

roubik@ftz.czu.cz



+420-736-777-000



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Kamýcká 129, Prague, 165 00, Czech Republice



CURRENT EMPLOYMENT

DEAN

Faculty of Tropical AgriSciences (CZU)

Associate professor

Faculty of Tropical AgriSciences (CZU)

Director

BioResources & Technology Division at FTZ/CZU

Leader and Co-author CZU mobiLAB



- story-based resume format -

Doc. Ing. Hynek Roubík, Ph.D.

RESEARCHGATE / GOOGLE SCHOLAR / FTZ

Dean

RESEARCH EXPERIENCE

2024-2028 Coordinator of the Horizon Europe project: Mobilising Investments for Protecting and Restoring Biodiversity by Harnessing Innovative Financial Solutions and Advanced Geospatial Analytics (BIO-CAPITAL)

2024-2026 Coordinator and WP leader (from CZU) in Horizon Europe project: Combined Use of EGNSS and Copernicus Data to Develop Innovative Downstream Services for the Users from Chile and Colombia (COMUNIDAD)

2024-2026 Expert in Horizon Europe project: BOOST4BIOEAST.

2024 Coordinator (from CZU) in UNDP Challenge fund – Cambodia (V-Soil)

2023-2025 Expert in Jean Monnet Centre of Excellence project: Centre of Excellence "European Studies of Social Innovation in Education" (ESSIE)

2023-2026 Expert in Iterreg project: Circular BioEconomy Market Uptake and Policy Support in Central Europe (BIOECO-UP).

2023-2027 Coordinator (from CZU) in Erasmus CBHE project:
Universities – Communities: strengthening Cooperation
(UNICOM)

2023-2026 WP leader (from CZU) in Horizon Europe project: Open Science to Increase Reproducibility in Science (OSIRIS)

2022-2025 Coordinator (from CZU) and Scientific expert of ERA-MIN project (pan-European network of research funding organisations, supported by EU Horizon 2020) called: Phosphogypsum Processing to Critical Raw Materials

2022-2025 Expert in Horizon Europe project: Empowering the Central and Eastern European Countries and beyond to Develop Bioeconomy Strategies and Action Plans (CEE2ACT)

2021-2024 Scientific leader of CZU team in a Czech Republic Development Cooperation project called: Through Biogas Technology Towards Higher Resilience of Communities in Western Province of Zambia





- **2021-2024** Coordinator (from CZU) in KA220-HED project (Cooperation partnerships in higher education) called: Structural Capacities for Tackling Wicked Problems
- **2021-2022 Expert member** of Czech Republic Development cooperation project: Publication and Research Activities Development for Education in Life Sciences at Hawassa University
- 2020-2021 Coordinator (from CZU) and Expert member of Czech Development Agency project: Prevention of Covid-19 Proliferation and Increasing Resilience of Local Communities to Impacts of the Pandemics in Shabelle Zone in Ethiopia
- 2020-2021 Coordinator (from CZU) and Expert member of Czech Development Agency project: Prevention of Covid-19 Proliferation in Exposed Locations and Increasing the Resilience of Local Communities in Zambia (CORE4)
- 2020-2021 Coordinator and Expert member of UNDP project: Turning wine waste into profit: possibilities of the Moldavian wine industry
- **Expert on demand** for UNDP: Reducing Food Waste in Bosnia and Herzegovina
- 2020-2021 Coordinator and Expert member of Czech Republic
 Development cooperation project: "AgriSciences Platform
 for Scientific Enhancement of HEIs in Ukraine"
- 2019-2021 Expert member of Vietnamese National Foundation for Science and Technology Development (NAFOSTED): "Effects of biochar produced from different tropical biomass sources and at different process temperatures on in vitro rumen fermentation and methane production"
- **2019-2021 Expert member** of Czech Republic Development cooperation project: "Interuniversity cooperation as a tool for enhancement of quality of selected universities in Ukraine"
- 2019 Expert member of International Investment Bank project under ENVIROS Implementation entitled: "Provision of technical assistance to IMAO electric, s.r.o. in relation to the installation of biomass power plants in the Thua Thien Hue province, Vietnam"
- **Expert member** of Czech Republic Development cooperation project: "Support of young university capacity in education and research and science activities in Ukraine"
- **Expert member** of IGA project at FTA: "Challenges for Agenda 2030 No one is left behind in rural areas of developing countries"





