

CURRICULUM VITAE

Yevheniia Varyvoda, Ph.D.

1295 N Martin Ave.
Mel and Enid Zuckerman College of Public Health
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EDUCATION

V.N. Karazin Kharkiv National University, School of Geology and Geography, PhD, 2010. Dissertation title: Constructive-Geographical Foundations for the Development of Protected Areas Using Strategic Environmental Assessment (on the example of the Zmiiv, Balakliia, and Izium Districts of the Kharkiv Region. Advisor: Igor Chervanyov. Major Field: Constructive Geography and Rational Use of Natural Resources

V.N. Karazin Kharkiv National University, School of Geology and Geography, Specialist Degree, 2002. Thesis title: Strategic Assessment of Transboundary Waters on the Example of the Aral Sea. Advisor: Olena Borysova. Major Field: Geomorphology and Paleogeography

EMPLOYMENT

Assistant Professor of Practice, Program Director, Environmental Health Sciences (EHS), Department of Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2024 – present

Interim Program Director, Environmental Health Sciences (EHS), Department of Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2023 – 2024

Research Professional I, Department of Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2021-2024

Scientific Consultant/Independent Contractor, Nutrition Section, Department of Pediatrics, School of Medicine, University of Colorado, 2022

Associate Professor, Department of Environmental Protection and Occupational Health & Safety, National University of Civil Protection of Ukraine, 2010-2017

Senior Lecturer, Kharkiv University of Humanities “People’s Ukrainian Academy”, 2004-2006

Other Related Professional Experience

Visiting Associate Professor, The Main School of Fire Service, Poland, 2011

Leading national expert, Co-PI, “Country review: capacity building needs assessment for the implementation of the UN/ECE SEA Protocol”, “The National SEA Capacity Building Manual”, UNDP, 2004-2006

National Expert, Development of the National Strategy on Strategic Environmental Assessment Capacity Building in Ukraine, Regional Environmental Centre, 2005

Scientific Director, The design of regional ecological network as a part of the Pan European Ecological Network', V.N. Karazin Kharkiv National University, Ukraine, 2003-2004

HONORS AND AWARDS

CUES Distinguished Fellow, The Center for University Education Scholarship, The University of Arizona, 2025

SERVICE/OUTREACH

Local and State Outreach

University of Arizona Leads Evaluation of Arizona's Pilot Trauma Recovery Centers in Landmark Public Health Initiative. September 8, 2025. <https://publichealth.arizona.edu/news/2025/university-arizona-leads-evaluation-arizonas-pilot-trauma-recovery-centers-landmark>

Announcing the 2025 CUES Distinguished Fellows. <https://cues.arizona.edu/about-us/people/cues-distinguished-fellows/2025-cues-distinguished-fellows>

Good Food Forum + Expo. Exhibitor, presenting the E-learning training course: Nature-based solutions to support climate adaptation of Arizona's small-scale food producers. August 27, 2024.

Guest lecturer in the Young Global Leaders integrated lab experience summer program hosted by MEZCOPH Global Health Institute and the Environment, Exposure Science, and Risk Assessment Center. The topic: "Climate Change and the Future of Food", June 6, 2024

Catalyzing Climate Action: A Discussion in the wake of COP28. Panel Discussion. February 1, 2024, The University of Arizona.

Sustainable Tucson. COP28: UA Delegates Report on Their Observations & Local Implications. Panel Discussion. January 9, 2024. <https://sustainabletucson.org/cop28-ua-delegates-report-on-their-observations-local-implications/>

Inside Climate News. Could 'One Health' be the Optimal Approach for Human, Animal and Environmental Health? September 1, 2023. <https://insideclimatenews.org/news/01092023>

International Outreach

Topic Co-Editor: "Ecosystem-based adaptation: a holistic approach to pursue multiple benefits". Participating Journals: Environments, Systems, Urban Science, Sustainability, Land, Forests. MDPI, 2024 – present.

Dr. Yevheniia Varyvoda. Factors Influencing the Adoption of Sustainable Agricultural Practices. The Green Institute. December 2025.

