwa-Mensah, F.** and Marbuah, G. (2015) "The Determinants of Net Interest Margin in Ghanaian Banking Industry," *Journal of African Business*, Vol. 16 (3), pp. 272-288 <http://dx.doi.org/10.1080/15228916.2015.1069679>
16. **Amuakwa-Mensah, F.**, Marbuah, G., Sam, N. V. and Barimah, A. (2015) "Credit Risk and Universal Banking: Evidence from the Banking Industry in Ghana," *Int. J. Computational Economics and Econometrics*, Vol. 5 (4), pp.406–429
17. **Amuakwa-Mensah, F.** and Boakye-Adjei, A. (2015) "Determinants of non-performing loans in Ghana banking industry," *Int. J. Computational Economics and Econometrics*, Vol. 5 (1), p. 35-54
18. Barimah, A. and **Amuakwa-Mensah, F.** (2014) Does inflation uncertainty decrease with inflation? A GARCH model of inflation and inflation uncertainty. *West African Journal of Monetary and Economic Integration*, Vol. 12 (2), 32-61.
19. Adom, P. K., Bekoe, W., **Amuakwa-Mensah, F.**, Mensah, J. T. and Botchway, E. (2012) Carbon dioxide emissions, economic growth, industrial structure, and technical efficiency: Empirical evidence from Ghana, Senegal, and Morocco on the causal dynamics. *Energy*, Vol. 47 (1), 314-325.

#### Working Papers / Policy Papers

1. Kihiu, E.N., **Amuakwa-Mensah, F.** (2016). "Improving Access to Livestock Markets for Sustainable Rangeland Management," ZEF – Discussion Papers on Development Policy No. 215, Center for Development Research, Bonn, May 2016, pp. 42.
2. Adu, G., **Amuakwa-Mensah, F.**, Marbuah, G., Mensah, J.T. (2016), "Effect of gold mining on income distribution in Ghana." FAERE Working Paper, 2016.23.
3. Karimu, A., Adu, G., Marbuah, G., Mensah, J.T., **Amuakwa-Mensah, F.** (2016). "Natural resource revenues and public investment in resource-rich economies in sub-Saharan Africa." UNU-WIDER Research Paper wp2016-024
4. Domfe, G., Osei-Akoto, I., **Amuakwa-Mensah, F.** and Owusu, G. (2013), "Labour Market Analysis and Business Process Outsourcing in Ghana: Poverty Reduction through Information and Digital Employment Initiative (PRIDE Africa)." Research Report No 2. Durban: University of KwaZulu-Natal. August 2013.

#### CONFERENCES

##### Accepted Papers / Presentations

1. *Weather Shocks and Local Corruption in Africa*. **CSAE Conference 2019: Economic Development in Africa**. St Catherine's College, Oxford. 17th- 19th March 2019.
2. *Analysis of the effect of perceived risk on consumers' confidence in food safety practices: Evidence from Ghana*. **32nd EFFoST International Conference**, 6-8 November 2018 | Nantes, France
3. *Production risk and technical (in)efficiency amongst smallholder livestock farmers in Botswana: An exploratory investigation*. **30th International Conference of Agricultural Economists (ICAE 2018)** in Vancouver, British Columbia, Canada, 28 July – 2 August 2018
4. *Analysis of the effect of perceived risk on consumers' confidence in food safety practices: Evidence from Ghana*. **International Food Policy Research Institute (IFPRI)'s workshop** on Food Industries for People

- and Planet (FIPP): Toward a New Research Agenda. June 26, 2018, Washington, D.C. U.S.A
5. *Drivers of household energy use within Engel's curve framework: Evidence from Rwanda*. **Sustainable Energy Transitions Initiative (SETI) 2018 meeting**, May 15-17, 2018 at Duke University (Durham, NC).
  6. *Unveiling the energy saving role of banking performance in Sub-Sahara Africa*. **Sustainable Energy Transitions Initiative (SETI) 2018 meeting**, May 15-17, 2018 at Duke University (Durham, NC).
  7. *On the inflation and inflation uncertainty nexus: Evidence from quantile regression*. **CSAE Conference 2018: Economic Development in Africa**. St Catherine's College, Oxford. Sun 18th - Tues 20th March 2018
  8. *Mines and Minds: The Effect of Mining on Educational Outcomes in Ghana*. **Working Group in African Political Economy (WGAPE)**, January 26-28, 2018 at New York University-Abu Dhabi.
  9. *Consumers' confidence in food safety practices along the food supply chain determine food handling practices: Evidence from Ghana*. **31st EFFoST International Conference** 13-16 November 2017 | Melia Sitges, Sitges, Spain
  10. *How do Natural Resources Affect Human Capital Accumulation in Developing Countries? Evidence from Ghana*. **11<sup>th</sup> EFD Annual Meeting** to be held on 27-30 October, 2017 in Addis Ababa, Ethiopia
  11. *Climate element of internal migration decisions in Ghana: Micro Evidence*. **UNU-WIDER and ARUA conference on migration and mobility**, in Accra, Ghana on 5-6 October 2017.
  12. *Multifunctional forestry and interaction of site quality mechanism*. **4th FAERE Annual conference** in Nancy on 12-13 September 2017
  13. *Multifunctional forestry and interaction of site quality mechanism*. Presented at **24th Ulvön Conference on Environmental Economics**, 20th-22nd of June, 2017, Ulvön, Sweden
  14. *Climate variability and infectious diseases nexus: Evidence from Sweden*. **Northeast Agricultural and Resource Economics Association (NAREA) 2017 Annual Meeting** in Washington, D.C. June 11-14, 2017.
  15. *How do Natural Resources Affect Human Capital Accumulation in Developing Countries? Evidence from Ghana*. **CSAE Conference 2017: Economic Development in Africa**. St Catherine's College, Oxford. 19 Mar 2017 - Tue, 21 Mar 2017
  16. *How do Natural Resources Affect Human Capital Accumulation in Developing Countries? Evidence from Ghana*. **The Annual Bank Conference on Africa (ABCA 2017)** Sutardja Dai Hall, Berkeley, California, June 1 - 2, 2017
  17. *Mining and Educational Outcomes in Ghana*. **ASWEDE conference** 4-5 May, 2017 Örebro. Sweden
  18. *Not Bad After All: Mining and Educational Outcomes in Ghana*. **CSAE Conference** 19-21 March 2017, Oxford
  19. *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* presented at **3rd FAERE Annual Conference**, September 08-09, 2016 – Bordeaux
  20. *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* presented at **EcoSummit 2016: Ecological Sustainability: Engineering Change**. 29 August - 1 September 2016 | Le Corum, Montpellier, France
  21. *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* at **Scandinavian Society of Forest Economics (SSFE) 2016 Biennial conference**, Oscarsborg, May 25th-27th 2016
  22. *Is internal migration welfare improving in Ghana? A Gender perspective*. Presented at **UNU-WIDER/University of Namur Workshop 'Gender and Development'**, 11-12 November 2015, University of Namur, Belgium
  23. *Climate element of migration decision in Ghana: Micro evidence* at the **FAERE 2015 annual conference**, Toulouse, France
  24. *Enhancing livestock market access for sustainable rangeland management and improved livelihoods in Kenya* (with E. N. Kihui) at **3<sup>rd</sup> UNCCD Scientific Conference**, 9-12 MARCH 2015, CANCÚN, MEXICO
  25. *Enhancing livestock market access for sustainable rangeland management and improved livelihoods in Kenya* (with E. N. Kihui) at **Tropentag 2015**, Berlin, Germany.