- 2016-2018 Principal investigator of Internal Grant Agency (IGA) project at CZU Prague Prague: "Do small-scale biogas plants use their emission reduction potential? Case study in central Vietnam" (9 project members)
- **2018-2019 Expert member** of IGA project at CZU Prague: "Analysis of the Economic and Social Impact of Newly Created Farmers' Groups in EU Eastern Partnership European Countries"
- 2017-2018 Expert member of IGA project at CZU Prague: "Development and verification of manual low- and medium-pressure briquetting presses and comparative analyses of produced briquettes (with particular Southeast Asia)"
- 2017-2018 Expert member of the Czech Republic Development cooperation project: "Strengthening of capacity building in quality assurance and science at SNAU and SSU"
- **2017 Expert member** of IGA project at FTA: "Towards Agenda 2030 Inclusive Transformation of Rural Areas, case studies in selected countries"
- 2016 Expert member of IGA project at FTA: "Technological, Economic and Social Aspects of Rural Development in Developing World"
- 2015-2016 Expert member of the Czech Republic Development cooperation project: "Support of the harmonization of the Bologna system of higher education system of agricultural universities in Ukraine 2015-2016; 2017-2018"
- **Expert member** of IGA project at FTA: "Cooperatives as the Empowering Tool for Development of Rural Communities in the Global South"
- **Expert member** of IGA project at FTA: "Analysis of Institutional, Educational and Technological Measures in Family Farming Leading to Sustainable Rural Development in selected regions of the Global South"
- 2014 Researcher for People in Need project: "Promoting Renewable Energy as a Driver for Sustainable Development and Mitigation of Climate Change in Sri Lanka" (funded by European Commission)
- **2013 Member** of IGA project at FTA: "Optimization of digestate utilization from home anaerobic digesters in SE Asia"
- 2012-2013 Assistant of the project team: "Renewable Energy Resources for Rural Areas in Thua-Thien Hue Province, Vietnam" (funded by Czech Development Agency)





ACADEMIC EXPERIENCE & MEMBERSHIPS

2024 - Present	Member of the Scientific Board of the Czech University of Life Sciences Prague
2024 - Present	Member of the Scientific Board of the Faculty of Agrobiology, Food and Natural Resources
2024 - Present	Member of the Scientific Board of the Faculty of Tropical AgriSciences
2023 - Present	Member of the informal Advisory board to the Czech Minister of Science
2022 - Present	Member of ATSAF (Council for Tropical and Subtropical Agricultural Research)
2022 - Present	Member of Council for Sustainable Development of CZU
2022 - Present	Member of Doctoral Degree Board for CZU programme Sustainable Rural Development
2020 - Present	Member of Platform for Bioeconomy of the Czech Republic
2020 - Present	Member of ECPR Standing Group on Environmental Politics
2019 - Present	Member of Czech Academy of Agricultural Sciences , Department of Agricultural Engineering, Energy and Construction
2019 - Present	Member of working group Bioeconomy within the Ministry of Agriculture
2014 - 2017	The Council of Higher Education Institutions of the
2015 - 2016 2015 - 2016	 Czech Republic (HEIs) Vice-chairman of the Council of HEIs (1.5 years) Chairman of Student Chamber of Council of HEIs (1.5 years) The Council of HEIs of the Czech Republic is a representative body of higher education institutions. It has been established as a result of a common agreement of all higher education institutions in the Czech Republic, and its status is based on Act No. 111/1998 Coll. (the Higher Education Act of the Czech Republic, Article 92).
2016 – 2019	Member of the Ethical Committee of the Czech University of Life Sciences in Prague
2013 - 2018	Academic senator of the Czech University of Life Sciences in Prague (in the Bureau since 2017)
2013 - 2018	Academic senator of the Faculty of Tropical AgriSciences





ACTIVE ADVISORY, REVIEW AND EVALUATION BOARDS

2023 - Present Editorial Board Member of Biosystems Diversity (WoS,

Scopus)

Editorial Board Member of Frontiers in Public Health (Health

Policy) (WoS, Scopus)