College Committees

Education Committee Member, 2025 – present

DEVELOPMENT ACTIVITIES

2nd Public Health and AI Summer School, 8-11 June 2026

The 2026 Cohort of the Transdisciplinary Research Academy. January – May 2026

Information Security Annual Refresher Training, 18 February 2026

Safety Preparedness Training: Active Shooter, 25 November 2025

Research Security Certification, 9 November 2025

1st Public Health and AI Summer School, 9-12 June 2025

HIPAA Annual Certification, 25 May 2025

Trauma Recovery Centers (TRC) Training & Technical Assistance, February 2025 – March 2026

TRC Supervision & Training with NATRC Training & Technical Assistance Team, April 2025 – March 2026

Mandatory Annual Information Security Awareness Training, 3 March 2025

Information Security Awareness Certification, 3 March 2025

Engaging with the Scholarship of Teaching and Learning (SoTL) Workshop, January 30, February 6, February 27, 2025

Driver Certification, 2 August 2024

FERPA Training: For Instructors and Instructional Support Teams, 3 July 2024

The Project Management for Researchers course taught by Anne Maglia, Vice Chancellor for Research & Innovation at the University of Massachusetts Lowell (October - November 2023), UA

The General Education Quick Start Live-Online Course (October 2023), UA

Participated in the research study by the Johns Hopkins Center for a Livable Future and the Bloomberg Center for Government Excellence. The study aimed to understand the landscape of food system resilience in jurisdictions across the United States and to evaluate the new resource "Food System Resilience: A Planning Guide for Local Governments" (August 2023)

IRB: Social & Behavioral Research Investigators Certification (CITI), 24 May 2023

Conflict of Interest Required Disclosure Training Certification, 27 February 2023

FERPA Training: For Instructors and Instructional Support Teams, 30 August 2021

Time and Labor: Supervisor Responsibilities, 13 August 2021

Driver Registration, 9 June 2021

MASHAV International Training Course “Environmental Management of Nature Parks and Reserves”, Israel, December 2016

COURSES TAUGHT (since 2021)

GenEd CPH/GHI 230: Public Health, Climate Change, and Resilient Food Systems

GenEd CPH/GHI 315: Sustainable Healthy Diets

GenEd HPS 316: Global Food Systems and Human Health

CPH/GHI 432/532: Food in 2050 and Beyond: Climate Change and Global Health

CPH/GHI 481/581: Crisis-Ready Food Systems

HPS 416/516: The World’s Food and Health

Instructional Design

Root, A., **Varyvoda, Y.**, Foerster, T., Mars, M. (2024). E-training course: "Nature-based solutions to support climate adaptation of Arizona’s small-scale food producers". The University of Arizona.

Colombo, P., Embry, D., Healy, E., Iyengar, S., Lim, C., Root, A., Stein, I., **Varyvoda, Y.** (2023). E-training course: "Digital Technologies for Public Health and Climate Communication". Western Region Public Health Training Center, The University of Arizona.

Root, A., **Varyvoda, Y.** (2022). E-training course: "Food Systems Initiatives to Advance Health Equity" Western Region Public Health Training Center, The University of Arizona.

Root, A., **Varyvoda, Y.** (2022). E-training course: "Advancing Food Safety for Public Health". Western Region Public Health Training Center, The University of Arizona.

PUBLICATIONS

Chapters in Scholarly Books (original research)

Varyvoda, Y.O., & Sadkovyi, V.P. (2017). Management of Protected Areas Based on Strategic Environmental Assessment: A Monograph. Kharkiv: National University of Civil Defense of Ukraine. 102 pp.

Abramov, I.B., Borysova, O.B., **Varyvoda, Y.O.**, et al. (2008). Ukrainian national handbook on the implementation of Strategic Environmental Assessment in the national system of forecasting, planning, and environmental assessment (O. B. Borysova, A. Yurkeviciute, & G. Martonakova, Eds.). Kharkiv: NTK Institute of Monocrystals. 104 pp.

Chapters in Scholarly Books (textbooks)

Varyvoda, Y.O. (2017). Geology with fundamentals of geomorphology: Course manual. Kharkiv: National University of Civil Protection of Ukraine. 120 pp.

Varyvoda, Y. & Sarapina, M. (2016). Hydrology, meteorology, and climatology: Course manual. Kharkiv,

Ukraine: National University of Civil Protection of Ukraine. 367 pp.

Andronov, V.A., **Varyvoda, Y.O.**, & Titenko, H.V. (2013). Protected Areas Management: Educational Textbook. Kharkiv: National University of Civil Protection of Ukraine, 204 pp.