## REFEREEING JOURNALS

World Development, Energy Policy, Sustainable Cities and Society, Energy Strategy Reviews, Sustainability, Journal of Economic Studies, Feminist Economics, African Development Review, Journal of Africa Business, Eurasian Economic Review, Int. J. Computational Economics and Econometrics, Int. J. of Environment and Sustainable Development, Progress in Industrial Ecology, International Review of Applied Economics, and Cogent Business & Management. <https://publons.com/author/1263600/franklin-amuakwa-mensah#profile>

## TEACHING

### Swedish University of Agricultural Sciences, Department of Economics, Uppsala

#### Masters

1. Cost Benefit Analysis of Agricultural and Environmental Projects (7.5 credit) (*Course leader, Examiner, Lecturer (100%) (2017)*)
2. Cost Benefit Analysis of Agricultural and Environmental Projects (7.5 credit) (*Lecturer (50%) (2015-2016)*)
3. Management of Biological Resources (Environmental and natural resources economics) (7.5 credit) (*Lecturer(35%) (2014-2016)*)

#### Bachelor

4. Microeconomics and its Applications in Agricultural and Environmental Economics (15 credit) (*Course leader, Examiner, Lecturer(75%) (2019 spring)*)
5. Econometrics and programming (15 credit) (*Course leader, Examiner, Lecturer(75%) (2018 Autumn)*)
6. Agricultural Policy and International Trade (7.5 credits) (*Course administrator (2018 Autumn)*)
7. Microeconomics III (10 credits) (*Course leader, Lecturer(100%) (2018 Spring)*)

### University of Ghana, Institute of Continuing and Distance Education, Accra

#### Bachelor

1. Macroeconomic Theory for levels 300 & 400 (Tutor) (*June 2009 – July 2013*)
  2. International Trade & Finance for level 400 (Tutor) (*June 2009 – July 2013*)
- Other responsibilities: assisted in writing of course modules in Economy of Ghana, Microeconomics Theory and Macroeconomics Theory.

### University of Ghana, Department of Economics, Accra

3. Microeconomics Theory (Teaching Assistant) (*Oct. 2011 – Feb. 2012*)
4. Macroeconomic theory (Teaching Assistant) (*Oct. 2011 – Feb. 2012*)
5. Applied Mathematics (Teaching Assistant) (*Oct. 2011 – Feb. 2012*)

### Ashesi University College, Ghana.

#### Bachelor

1. Macroeconomics, (Teaching Assistant) (*July 2011 – Dec. 2011*)

## SUPERVISIONS

1. Bahre Gebru Kiros (PhD, ongoing). “Essays on the economics of climate change adaptation and natural resource use”
2. Jean Uwizeye (Masters level, 2019) “The economic value of the effects of weather variability on forest ecosystem services in Sweden.”
3. Elin Näsström (Masters level, 2019) “The role of banking sector performance for renewable energy consumption- A panel study for 124 counties between the years 1998 – 2012”
4. Japhet Alfred Ntwalle (Masters level, 2019) “Determinants of Tanzania Rural Households’ Income Diversification and its Impact on Food security”.
5. Tesfom Melake Araya (Masters level, 2019) “Effect of air pollution on morbidity in Sweden-County level case studies”
6. Rebekka Bärenbold (Masters level, 2018) “Environmental Policy After Brexit– How Does the Introduction of a Carbon Tax Affect The British Economy?”
7. Olivia Riemer (Masters level, 2018) “Social Capital as a Determinant of Farm-level Sustainable Land Management Adoption and Efforts: A case study of smallholder farmers in northern Benin”
8. Christoffer Karlsson Jamous (Bachelor level, 2018). “Cost-efficient abatement: Reaching the national air quality standard for PM2.5 concentration in Delhi”
9. Kornelia Johansson. (Bachelors, 2017). Costs and benefits of a mining project in Rönnebäck: a CBA on the social and environmental impacts of mining