Member of Council for Sustainable Development at CZU

Prague

2022 - Present Editorial Board Member of <u>Humanities and Social Sciences</u>

<u>Communications</u> (WoS, Scopus)

2021 - Present Editorial Board Member of Agrobiology

2020 - Present Editorial Board Member of <u>Bulletin of Sumy National</u>
Agrarian University. The series: Mechanization and Automation of Production Processes

Topic Board Member of Environments (ESCI, Scopus

indexed)

Reviewer Board of <u>Agronomy</u> (WoS, Scopus indexed)

Editorial Board Member of Asian Journal of Agriculture and

Rural Development (Scopus indexed)

Expert evaluator of Technology Agency of the Czech Republic

2019 - Present Associate editor of <u>Scientia Agriculturae Bohemica</u> (Scopus indexed)

2018 - Present Editorial Board Member at the <u>Journal of Vietnamese Environment</u>

2016 - Present Editorial Board Member of <u>Journal of Ecological Engineering</u> (ESCI, Scopus indexed)

2014 - Present Reviewer for multiple peer-reviewed conferences & journals:

Virtual Multidisciplinary Conference (QUASTI), Virtual International Conference on Advanced Research in Scientific Areas (ARSA), International Virtual Research Conference in Technical Disciplines (RCITD), Electronic Interdisciplinary Conference (EIIC), The Efficiency and Responsibility in Education Conference (ERIE), International Virtual Conference on Advanced Scientific Results (SCIECONF), Human and Social Sciences at the Common Conference (HASSACC) & over 300 reviews for various journals.

PAST ADVISORY, REVIEW AND EVALUATION BOARDS

2021 - 2023 Expert evaluator of projects for EACEA

The Education, Audiovisual and Culture Executive Agency of the European Commission Evaluated projects with budget of up to 1,000,000 \in

2019 - 2020 Guest editor for special issue "Energy Efficiency, Renewable Energy and Climate Change" at <u>International Journal of</u> <u>Global Energy Issues</u> journal (Scopus indexed)

2018 - 2019 Board member of an Erasmus+ for the Czech Republic

2015 - 2016 Member of expert panel in biotechnical sciences of reaccreditation of doctoral study programmes in Croatia coordinated by the Agency for Science and Higher Education (ASHE)





2016 Expert evaluator of Erasmus+ projects for the Czech National Agency

The Education, Audiovisual and Culture Executive Agency of the European Commission Since 2014 over 80 evaluated projects with budget from 3,000 € up to 250,000 €

2014 Member of the advisory board at the 2014 International School Leadership Summit

AWARDS

- 2023 Dean's Award for the best publication output and science popularization of 2022
- 2022 Award of 1st "Roubik award" for contribution to the sustainability issues from BeFair
- 2018 Award of Professor Julius Stoklasa
- 2018 Award of Ministry of Agriculture
- **2018** Award for <u>best publication</u> output among PhD students
- 2017 Award of <u>Hlávka Foundation</u> for the contribution to the science
- **2017** Award for best publication output among PhD students

RELEVANT CONFERENCES, TRAINING COURSES AND WORKSHOPS

- **Plenary speech** at the "4th Multidisciplinary Conference for Young Researchers (CZU, Prague, October 5.-6., 2023), *Czechia*
- **Plenary speech** at the "2nd Multidisciplinary Conference for Young Researchers" (SSU, Sumy, November 29-30, 2021), Ukraine
- **2017 Plenary speech** at the "Economic, Legal and Social Problems of Modern Development 2017 (ATSU, Kutaisi, September 29-30, 2017), Georgia

Invited lecture at "Current challenges of improvement of quality assurance systems in Higher Education Institutions" (Tashkent, September 5-7, 2017), Uzbekistan

2015 Youth Empowerment & Participation, a training course in Armenia

FAIR Trade & Friends **invited a speaker** about Examples of good practice in an Academic environment. Dortmund, Germany

Ministerial **Conference** and 4th Bologna Policy Forum in Yerevan, Armenia:

Member of Czech ministerial delegation as representative of Czech Higher Education Institutions

2014 Media Bootcamp II Economia 2014

Minimum of Personal Safety & Security for travellers, **training** in Czech Republic

Training based on international standards ECHO and InterAction under Salanga supervision.

