BERT LENAERTS | Curriculum Vitae

Nationality: Belgian | *Date of birth*: 16 January 1993

CURRENT

Highly motivated young professional with an engineering degree in bioeconomics and biogeography, currently working as a doctoral researcher in economic geography and data science.

CONTACT INFO

E-mail: moc.kooltuo@streanelb (mirrored address) | *Other details:* upon request

LANGUAGES

English (Full Professional)
Dutch (Native or Bilingual)
French (Limited Working)

HONOURS–AWARDS

Fulbright Scholar UHasselt–MIT
IRRI Certificate of Appreciation
VLIR-UOS Short term Scholar

PUBLICATIONS

Google Scholar profile
ResearchGate profile

EXPERIENCE

EUROPEAN COMMISSION, Brussels, Belgium
Blue Book Trainee   *Fall 2019–2020*
Internship at DG MOVE, Aviation Safety unit (E4). Researched policy and assisted in administrative tasks and meeting. Interacted frequently with country representatives and aviation professionals.

HASSELT UNIVERSITY, Hasselt, Belgium
Doctoral Researcher   *2017–2021*
Quantified (1) different types of air connectivity and (2) the economic benefits from improved market access generated through air transport. Presented research at different seminars and conferences.

FULBRIGHT ASSOCIATION, Brussels, Belgium
Fulbright Scholar UHasselt–MIT   *Fall 2018–2019*
Engaged in intercultural relations and international exchange living in Boston.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Boston
Visiting Scholar   *Fall 2018–2019*
Visited the Laboratory for Aviation and the Environment at MIT to do research on aviation.

INTERNATIONAL RICE RESEARCH INSTITUTE (IRRI), Los Baños, Philippines
Research Scholar   *Summer 2016*
Analysed factors influencing gendered intra-household decision-making power and performance in designing optimal breeding lines.

MS Research Scholar   *Summer 2015*
Firstly, ex-ante economic impact assessment of a new breeding method called Rapid Generation Advance through modelling and literature study. Secondly, development of an online survey platform to reach breeders from across the world and subsequent analysis of adoption and willingness to adopt through a combined triple-double hurdle model.

EDUCATION

HASSELT UNIVERSITY, Hasselt, Belgium

Program:	PhD Program in Applied Economics, Doctoral School of Behavioural Sciences & Humanities	2017–2021
Thesis:	Global Air Transport Connectivity: Quantification and Impact Analysis	2017–2021

COMMISSION FOR EDUCATIONAL EXCHANGE BETWEEN THE US, BELGIUM AND LUXEMBOURG, Brussels, Belgium

Program:	Fulbright Student Researcher, Fulbright Belgium	2018–2019

UNIVERSITY OF LEUVEN, Leuven, Belgium

Program:	Interuniversity Student in Econometrics and Quantitative Economics	2017–2018
	Master of Science (magna cum laude) in Policy Economics	2017–2016
	Master of Science (magna cum laude) in Agro- and Ecosystems Engineering with a major in Economics	2016–2014
	Bachelor of Science (cum laude): Engineering in the Biosciences	2014–2011
Thesis:	Environmental lessons of NAFTA for TTIP	2017–2016
	Economics of shorter breeding cycles in rice breeding	2016–2015

OTHER RELEVANT INFORMATION

Data Analysis

Experience with data wrangling, data visualisation, data mining and statistical data analysis. Extensive knowledge of quantitative economics, specifically (spatial) panel and time series econometrics. Software: R, Stata, Microsoft Office.

Training

- *Field course in collaboration with Arba Minch University*, Arba Minch, Ethiopia, Winter 2014
- *Vlajo Small Business Project*, KU Leuven, Spring 2015
- *Leadership program 'Leadership in a Globalising Context',* KU Leuven, Spring 2016
- *Spatial Econometrics Advanced Institute (summer school)*, Rome, Spring 2018
- *Spirituality, leadership and professional integrity seminar*, KU Leuven with Orval Abbey (Belgium), Spring 2019
- *Real Creativity workshop*, online, Winter 2020

BERT LENAERTS | Appendix to Curriculum Vitae

PUBLICATIONS

Collard, B. C. Y., Beredo, J. C., Lenaerts, B., Mendoza, R., Santelices, R., Lopena, V., Verdeprado, H., Raghavan, C., Gregorio, G. B., Vial, L., Demont, M., Biswas, P. S., Iftekharuddaula, K. M., Rahman, M. A., et al. 2017. Revisiting rice breeding methods – evaluating the use of rapid generation advance (RGA) for routine rice breeding, Plant Production Science, vol. 20, no. 4, 337–52

Lenaerts, B., Allroggen, F., and Malina, R. 2021a. Air connectivity and regional employment: A spatial econometrics approach, Working Paper

Lenaerts, B., Allroggen, F., and Malina, R. 2021b. The economic impact of aviation: A review on the role of market access, Journal of Air Transport Management, vol. 91, 102000

Lenaerts, B., Collard, B. C. Y., and Demont, M. 2018a. Global survey of rice breeders to investigate characteristics and willingness to adopt alternative breeding methods, Agriculture & Food Security, vol. 7, no. 40, 15

Lenaerts, B., Collard, B. C., and Demont, M. 2019a. Improving global food security through accelerated plant breeding, Plant Science, vol. 287, 110207

Lenaerts, B., Collard, B. C., de Mey, Y., and Demont, M. 2019b. Global survey data on rice breeders' characteristics and willingness to adopt alternative breeding methods, Data in Brief, vol. 23, 103782

Lenaerts, B. and Demont, M. 2021. The global burden of chronic and hidden hunger revisited: New panel data evidence spanning 1990–2017, Global Food Security, vol. 28, 100480

Lenaerts, B., Malina, R., and Allroggen, F. 2020. Measuring the quality of air transport networks, pp. 6–30, in Air Transport and Regional Development Policies, New York, Routledge

Lenaerts, B., de Mey, Y., and Demont, M. 2018b. Global impact of accelerated plant breeding: Evidence from a meta-analysis on rice breeding, PloS one, vol. 13, no. 6, 21

Lenaerts, B., de Mey, Y., and Demont, M. 2021c. Revisiting multi-stage models for upstream technology adoption, Under Review