Loboichenko, V.M., **Varyvoda, Y.O.**, Artemiev, S.R., Vasiukov, O.Ye., Kovrehin, V.V., & Andronov, V.A. (2013). Ecology: Course manual. Kharkiv: National University of Civil Protection of Ukraine. 135 pp.

Artemiev, S.R., **Varyvoda, Y.O.**, Kovrehin, V.V., & Andronov, V.A. (2013). Ecology, environmental protection, and sustainable nature management: Methodological guidelines for organizing and conducting field training practice for second-year students. Kharkiv, Ukraine: National University of Civil Protection of Ukraine. 69 pp.

Referred Journal Articles

Varyvoda, Y., Yurika, R., Chukwuonye, GN., et al. (2026). Barriers and enablers to scaling implementation of Trauma Recovery Center model of care: a protocol for scoping review. *BMJ Open* 2026; 16:e107117. doi: 10.1136/bmjopen-2025-107117

Varyvoda, Y., Long, J., Burniske, G., Taren, D. (2026). Scalable Post-Farmgate Innovations in Food Systems: A Scoping Review for Low- and Middle-Income Countries, *Nutrition Reviews*; nuag007; <https://doi.org/10.1093/nutrit/nuag007>

Patel, R.R., **Varyvoda, Y.**, Baroud, H., Landrigan, P.J. and Kilungu, A. (2025) 'Health and Climate at COP29: Advancing Integration and Bridging Research Gaps', *Annals of Global Health*, 91(1), p. 66. Available at: <https://doi.org/10.5334/aogh.4895>.

Varyvoda, Y., Thomson, A., & Bruno, J. (2025). Factors Influencing the Adoption of Sustainable Agricultural Practices in the U.S.: A Social Science Literature Review. *Sustainability*, 17(15), 6925. <https://doi.org/10.3390/su17156925>

Varyvoda, Y. Conference of the Parties (COP) 28 Takeaways at the Intersection of Health, Climate, and Food, *Nutrition Reviews*, 2024;, nuae083, <https://doi.org/10.1093/nutrit/nuae083>

Varyvoda, Y.; Foerster, T.A.; Mikkola, J.; Mars, M.M. Promising Nature-Based Solutions to Support Climate Adaptation of Arizona's Local Food Entrepreneurs and Optimize One Health. *Sustainability* 2024, 16, 3176. <https://doi.org/10.3390/su16083176>

Varyvoda, Y., & Taren, D. (2023). COP 27 insights to increase food-systems climate adaptation and resilience. *Nutrition Reviews*. <https://doi.org/10.1093/nutrit/nuad035>

Varyvoda, Y., & Taren, D. (2022). Considering ecosystem services in food system resilience. *International Journal of Environmental Research and Public Health*, 19(6), 3652. <https://doi.org/10.3390/ijerph19063652>

Varyvoda, Y., Akseer, N., Sadkovi, V., Carmona, R., Muramoto, M., Wazny, K., San Martin, T., & Taren, D. (2022). Public Health in Practice, 4, 100296. Ukraine's most vulnerable need healthcare: priorities during the armed conflict. doi: 10.1016/j.puhip.2022.100296

Varyvoda, Y., Cederstrom, T., Borberg, J., & Taren, D. (2021). Enabling Food Safety Entrepreneurship: Exploratory Case Studies from Nepal, Senegal, and Ethiopia. *Frontiers*. <https://doi.org/10.3389/fsufs.2021.742908>

Varyvoda, Y.O. (2017). Management of the Nature Protected Areas and Objects in the Frame of Ecosystem Approach (Case Study of Kharkiv Region). *Visnyk of V. N. Karazin Kharkiv National University. Series Ecology*, (16), 53-60. <https://doi.org/10.26565/1992-4259-2017-16-07>

Sarapina, M.V., & **Varyvoda, Y.O.** (2016). Features of ecosystem functioning under conditions of radioactive contamination: From degradation to recovery. *Man and Environment. Issues of Neoeology*, 3–4 (26), 83–89.