FIRST AID course and practice (finished with certificate valid until 2016)

1st **conference** on Citizen Initiatives for Global Solidarity (CIGS) in Brussels. Belgium:

"Mobilizing European Citizens for Global Development"



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CONTACT



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2012 Act locally – Sustainable Development and Young People,

training course in Macedonia

Bio-digesters in Developing Countries: Experiences from

Asia and Africa, workshop from SNV Netherland

Preserving the Oral History training course in Georgia

2011 Protected area by youth: Tradition for the future, training

course in Slovenia

ADDITIONAL EXPERIENCES

2020 Co-author of <u>CZU mobiLAB Solutions</u>

2014-2015 Redactor at the Economist (Czech weekly magazine-format

newspaper)

2012-2015 President and Founder of BeFair na ČZU

<u>BeFair na ČZU</u> is a student organization which supports ethically traded products that give us confidence that in their manufacture, there are no violations of human and labour rights, children's rights and irreversible environmental damage. We want to lead by example in socially conscious

behaviour and promote public awareness of development issues.

2011-2013 Language tutor at LINX Language Institute

2010-2011 Talent Management Manager in AISEC ČZU

AIESEC is an international not-for-profit organization that provides students with leadership training and internship opportunities at for-profit and not-for-profit organizations.

FOREIGN PLACEMENTS (RESEARCH STAYS)

2023 Vietnam – 2 weeks stay; Zambia – 4 weeks stay; Ethiopia –

2 weeks stay; Georgia – 2 weeks stay

Vietnam – 2 weeks stay; Zambia – 4 weeks stay; Syria – 1

week stay, Ethiopia – 2 weeks stay

2021 Ukraine – 3 weeks stay

2019 Vietnam – 1 month stay; Indonesia – 1 month stay; Ukraine

- 1 month stay

2018 Vietnam, Cambodia - 1 month research stay

2016-2017 Vietnam - 6 months research stay at Hue University of

Agriculture and Forestry

2016 Vietnam – 1 month research stay

2016 Indonesia – 2 months research stay at Institut Teknologi Del

2014 Sri Lanka – 1 month research stay

2013 Vietnam – 1 month research stay

2012 Vietnam – 3 months research stay



LANGUAGE SKILLS

Czech - Native speaker

English - C2 English (Proficient)

Russian - A2

German - A2

Spanish - A1





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EDUCATION

Associate Professorship (Docent) in Tropical agriculture and ecology

F<u>aculty of Tropical AgriSciences (FTA)</u>, <u>Czech</u> <u>University of Life Sciences</u>, <u>Prague</u>

Year of Graduation: 2021

 Habilitation: "Small-scale Biogas Technology as an effective tool for climate change mitigation in developing countries"

2015-2018 Ph.D. in Sustainable Rural Development in the Tropics and Subtropics

<u>Faculty of Tropical AgriSciences (FTA), Czech</u> <u>University of Life Sciences, Prague</u>

Year of Graduation: 2018

- Thesis: "Small-scale biogas technology in Southeast Asian countries: current state, bottlenecks and perspectives"
- Supervisor: Professor Jan Banout, Co-supervisor: Dr. Jana Mazancová

2013-2015 Master of Science in Sustainable RuralDevelopment in the Tropics andSubtropics

<u>Faculty of Tropical AgriSciences (FTA), Czech</u> <u>University of Life Sciences, Prague</u>

Year of Graduation: 2015

- Thesis: "Analysis of possibilities of digestate management in Thua Thien Hué Province"
- Supervisor: Dr. Jana Mazancová

2010-2013 Bachelor of Science in Sustainable Development in Tropics and Subtropics

Faculty of Tropical AgriSciences (FTA), Czech

University of Life Sciences, Prague

Thesis: "Analysis of possibilities of digestate management in Thua Thien Hué Province"

Supervisor: Dr. Jana Mazancová





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RELEVANT SCIENTIFIC PUBLICATIONS (PEER REVIEWED)

2024

Bercy, A., & **Roubík, H.** (2024). A call for modernisation of science, the case of anaerobic digestion: A scoping review. Energy Conversion and Management, 316, 118816. (IF-9.9; D1)

