

Eduard Bukin

Land and poverty economist

Economist, Global Poverty Department, The World Bank · PhD candidate, Justus Liebig University Giessen
[ebukin.github.io](https://github.com/EBukin) · github.com/EBukin · [linkedin.com/in/ebukin](https://www.linkedin.com/in/ebukin) · [Google Scholar](https://scholar.google.com/citations?user=ebukin) · [ORCID 0000-0002-1003-1260](https://orcid.org/0000-0002-1003-1260)

PROFILE

Land and poverty economist with a decade of research and operational experience in Ukrainian land markets, institutions, and valuation. Peer-reviewed work on farmland pricing, rental-market efficiency, and land valuation and taxation; analysis code adopted by the Ukrainian State Cadaster as the basis for regression-based agricultural land valuation. Fluent across survey, administrative, and geospatial data (R, Python, Google Earth Engine, PostGIS). Dual Ukrainian and German national.

EXPERIENCE

Economist (ETC2) Feb 2025 — present

The World Bank · Washington DC

Innovation and systems engineering for global poverty analysis, as well as land-economics research and operational support to the Ukrainian State Cadastre.

Lecturer

Jan 2020 — Dec 2024

Justus Liebig University Giessen · Germany

Research at the Institute for Agricultural Policy and Market Research on land markets and institutions, alongside two MSc courses and a doctoral thesis.

Economist (STC)

Mar 2018 — Jan 2025

The World Bank

Microeconomic analysis of fiscal incidence, geospatial analysis and country-level capacity building, delivered largely as reusable software.

Researcher

Oct 2017 — Dec 2019

IAMO · Halle (Saale), Germany

Land and labour relationships in agriculture, focusing on principal-agent problems and contractual relations in Ukraine.

Trade Economist / Statistician

Sep 2014 — Jan 2018

FAO of the UN · Rome

Policy briefs for the WTO 11th Ministerial, bilateral trade analysis, and the meat chapter of the *OECD-FAO Agricultural Outlook 2017–2026*.

EDUCATION

PhD, Agricultural Economics

2024 — Dec 2026

JLU Giessen

Land privatization and pasture quality in southern Kazakhstan, evaluating the impact of a natural experiment.

MSc, Rural Development — magna cum laude

2013 — 2015

Erasmus Mundus

130 ECTS across four universities under the Erasmus Mundus IMRD programme.

MSc & BSc, Economic Cybernetics — summa cum laude

2008 — 2013

NULES of Ukraine

Agricultural economics and policy, applied mathematics and statistics, econometrics, and quantitative risk analysis.

PUBLICATIONS

PEER-REVIEWED ARTICLES

- Robinson, S., Akhmediyeva, Z., Bukin, E., Bútorová-McGurk, M., Oshakbayev, D., Petrick, M. (2026). Pastoral land tenure reform in post-independence Kazakhstan: issues and prospects. *Journal of Land Use Science* 21(1), 323–348.
- Deininger, K., Ali, D. A., Bukin, E., Martyn, A. (2026). Reforming land valuation and taxation in Ukraine. *Land Use Policy* 165, 107976.

- *Bukin, E., Robinson, S., Petrick, M. (2025). The effects of land privatization on pasture productivity in south-eastern Kazakhstan. Land Use Policy 158, 107741.*
- *Kvartiuk, V., Bukin, E., Herzfeld, T. (2024). Land rental decisions and technical efficiency in Ukraine. Land Use Policy 146, 107336.*
- *Leimbach, M., Hübler, M., Mahlkow, H., Montrone, L., Bukin, E., Felbermayr, G., et al. (2024). Macroeconomic structural change likely increases inequality in India more than climate policy. Environmental Research Letters 19(4), 044070.*
- *Hübler, M., Bukin, E., Xi, Y. (2022). International trade, structural convergence and CO₂ emissions. Environmental and Resource Economics 83(3), 579–604.*
- *Kvartiuk, V., Herzfeld, T., Bukin, E. (2022). Decentralized public farmland conveyance: rental rights auctioning in Ukraine. Land Use Policy 114, 105983.*
- *Hajdu, A., Gagalyuk, T., Bukin, E., Petrick, M. (2021). Determinants of corporate social responsibility among farms in Russia and Kazakhstan: a multilevel approach using survey data. IFAMAR 24(4), 697–716.*

WORKING PAPERS AND WORK IN PROGRESS

- *Bukin, E. (2026). Three decades of land reforms in Kazakhstan: economic impact evaluation.*
- *Bukin, E., Deininger, K. (2026). Urban land and property valuation in Ukraine: overcoming data constraints with real estate listing data.*
- *Deininger, K. W., Ali, D. A., Bukin, E., Martyn, A. (2024). Reforming land valuation and taxation in Ukraine: a path towards greater sustainability, fairness, and transparency. Policy Research Working Paper Series.*
- *Deininger, K., Ali, D. A., Bukin, E., Martyn, A. (2024). Reforming land valuation and taxation in Ukraine — reproducibility package. World Bank.*
- *Leimbach, M., Hübler, M., Mahlkow, H., Montrone, L., Bukin, E., Felbermayr, G., Kalkuhl, M., et al. (2022). Structural change likely increases inequality in India more than climate policy.*
- *Hübler, M., Bukin, E., Xi, Y. (2020). The effects of international trade on structural change and CO₂ emissions. Kiel Working Paper 2174.*

REPORTS AND POLICY WORK

- *Nguyen, N. T. V., Stemmler, H., Bukin, E., Brunckhorst, B. J. (2026). People, jobs, and places: a spatial analysis of welfare disparities in low- and middle-income countries — reproducibility package. World Bank Reproducible Research Repository, FR_WLD_2026_682.*
- *Kvartiuk, V., Herzfeld, T., Martyn, A., Bukin, E. (2020). Rental price dynamics of state-owned agricultural land in Ukraine. APD Report: ADP/ARP/01/2020.*
- *FAO Trade and Markets Division (2017). OECD-FAO Agricultural Outlook 2017–2026 — meat chapter.*

LANGUAGES

Ukrainian (mother tongue) · German B2 · English C2 · Russian C2 · Italian A2 · French A2