

## HABILITAČNÍ ŘÍZENÍ: Ing. Zdeňka GEBELTOVÁ, Ph.D.

### KATEGORIE A – VĚDECKÁ A VÝVOJOVÁ ČINNOST

#### Článek ve vědeckém časopise s IF

Maitah, M., Procházka, P., Rojík, S., Činčalová, S., Malec, K., Smutka, L., **Gebeltová, Z.**, Kozelský, R., Maitah, K., Tomšík, K. (2023), Future Development of Sugar Market in the European Union in the Period 2023-2032. *Sugar Tech*, 2023. Vol. 26, Issue 1, pp. 295-304, doi.org/10.1007/s12355-023-01342-4.

Podíl: 10 %, Bodová hodnota: 2,6

**Gebeltová, Z.**, Hálová, P., Malec, K., Bartonová, K., Blažek, V., Maitah, M., Kozelský, R., Phiri, J., Appiah-Kubi, S.N.K., Tomšík, K., Severová, L., Marušiak, J. (2023), Geopolitical risks for Egypt wheat supply and trade, *Frontiers in sustainable food systems*, 2023. Volume 7, 1664-3224. ISSN 1664-3224, doi.org/10.3389/fsufs.2023.1137526.

Podíl: 100 %, Bodová hodnota: 47,62

Malec, K., Majune, S.K., Kuzmenko, E., Phiri, J., Nyamoita R.L.M., Appiah-Kubi, S.N.K., Maitah, M., Smutka, L., **Gebeltová, Z.**, Tomšík, K., Kobzev Kotásková, S., Marušiak, J. (2023), Energy Logistic Regression and Survival Model: Case Study of Russian Exports, *International Journal of Environmental Research and Public Health*, 2023, Vol. 20. Issue 1, 885. doi.org/10.3390/ijerph20010885.

Podíl: 10 %, Bodová hodnota: 3,62

Phiri, J.; Malec, K.; Sakala, A.; Appiah-Kubi, S.N.K.; Činčera, P.; Maitah, M.; **Gebeltová, Z.**; Otekhile, C.-A. (2022), Services as a Determinant of Botswana's Economic Sustainability. *Internatiobal Journal, Environmental Research Public Health*, 2022, Vol. 19 (22), 15401. doi.org/10.3390/ijerph192215401.

Podíl: 10 %, Bodová hodnota: 3,62

Malec K., **Gebeltová Z.**, Maitah, M., Appiah-kubi S.N.K., Sirohi, J., Maitah, K., Phiri, J., Panka, D., Prus, P., Smutka, I. a Janků J. (2022), Water management of Czech crop production in 1961–2019. Online. *Agriculture-BASEL*, 2022. Vol. 12, Issue 1, p. 1-15, 2077-0472, doi.10.3390/agriculture12010022.

Podíl: 100 %, Bodová hodnota: 66,96

Phiri, J.; Malec, K.; Kapuka, A.; Maitah, M.; Appiah-Kubi, S.; **Gebeltová, Z.**; Bowa; M. Maitah, K. (2021), Impact of Agriculture and Energy on CO2 Emissions in Zambia. *Energies*, 2021, Vol. 14, Issue 24, ISSN: 1996-1073, doi.org/10.3390/en14248339.

Podíl: 10 %, Bodová hodnota: 1,76

Maitah, M.; Malec, K.; Ge, Y.; **Gebeltová, Z.**; Smutka, L.; Blažek, V.; Pánková, L.; Maitah, K.; Mach, J. (2021), Assessment and Prediction of Maize Production Considering Climate Change by Extreme Learning Machine in Czechia. *Agronomy*, 2021, Vol. 11, Issue 11, p. 1-14. ISSN: 2073-4395, doi.org/10.3390/agronomy11112344.

Podíl: 40 %, Bodová hodnota: 6,00

Appiah-Kubi, S.; Malec, K.; Phiri, J.; Maitah, M.; Gebeltořá, Z.; Smutka, L.; Maitah, K. – Sirohi, J.; Blařek, V. (2021), Impact of Tax Incentives on Foreign Direct Investment: Evidence from Africa. *Sustainability*, 2021. Vol. 13, Issue 15, p. 1-12. ISSN: 2071-1050, doi.org/10.3390/su13158661.

Podíl: 10 %, Bodov hodnota: 2,02

Phiri, J.; Malec, K.; Majune, S.; Appiah-Kubi, S.; Gebeltořá, Z.; Kobzev Kotskov, S.; Maitah, M.; Maitah, K.; Naluwoza, P. (2021), Durability of Zambias Agricultural Exports. *Agriculture-BASEL*, 2021, Vol. 11, Issue 73, p. 1-14. ISSN: 2077-0472, doi.org/10.3390/agriculture11010073.