Ketuama, C. T., & **Roubík, H.** (2024). Economic viability and factors affecting farmers' willingness to pay for adopting small-scale biogas plants in rural areas of Cameroon. Renewable Energy, 120895. (IF-9.0; Q1)

Ningsih, L. M., Hasanudin, U., & **Roubík, H.** (2024). Acclimatisation Process of Biogas Production from Tofu Industrial Wastewater Using Biofilter in Anaerobic Baffled Reactor (ABR). Renewable Energy, 121519. (IF-9.0; Q1)

Chernysh, Y., Stejskalová, L., Soldán, P., Lai, F. Y., Khan, U. A., Lundborg, C. S., ... & **Roubík, H.** (2024). Risk Assessment as a Tool to Improve Water Resource Management. Water Resources Management, 1-17. (IF-3.9; Q1)

Hruška, A., Soukupová, J., Foltýn, I., Mrhálková, I., Pilař, L., & **Roubík, H.** (2024). The establishment of an optimised rationing system for crisis driven food insecurity, the case of Czechia. Environment, Development and Sustainability, 1-16. (IF-4.7; Q2)

Staš, J., Houdkova, M., Banout, J., Duque-Dussán, E., **Roubík, H.**, Kokoska, L. (2024). Adaptation and Validation of a Modified Broth Microdilution Method for Screening the Anti-Yeast Activity of Plant Phenolics in Apple and Orange Juice Models. Life, 14(8), 938. (IF-3.2; Q1)

Chernysh, Y., Chubur, V., **Roubik, H.** (2024). Advancing circular bioeconomy: trends, clusters, and roadmaps in biofuel production and waste valorisation. Agronomy Research 22. (SJR)

Boyko, O. O., Hapich, H. V., Mylostyvyi, R. V., Izhboldina, O. O., Chernysh, Y., Chubur, V., **Roubík, H.**, Brygadyrenko, V. V. (2024). Recycling and decontamination of organic waste in Ukraine: Current state, technologies and prospects for the biogas industry. Biosystems Diversity, 32(2), 260-269. (0.7; Q4)

Chubur, V., Hasan, G., Kára, J., Hanzlíková, I., Chernysh, Y., Sedláček, J., Wang, J. and **Roubík, H.** (2024), Utilization of citrus, date, and jujube substrates for anaerobic digestion processes. Biofuels, Bioprod. Bioref. (IF-3.2; Q2)

Boyko, O., Brygadyrenko, V., Chernysh, Y., Chubur, V., **Roubík, H.** Possibilities of decontaminating organic waste from swine-farming complexes using anaerobic digestion. Biomass Conv. Bioref. (2024). (IF-3.5; Q2)

Hapich, H., Novitskyi, R., Onopriienko, D., Dent, D., & **Roubik, H.** (2024). Water security consequences of the Russia-Ukraine war and the postwar outlook. Water Security, 21, 100167. (SJR)

Chernysh, Y., Chubur, V., Ablieieva, I., Skvortsova, P., Yakhnenko, O., Skydanenko, M., Plyatsuk, L., **Roubík, H.*** (2024). Soil Contamination by Heavy Metals and Radionuclides and Related Bioremediation Techniques: A Review. Soil Systems, 8(2), 36. (IF-2.9; Q2)





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Onopriienko, D., Makarova, T., Hapich, H., Chernysh, Y., & **Roubík, H.***, 2024. Agroecological Transformation in the Salt Composition of Soil under the Phosphogypsum Influence on Irrigated Lands in Ukraine. Agriculture, 14(3), 408. (IF-3.3; Q1)

Brunerová, A., Brožek, M., Van Dung, D., Hasanudin, U., Iryani, D. A., Chaloupková, V., & **Roubík, H.***, 2024. Manual wooden low-pressure briquetting press: An alternative technology of waste biomass utilisation in developing countries of Southeast Asia. Journal of Cleaner Production, 140624. (IF-11.1; Q1)

Dudin, V., Polehenka, M., Tkalich, O., Pavlychenko, A., Hapich, H.*, **Roubík, H.**, 2024. Ecological and economic assessment of the effectiveness of implementing bioenergy technologies in the conditions of post-war recovery of Ukraine. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu 2024 (1), 203-208. (SJR)