Peregrym, M., Fedoriak, M., Polchaninova, N., **Varyvoda, Y.**, Vertyporokh, N., & Osypchuk, O. (2016). MASHAV International Training Course “Environmental Management of Nature Parks and Reserves” (Tel Aviv–Kibbutz Ketura–Jerusalem, Israel). *Ukrainian Botanical Journal*, 73 (6), 621–623.

Chervanyov, I.G., & **Varyvoda, Y.O.** (2015). Application of geoecological vulnerability assessment to the prevention of emergencies. *Bulletin of Kharkiv National University*, 42 (1157), 138–142.

Rybalova, O.V., Belan, S.V., **Varyvoda, Y.O.**, Savichev, A.A., & Kozlovska, O.V. (2014). Determination of hazard of recreational water use in the Ukrainian part of the Siverskyi Donets River basin. *Scientific Works of Donetsk National Technical University. Problems of Ecology*, 1 (33), 15–21.

Andronov, V.A., & **Varyvoda, Y.O.** (2013). State Mechanisms for Implementing Environmental Assessment in the Context of Emergency Prevention and Response. *Theory and Practice of Public Administration*, 4(43), 1–9.

Varyvoda, Y.O. (2013). Methodological approaches to assessing the environmental impacts of emergency situations. *Environmental Safety and Sustainable Resource Use: Scientific and Technical Journal*, 2(8), 61–67.

Varyvoda, Y.O. (2013). Strengthening the emergency governance system through environmental assessment implementation (a case study of Ukraine). *Science and Education a New Dimension: Natural and Technical Sciences*, I(2), Issue 15, 47–51.

Vasiukov, A.Ye., Ivanov, E.V., Loboichenko, V.M., & **Varyvoda, Y.O.** (2013). On the calculation of pollutant mass when assessing environmental damage from emergencies caused by water resource contamination. *Problems of Emergencies*, 18, 33–41.

Vasiukov, O.Ye., **Varyvoda, Y.O.**, Andronov, V.A., & Ivanov, Ye.V. (2012). Technogenic and environmental aspects of the life cycle of emergencies. *Bulletin of the National Technical University “KhPI”: New Solutions in Modern Technologies, Kharkiv: NTU “KhPI”*, (34), 104–110.

Vasiukov, O.Ye., Ivanov, E.V., & **Varyvoda, Y.O.** (2012). Main stages of the life cycle of technogenic emergency situations. *Problems of Ensuring Safety During Emergency Response*, (1), 272–274.

Rybalova, O.V., **Varyvoda, Y.O.**, & Belan, S. V. (2011). Assessment of the Hazards of Recreational Use of Watercourses in Kharkiv Region as an Important Indicator of Quality of Life. *Eastern-European Journal of Enterprise Technologies*, 3(11), 30–33.

Rybalova, O.V., **Varyvoda, Y.O.**, & Skyba, V.A. (2011). Specific features of assessing environmental risk of soil contamination. Bulletin of the National Technical University "KhPI". Series: New Solutions in Modern Technologies, (58), 64–70.

Andronov, V.A., & **Varyvoda, Y.O.** (2011). Human-induced transformation of relief as a precondition for geomorphological emergency situations: A case study of Kharkiv Region. Bulletin of the Lviv State University of Life Safety, (5), 140–145.

Rybalova, O.V., Belan, S.V., & **Varyvoda, Y.O.** (2010). Determining the Level of Environmental Hazard in the Regions of Ukraine Based on Environmental Risk Assessment. Collection of Scientific Papers of the National University of Civil Protection of Ukraine, (12), 132–142.

Varyvoda, Y.O., & Chervanov, I.H. (2010). Topological analysis of the ecological framework of a local ecological network. Ukrainian Geographical Journal, (1), 48–52.

Andronov, V.A., & **Varyvoda, Y.O.** (2010). Identifying pathways for optimizing the management of protected areas and objects within the nature reserve fund. Problems of Ecology, (1–2), 171–178.

Varyvoda, Y.O. (2009). Constructive-Geographical Foundations for the Development of Protected Areas Using Strategic Environmental Assessment (A Case Study of Zmiiv, Balakliia, and Izium Districts of Kharkiv Region). Bulletin of V. N. Karazin Kharkiv National University. Series: Ecology, 849 (4), 55–60.

Varyvoda, Y.O. (2009). Analysis of the effectiveness of the functioning of the network of protected areas and sites in the Zmiiv, Balakliia, and Izium districts of Kharkiv Region. Scientific Notes of Vinnytsia State Pedagogical University. Series: Geography, (19), 84–90.