Podíl: 10 %, Bodov hodnota: 5,89

Appiah-Kubi, S.; Malec, K.; Kutin, S.; Maitah, M.; Chanda Chiseni, M.; Phiri, J.; Gebeltořá, Z.; Kobzev Kotskov, S. – Maitah, K. (2020), Foreign Ownership in Sub-Saharan Africa: Do Governance Structures Matter?, *Sustainability*, 2020. Vol 12. Issue 18. p. 1-16. ISSN: 2071-1050, doi.org/10.3390/su12187698.

Podíl: 10 %, Bodov hodnota: 2,23

Phiri, J.; Malec, K.; Majune, S.; Appiah-Kubi, S.; **Gebeltoř, Z.**; Maitah, M.; Maitah, K.; Abdullahi, K. (2020), Agriculture as a Determinant of Zambian Economic Sustainability. *Sustainability*, 2020, Vol. 12. Issue 18, p. 1-16. ISSN: 2071-1050. doi.org/10.3390/su12114559.

Podíl: 10 %, Bodov hodnota: 2,23

**Gebeltoř, Z.**, Malec, K., Maitah, M., Smutka, L., Appiah-kubi, S., Maitah, K., Sahatqija, J., Sirohi, J. (2020), The Impact of Crop Mix on Decreasing Soil Price and Soil Degradation: A Case Study of Selected Regions in Czechia (2002–2019). *Sustainability*, 2020. Vol. 12. Issue 11, p. 1-16. ISSN: 2071-1050, doi.10.3390/su12020444.

Podíl: 100 %, Bodov hodnota: 2,23

### **lnek v recenzovanm asopise bez IF**

**Gebeltoř, Z. (2017)**, “Exploitation of Agricultural land in the Czech Republic and EU Countries”, *AGRIS on-line Papers in Economics and Informatics*, Vol. 9, No. 4, pp. 33-44. ISSN 1804-1930. doi.10.7160/aol.2017.090404.

Pletichov, D. – **Gebeltoř, Z. (2015)**, Evaluation of the Effect of Subsidies on the Production Capability of Land in Selected Regions of the Czech Republic. *AGRIS on-line Papers in Economics and Informatics*, 2015, Vol.7, No.4, pp. 111-122. ISSN: 1804-1930.

**Gebeltoř, Z.** – Řezbov, H. – Pletichov, D. (2014), Quantification of Changes in the State of the CR Agricultural Land Fund from 2001-2013. *AGRIS on-line Papers in Economics and Informatics*, 2014, Vol. 4, No. 3, pp. 13-25. ISSN: 1804-1930. doi.10.22004/ag.econ.188732

Pletichova, D., **Gebeltoř, Z. (2013)**, Development of market prices of agricultural land within the conditions of the EU, *Agris on-line Papers in Economics and Informatics*, Vol. 5, No. 3, pp. 65-78, ISSN 1804-1930.

**Gebeltová, Z., Pletichová, D. (2012)**, Proposal of the Creation of Resources for the Maintenance of the Production Capability of the Agricultural Land Fund by Way of Tax Savings, *Agris on-line Papers in Economics and Informatics*, Vol. 4, No. 4 - special, pp. 37-48, ISSN 1804-1930.

**Gebeltová, Z. (2012)**, Czech Republic's self-sufficiency in case of pork meat and its impact on trade balance development, *Agris on-line Papers in Economics and Informatics*. Vol. Number 4- special, Issue 2. pp 3-14, ISSN 1804-1930.

### **Příspěvek na konferenci (evidované na WoS)**

Brecklová, V., **Gebeltová, Z. (2020)**, Economic valuation of model cases of rainwater utilization, In: *Agrarian perspectives XXIX. Trends and challenges of agrarian sector*, Czech University of Life Sciences Prague, September 16–17, pp. 66-74, ISSN 2464-4781.

**Gebeltová, Z., Hálová, P. Malec, K. (2019)**, Link between the business scale and the land improvement investments,, In: *Agrarian perspectives XXVII. – Competitiveness of European Agriculture and Food Sectors*, Czech University of Life Sciences Prague, September 18 - 19, pp. 44-51, ISSN 2464-4781.