Chernysh, Y., Chubur, V., & **Roubík, H.**,* 2024. Environmental Aspects of Biogas Production. Biogas Plants: Waste Management, Energy Production and Carbon Footprint Reduction, 155-177. (Book chapter)

2023

Roubík, H.*, Lošťák, M., Ketuama, C.T., Soukupová, J., Procházka, P., Hruška, A., Hakl, J., Pacek, L., Karlík, P., Kocmánková Menšíková L., Jurasová, V., Amarachi Ogbu, Ch., and Hejcman, M., 2023. COVID-19 crisis interlinkage with past pandemics and their effects on food security. Global Health 19, 52.(IF.10.8; D1)

Wang, J., Huang, Z., Jiang, Q., **Roubík, H.**, Xu, Q., Gharsallaoui, A., Cai, M., Yang, K., & Sun, P. (2023). Fungal solid-state fermentation of crops and their by-products to obtain protein resources: The next frontier of food industry. Trends in Food Science & Technology, 138, 628-644. (IF-15.3; D1)

C.A. Ogbu, T.A. Ivanova, T.A. Ewemoje, Okolie, Ch.O., **Roubík, H.**, 2023. Technoeconomic analysis of electricity generation from household sewage sludge in different regions of Nigeria. Science of the Total Environment. (IF-9.8; Q1)

Bilal, E., Bellefqih, H., Bourgier, V., Mazouz, H., Dumitraş, D., Bard, F., Laborde, M., Caspar, J. P., Guilhot, B., Iatan, E., Bounakhla, M., Iancu, M. A., Marincea, Ş., Essakhraoui, M., Li, B., Diwa, R. R., Ramirez, J. D., Chernysh, Y., Chubur, V., **Roubík, H.**, Haneklaus, N. (2023). Phosphogypsum circular economy considerations: A critical review from more than 65 storage sites worldwide. Journal of Cleaner Production, 414, 137561. (IF-11.1; Q1)

Roubík, H.*, Lošťák, M., Ketuama, C.T., Soukupová, J., Procházka, P., Hruška, A., Hakl, J., Pacek, L., Karlík, P., Kocmánková Menšíková L., Jurasová, V., Amarachi Ogbu, Ch., and Hejcman, M., 2023. COVID-19 crisis interlinkage with past pandemics and their effects on food security. Global Health 19, 52.(IF.10.8; D1)

Wang, J., Huang, Z., Jiang, Q., **Roubík, H.**, Xu, Q., Gharsallaoui, A., Cai, M., Yang, K., & Sun, P. (2023). Fungal solid-state fermentation of crops and their by-products to obtain protein resources: The next frontier of food industry. Trends in Food Science & Technology, 138, 628-644. (IF-15.3; D1)





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C.A. Ogbu, T.A. Ivanova, T.A. Ewemoje, Okolie, Ch.O., **Roubík, H.**, 2023. Technoeconomic analysis of electricity generation from household sewage sludge in different regions of Nigeria. Science of the Total Environment. (IF-9.8; Q1)

Bilal, E., Bellefqih, H., Bourgier, V., Mazouz, H., Dumitraş, D., Bard, F., Laborde, M., Caspar, J. P., Guilhot, B., Iatan, E., Bounakhla, M., Iancu, M. A., Marincea, Ş., Essakhraoui, M., Li, B., Diwa, R. R., Ramirez, J. D., Chernysh, Y., Chubur, V., **Roubík, H.**, Haneklaus, N. (2023). Phosphogypsum circular economy considerations: A critical review from more than 65 storage sites worldwide. Journal of Cleaner Production, 414, 137561. (IF-11.1; Q1)

Fitri, H., Gürdil, G. A., Demirel, B., Cevher, E. Y., & **Roubík, H.***, 2023. Biomass potential from agricultural residues for energy utilization in West Nusa Tenggara (WNT), Indonesia. GCB Bioenergy. (IF-5.6; Q1)

Alekseevsky, D., Chernysh, Y., Shtepa, V., Chubur, V., Stejskalová, L., Balintova, M., ... & **Roubík, H.***, 2023. Enhancing Ecological Efficiency in Biological Wastewater Treatment: A Case Study on Quality Control Information System. Water, 15(21), 3744. (IF-3.4; Q2)

