

Curriculum Vitae

SASMITA HASTRI HASTUTI

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Education

Master Student in Agriculture Food and Environmental Policy Analysis, AFEPA (2020 - 2023)
1 st Year in Sveriges Lantbrukuniversitet, Sweden 2 nd Year in University of Bonn, Germany Erasmus Mundus Joint Master Degree <i>Master Thesis Title: "Exploring the Role of Rural Non-Farm Economic Activities on Farm Households' Welfare: Evidence from a Panel Household Survey in Indonesia"</i> Advisor: Thomas Heckelei and Owusu Sekyere Enoch
Bachelor of Economics (2014 - 2018)
Faculty of Economics and Business, Universitas Indonesia <i>Undergraduate Thesis Title: "Drivers of Energy-Related CO2 Emission Changes in Indonesia: Structural Decomposition Analysis"</i> Advisor: Djoni Hartono

Working Experiences

2023	On Project Basis (OPB) Researcher Lembaga Demografi (Demographic Institute) Faculty of Economics and Business, Universitas Indonesia
2018 – now	Junior Researcher Research Cluster on Energy Modelling and Regional Economics Analysis Department of Economics, Universitas Indonesia
2017 – 2019	Translator Freelancer Universitas Indonesia
2017	Enumerator Universitas Indonesia Demographic Institute (Lembaga Demografi UI), Depok
2017	Investment Department Intern SCG Indonesia (Corporate Office), Jakarta, Indonesia

Publications

- Hastuti, S.H., Hartono, D., & Putranti, T.M. (2020). The drivers of energy-related CO2 emission changes in Indonesia: structural decomposition analysis. *Environmental Science Pollution Research*. <https://doi.org/10.1007/s11356-020-11414-7>
- Hartono, D., Yusuf, A. A., Hastuti, S. H., Saputri, N. K., & Syaifudin, N. (2021). Effect of COVID-19 on energy consumption and carbon dioxide emissions in Indonesia. *Sustainable Production and Consumption*, 28, 391–404. <https://doi.org/10.1016/j.spc.2021.06.003>
- Hartono, D., Hastuti, S. H., Balya, A. A., & Pramono, W. (2020). Modern energy consumption in Indonesia: Assessment for accessibility and affordability. *Energy for Sustainable Development*, 57, 57–68. <https://doi.org/10.1016/j.esd.2020.05.002>
- Hartono, D., Hastuti, S. H., Halimatussadiyah, A., Saraswati, A., Mita, A. F., & Indriani, V. (2020). Comparing the impacts of fossil and renewable energy investments in Indonesia: A simple general equilibrium analysis. *Heliyon*, 6(6), e04120. <https://doi.org/10.1016/j.heliyon.2020.e04120>
- Hartono, D., Budiman, R., & Hastuti, S. (2020). Housing Tenure Choice of Low-Income Household in Jabodetabek. *Economics Development Analysis Journal*, 9(1), 76-86. <https://doi.org/10.15294/edaj.v9i1.37503>

Conference Presentations

Oral Presentations

- Hastuti, S. H. & Hartono, D. (2018). Drivers of Energy-Related CO₂ Emission Changes in Indonesia: Structural Decomposition Analysis. *The 5th Sebelas Maret International Conference on Business Economics and Social Sciences*, Bali, Indonesia.
- Hastuti, S.H. (2018). Indonesian Household Energy Access and Cost Burden. *International Conference in Smart City Innovation*, Bandung, Indonesia.
- Hastuti, S.H. & Saraswati, A. (2019). Simulating Renewable Energy Investment in Indonesia: a General Equilibrium Analysis. *Fiscal Policy Agency: Research Day*, Jakarta, Indonesia.
- Hastuti, S.H. (2019). Modern Energy Consumption in Indonesia: Assessment for Accessibility and Affordability. *15th Indonesia Regional Science Association (IRSA) Conference*, Aceh, Indonesia

Poster Presentation

- Hastuti, S.H. (2019). Drivers of Energy-Related CO₂ Emission Changes in Indonesia: Structural Decomposition Analysis. *The 19th Global Development Network (GDN) Conference*, Bonn, Germany.

Workshop

- (2019) Introduction to Computable General Equilibrium with Dr. Djoni Hartono held by the Institute for Economic and Social Research (*Lembaga Penyelidikan Ekonomi dan Masyarakat/LPEM*)
- (2018) Research in Economics with Prof. Ali Kutan held by Universitas Sebelas Maret

Research Activities

- (2023) Study on “Indonesia Flour Market”. Lembaga Demografi and APTINDO
- (2023) Data collection for research on the Agent Network Accelerator in Indonesia. Lembaga Demografi and MSC
- (2023) Constructing Indonesia IRSAM 2019. PROSPERA
- (2020) Study on "Carbon Tax Implementation and Biofuel Investment in Indonesia". In collaboration with Kyoto University.
- (2019) Study on "Opportunities and Challenges of West Java Triangles Areas". DKI Jakarta Regional Research Council.
- (2018 - 2019) Study on "Determinant Factors of Urban Housing Preferences among Low Income People in Greater Jakarta". Universitas Indonesia.
- (2018 - 2019) Study on "The Impacts of Food Prices on the Economy: Social Accounting Matrix and Micro-simulation Approach in Indonesia". Universitas Indonesia.
- (2018 - 2019) Constructing Inter-Regional Input-Output Indonesia 2015, Bank Indonesia, Jakarta.
- (2018 - 2019) Study on “The Impacts of Infrastructure on the Economy and Fiscal Incentive”. Ernst & Young.
- (2018) Constructing Social Accounting Matrix Depok 2015. Development Planning Agency at Sub-National Level – Depok City.
- (2018) Study on “The Analysis of Jakarta’s Energy Consumption”. The International Development Center of Japan Inc.