Varyvoda, Y.O. (2006). Strategic environmental assessment as a tool for identifying priority measures for environmental protection (a case study of the Prydonetskyi natural region). Bulletin of V. N. Karazin Kharkiv National University. Series: Geology–Geography–Ecology, 736, 12–16.

Varyvoda, Y.O. (2005). Specific features of strategic environmental assessment of the Prydonetskyi natural region. Scientific Notes of the Kharkiv Institute of Management, (17), 36–40.

Varyvoda, Y.O. (2005). The Prydonetsk natural region of the national ecological network: Features of strategic environmental assessment. Culture of the Peoples of the Black Sea Region, 67, 14–17.

Varyvoda, Y.O. (2004). Regional development of alternative energy using the Prydonetskyi natural region as a case study. Environmental protection from anthropogenic pressure, 10 (12), 51–57.

Varyvoda, Y.O. (2003). Strategic environmental assessment as an instrument of sustainable development of an eco-energy region. Bulletin of V. N. Karazin Kharkiv National University, 584(03), 45–47.

Varyvoda, Y.O. (2003). Prospects for applying Strategic Environmental Assessment in Ukraine. Bulletin of the Kharkiv Institute of Social Progress. Series: Ecology, Technogenic Safety and Social Progress, 3(5), 218–224.

Varyvoda, Y. & Chervanov, I. (2003). Transboundary aspects of regional environmental problems (the case of the Aral region). Social Economy, 2, 108–118.

Varyvoda, Y.O. (2002). Strategic environmental assessment of a region for alternative energy development. Bulletin of V. N. Karazin Kharkiv National University, 563'02, 294–299.

Varyvoda, Y.O. (Yaroschuk). (2002). Geographical foundations in the system of strategic environmental assessment. Bulletin of V. N. Karazin Kharkiv National University, 563'02, 192–194.

Published Professional Reports

Taren, D., & **Varyvoda, Y.**, Long, J. Scoping Exercise Report: Post-Farmgate Food Processing, Food Packaging and Food Storage (2022). A report produced for Feed the Future Food Systems for Nutrition Innovation Lab, Tufts University, Boston. August 15, 2022

Taren, D., & **Varyvoda, Y.** Technical input from Lauretti-Bernhard, R. and Eason, J. (2021). Food Safety and Nutrition: Feedback from the Field. A report produced for Feed the Future Business Drivers for Food Safety, funded by USAID, and implemented by Food Enterprise Solutions. Arlington, Virginia, USA. https://pdf.usaid.gov/pdf_docs/PA00XV2K.pdf

Borysova, O., & **Varyvoda, Y.** (2006). National strategy for the implementation of Strategic Environmental Assessment and fulfillment of the UNECE SEA Protocol requirements: Ukraine. UNDP, EIA, REC; 31 pp. Available at: https://unece.org/fileadmin/DAM/env/eia/documents/SEA_CBNA/Ukraine_strategy_uk.pdf

Borysova, O., & **Varyvoda, Y.** (2004). Country review: Capacity building needs assessment for the implementation of the UN/ECE Strategic Environmental Assessment (SEA) Protocol: Ukraine. UNDP, EIA, REC; 19 pp.

CONFERENCES/SCHOLARLY PRESENTATIONS

Invited Presentations

Varyvoda, Y. (2025). Social Science Perspectives on Sustainable Agricultural Transitions in the U.S. Food System. The Annual World Food Day Conference, The Green Institute, 17 October 2025

Submitted Presentations

Chukwuonye, GN., **Varyvoda, Y.**, Yurika, R., Soto, S., Manygoats, T., Ehiri, J. (2026). Scaling the trauma recovery center (TRC) model: Early implementation lessons from Arizona's pilot TRCs. APHA 2026 Annual Meeting and Expo, San Antonio, November 1-4, 2026.

Varyvoda, Y., Brady, H., Navarrete, M. (2026). Trauma Recovery Centers in Arizona: Implementation in Practice. AzPH Annual Conference “From Crisis to Care: Improving Outcomes in Arizona’s Behavioral Health System”, Phoenix, 1 May 2026.