Balgah, R.A., Ketuama, Ch.T., Ngwabie, M.N., **Roubík, H.***, 2023. Africa's Energy Availability-Deficiency Paradox: Lessons from Small-scale Biogas Technology and Policy Implications. Environment, Development and Sustainability. (IF-4.9; Q2)

Dobrovolska, O., Grabovska, T., Lavrov, V., Ternovyi, Y., Jelínek, M., & **Roubik, H.***, 2023. What are the organizational and economic principles of organic farming in the context of sustainable development? Case of Ukraine. Ecological Questions, 34(4), 1–24. (IF-0.6; Q4)

Onopriienko, D., Makarova, T., Tkachuk, A., Hapich, H., & **Roubík, H.**, 2023. The influence of phosphogypsum on the salt composition of salinated soils. Land Reclamation and Water Management, (1).

Maksymova, N. M., Petrushyna, H. O., Chushkina, I. V., & **Roubík, H.**, 2023. Technological effects of explosion dumps storage on development of agro-ecosystems. Labour Protection Problems in Ukraine, 39(1-2), 68-72.

Ogbu, C.A., Ivanova, T.A., Ewemoje, T.A., Hlavsa, T. and **Roubik, H.**, 2023. Estimating the Ecological Performance of Water and Wastewater Treatment in Africa: A Meta-Analysis. Chem. Eng. Technol., 46: 1078-1088. (IF-2.1; Q3)

Hapich, H., Orlinska, O., Pikarenia, D., Chushkina, I., Pavlychenko, A., & **Roubík, H.**, 2023. Prospective methods for determining water losses from irrigation systems to ensure food and water security of Ukraine. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu. (SJR-0.2; Q3)

Grabovskyi, M., Kucheruk, P., Pavlichenko, K., **Roubík, H.***, 2023. Influence of macronutrients and micronutrients on maize hybrids for biogas production. Environmental Science and Pollution Research. (IF-5.19; Q1/Q2)

Ogbu, Ch., Ivanova, T., Ewemoje, T., Hlavsa, T., **Roubík, H**., 2023. Estimating the ecological performance of water and wastewater treatment in Africa: A meta-analysis. Chemical Engineering & Technology (IF-2.215)





roubik@ftz.czu.cz



+420-736-777-000



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Hasan, G., Mazancová, J., **Roubík, H.***, 2023. Assessment of the incubating environment for investment in biogas technology in Syria by using AHP and SWOT. Environment, Development and Sustainability. (IF-4.080; Q2/Q3)

Wang, J., Jiang, Q., Huag, Z., Wang, Y., **Roubík, H.**, Yang, K., Cai, M., Sun, P., 2023. Solid-State Fermentation of Soybean Meal with Edible Mushroom Mycelium to Improve Its Nutritional, Antioxidant Capacities and Physicochemical Properties. Fermentation 9(4), 322. (IF-5.123; Q2).

Blinkova, O., Makarenko, N., Raichuk, L., Havrylnuk, Y., Grabovska, T., **Roubík, H.***, 2023. Invasion of Parthenocissus quinquefolia (L.) Planch in the forest-steppe of Ukraine. Ecological Questions 34(1), 1-18. (ESCI)

Paramonova, K., Mazancová, J., **Roubík, H.***, 2023. Dis-adoption of small-scale biogas plants in Vietnam: What is their fate? Environmental Science and Pollution Research 30, 2329-2339. Environmental Science and Pollution Research. (IF-5.19; Q2)

2022

Ketuama, Ch.T., Mazancová, J., **Roubík, H.***, 2022. Assessment of biogas quality across rural household biogas plants in Cameroon. 22nd SGEM GeoConference – "Green Sciences for Green Life". Vienna: SGEM.

Chernysh, Y., Ablieieva, I., Chubur, V., Skvortsova, P., **Roubík, H.***, 2022. Biopotential of agricultural waste: production of biofertilizers and biofuels. 22nd SGEM GeoConference – "Green Sciences for Green Life". Vienna: SGEM

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roubik@ftz.czu.cz



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roubik@ftz.czu.cz



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roubik@ftz.czu.cz



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roubik@ftz.czu.cz



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