**Gebeltová, Z – Malec, K. (2018)**. Analysis of selected factors affecting official land prices in czech agriculture (2009–2018), In: *Agrarian perspectives XXVII.- Food safety – food security*, Czech University of Life Sciences Prague, September 19–21, 2018, pp 51-57, ISBN 978-80-213-2787-0; ISSN 2464-4781.

Malec, K, **Gebeltová. Maitah, M. (2018)**, Volatility and liquidity of cme corn market), In: *Agrarian perspectives XXVII.- Food safety – food security*, Czech University of Life Sciences Prague, September 19–21, 2018, pp 159-166, ISBN 978-80-213-2787-0; ISSN 2464-4781

**Gebeltová, Z – Hálová, P. (2017)**, Analysis of changes in official agricultural land prices in the CR in years 2009-2017, In: *Agrarian perspectives XXVI. – Competitiveness of European Agriculture and Food Sectors*, Czech University of Life Sciences Prague, September 13–15, 2017, pp. 64-70, ISBN 978-80-213-2787-0; ISSN 2464-4781 (Online). In: *Agrarian perspectives XXVI*

### **Udělený grant v zahraniční (viz příloha)**

TOPIC: HORIZON-MISS-2022-SOIL-01-05: Monitoring, reporting and verification of soil carbon and greenhouse gases balance. Project title: Developing and testing a framework for the design of harmonized, context-specific Monitoring, Reporting and Verification systems for soil Carbon and greenhouse gas balances by Agricultural activities.

Participace: 0,1 úvazek,

Číslo rozhodnutí: MARVIC, No. 101112942

Číslo zakázky: 21150/1543/5408 (příloha: kopie v systému Evropské komise k MARVIC, kopie smlouvy o přidělení podpory– výňatek)

**Citace dle Science Citation Index (bez autocitací) k 20.6.2024: 62 (viz. příloha)**

## KATEGORIE B– PEDAGOGICKÁ A POPULARIZAČNÍ ČINNOST

### VŠ – skriptum (viz příloha)

Rosochatecká, E. - **Frydová, Z.**, - Tomšík, K. (2004). Cvičení z ekonomiky podniků, ČZU Praha, čtvrté vydání, 2004, (první vydání 2000). ISBN 80-213-1005-7

Podíl: 40 %

Rosochatecká E. - Tomšík K.- **Gebeltovej Z.** (2006). Cvičení z ekonomiky podniků, ČZU Praha, 2006, 1. vydání, ISBN: 80-213-1470-2

Podíl: 40 %

Rosochatecká E. - **Gebeltovej Z.** - Pánková, L. - Tomšík K. (2012). Cvičení z ekonomiky podniku, ČZU Praha 2012, 1. vydání, ISBN 978-80-213-2258-5

Podíl: 30 %

### Obhájené bakalářské a magisterské práce (viz příloha)

K datu: 31. 5.2024: Počet BP = 109

Počet DP = 76

### Odborný článek

**Gebeltovej Z.**, Maitah, M., Malec, K., Sindi, A., (2023), The economic level of czech agriculture as determined by the productivity of production factors and climate development, In: *Agrarian perspectives XXXII*. Human capital and education in agriculture, Czech University of Life Sciences Prague, September 6–7, pp. 71-84, ISSN 2464-4781 (Online). Proceedings.

**Gebeltovej Z.**, Mach, M., Malec, K., Maitah, M. (2022), Are the quality of agricultural land and its environmental condition sufficiently reflected in the market price?, In: *Agrarian perspectives XXXI*. Green deal-future perspectives, Czech University of Life Sciences Prague, September 14 - 15, pp. 37-47, ISSN 2464-4781 Proceedings.

**Gebeltovej Z.**, Maitah, M., Malec, K. (2021), Proposal for a new classification of agricultural land protection as a response to infrastructural and climate change in the Czech Republic, In: *Agrarian perspectives XXX*. – Sources of Competitiveness under Pandemic and Environmental Shocks, Czech University of Life Sciences Prague, September 15–16, pp. 73-83, ISSN 2464-4781. Proceedings.

Malec; K., **Gebeltovej Z.**, Kotyza; P., Maitah, M. (2021), Water Balance of the Czech Crop Mix in 1961–2019, *Rural Development, 2021: Challenges for Sustainable Bioeconomy and Climate Change*, Kaunas, Lithuania. Proceedings.

**Gebeltovej Z.** (2010), Analysis of the causes of price fluctuations of dairy products at individual levels of the product vertical, *AGRIS on-line Papers in Economics and Informatics*, 2010, Vol.2, Issue 3, pp. 15-24, ISSN 1804-1930. Proceedings.