Varyvoda, Y., Yurika, R., Kilungo, A., S., Manygoats, T., Boswell, K., Ehiri, J. (2025). Building Evidence for the Implementation and Evaluation of Newly Established Trauma Recovery Centers: A Case Study from Arizona. APHA 2025 Annual Meeting and Expo, Washington D.C., 4 November 2025

Varyvoda, Y. (2024) Exploring the maladaptation of nature-based solutions in food systems of the Southwest. SCORCH Collaboration Building & Networking Workshop, 15 August 2024

Varyvoda, Y., Reynolds, K., von Hippel F.A. (2023). The One Health Occupational Outlook. Proceedings of the 2nd International One Health Conference “Bridging the gap: from science to policy from policy to implementation”. Barcelona, Spain, October 19-20, 2023.

Varyvoda Y., Taren D. (2022). Advancing Food System Resilience by Pseudocereals Utilization. World Academy of Science, Engineering and Technology International Journal of Energy and Environmental Engineering 16(11):1. <https://publications.waset.org/abstracts/144413/advancing-food-system-resilience-by-pseudocereals-utilization>

Varyvoda, Y. (2017). Landscape approach to ecosystem services assessment in the field of nature conservation. In Proceedings of the 8th Planta Europa Conference “Save Plants for Earth’s Future”. Kyiv, Ukraine, May 22–26, 2017; p. 66.

Varyvoda, Y.O. (2017). Application of the DPSIR methodology for the development of professional competence of an ecology specialist. In Proceedings of the International Scientific-Practical Conference “Teaching Methods of Natural Sciences in Secondary and Higher Education” (XXIV Karyshyn Readings). Poltava, Ukraine, May 18-19, 2017; pp. 57-59.

Varyvoda, Y.O. (2017). Nature protected areas, agriculture, and ecosystem services: Learning from regional case studies. In Ecology, Environmental Protection and Balanced Environmental Management: Education–Science–Production–2017: Proceedings of the XX International Scientific Conference dedicated to the 10th anniversary of the School of Ecology. Kharkiv, Ukraine, April 19–22, 2017; pp. 41–42.

Chervanyov, I.G., & **Varyvoda, Y.O.** (2016). The concept of geoecological vulnerability assessment in cases of emergencies. In Problems of technogenic and environmental safety: Education, science, practice: Proceedings of the All-Ukrainian Scientific-Practical Conference. Kharkiv, Ukraine, 2016; p. 220.

Varyvoda, Y.O., & Diadchenko, A.V. (2016). Strategic environmental assessment in the management of protected natural areas. In Problems of technogenic and environmental safety: Education, science, practice: Proceedings of the All-Ukrainian Scientific-Practical Conference. Kharkiv, Ukraine, 2016; pp. 134–135.

Andronov, V., & **Varyvoda, Y.** (2015). Strengthening coping capacity for emergencies through assessment of geoecological vulnerabilities: A case study of Ukraine. In Proceedings of the First European Conference on Earth Sciences. Vienna, Austria, February 25, 2015; pp. 40–46.

Varyvoda, Y.O., & Andronov, V.A. (2014). Geoecological foundations of management in the field of prevention and elimination of emergency consequences. In Fire and Emergency Safety: Proceedings of the IX International Scientific-Practical Conference. Ivanovo, Russia, November 20–21, 2014; pp. 326–329.

Varyvoda, Y.O. (2014). Roadmap of a specialist in occupational safety (the case of the United States). In Occupational safety: Education, science, practice: Proceedings of the All-Ukrainian Scientific-Practical Conference. Kharkiv, Ukraine, November 20, 2014; pp. 111–112.

Varyvoda, Y.O. (2014). Geoecological foundations of prevention and elimination of emergencies. In Current problems of fire safety, prevention, and elimination of emergencies: Proceedings of the V International Scientific-Practical Conference. Kokshetau, Kazakhstan, October 9–10, 2014; pp. 88–90.

Varyvoda, Y., & Chervanyov, I. (2014). Geoecological fundamentals of safety assessment in cases of

emergencies. In Proceedings of the 2nd International Academic Congress "Fundamental and Applied Studies in America, Europe, Asia and Africa". New York, NY, USA, September 27, 2014; Vol. II; pp. 427–434. New York, NY: Columbia Press.

Varyvoda, Y. (2014). Landscape approach in the elimination of emergency situation consequences. In Emergency situations: Theory, practice, innovations: Proceedings of the International Scientific-Practical Conference. Gomel, Belarus, May 22–23, 2014; p. 296.

Rybalova, O.V., **Varyvoda, Y.O.**, & Savichev, A.A. (2014). Comprehensive health risk assessment for the population of Donetsk region. In Proceedings of the 10th International Scientific-Practical Conference "Future Studies"; Vol. 39, Ecology. Sofia, Bulgaria, February 17–25, 2014; pp. 26–27.

Varyvoda, Y. (2013). Environmental assessment as a tool of environmental protection activities in cases of emergencies. In Proceedings of the IX International Scientific-Practical Conference "Current Problems of Ecology"; Vol. 2. Grodno, Belarus, October 23–25, 2013; pp. 11–13.

Varyvoda, Y. (2013). On the assessment of environmental aspects of emergency situations. In Innovative technologies for protection against emergency situations: Proceedings of the International Scientific-Practical Conference. Minsk, Belarus, September 26–27, 2013; p. 183.

Varyvoda, Y., & Beliaeva, D. (2013). Methodology of rapid environmental impact assessment in emergency situations. In Proceedings of the XXI International Scientific-Technical Conference "Environmental and Technogenic Safety. Protection of Water and Air Basins. Waste Management". Kharkiv National University of Civil Engineering and Architecture.

Varyvoda, Y., Vasiukov, O. (2012). The prerequisites for environmental assessment implementation in case of emergencies. In Proceedings of the 1st International Scientific and Practical Conference "Environmental Safety and Sustainable Resource Management". Ivano-Frankivsk National Technical University of Oil and Gas, Ivano-Frankivsk, Ukraine, 2012; pp. 24–25.

Andronov, V.A., & **Varyvoda, Y.O.** (2012). Strategic environmental assessment in the management system of the nature reserve fund. In Proceedings of the 3rd International Conference "Current Problems of Biology, Ecology and Chemistry," dedicated to the 25th anniversary of the Faculty of Biology. Zaporizhzhia, Ukraine, May 11-13, 2012; pp. 469–470.

Varyvoda, Y., & Andronov, V. (2012). Environmental management system in the prevention of emergencies. In Emergency situations: theory, practice, and innovations: Proceedings of the International Scientific and Practical Conference. Gomel, Belarus, May 24–25, 2012; pp. 20-21.

Andronov, V.A., Vasiukov, O.Y., & **Varyvoda, Y.O.** (2012). Prerequisites for implementing environmental assessment of emergency situations. In Proceedings of the 1st All-Ukrainian Scientific and Practical Conference "Current Issues of Management in the Field of Civil Protection". Kharkiv, Ukraine, April 25, 2012; pp. 23–26.

Varyvoda, Y., & Andronov, V. (2012). Prevention and mitigation of emergency consequences based on environmental assessment. In Proceedings of the International Symposium "Ecologist's Week – 2012. Dniprodzerzhynsk, Ukraine, October 1-5, 2012; pp. 99–102.

Varyvoda, Y., Abramov, I., & Vasiukov, O. (2012). Assessment of the environmental impacts of emergency

situations. In Environmental aspects of regional partnership in emergency situations: Proceedings of the 1st Interuniversity Scientific and Methodological Conference. Kharkiv, Ukraine, November 21; pp. 18-20.

Varyvoda, Y., & Andronov, V. (2012). Development of the potential of regional cooperation in preventing environmental consequences of emergency situations. In Proceedings of the 1st International Scientific and Practical Conference "Environmental Safety as the Basis of Sustainable Development of Society". Lviv, Ukraine, November 29–30; pp. 3-5.

Varyvoda, Y., & Andronov, V. (2011). Regulatory prerequisites for developing a methodology for environmental assessment of emergency situations. In Proceedings of the International Scientific and Practical Conference "Theory and Practice of Emergency Response". Cherkasy, Ukraine, December 9–10; pp. 45-47.

Varyvoda, Y., & Andronov, V. (2011). GIS as a tool for managing the development of the ecological network. In Proceedings of the 2nd International Scientific and Technical Conference "Modern Directions of Development of Information and Communication Technologies and Management Tools". p. 59.

Varyvoda, Y., & Andronov, V. (2011). Environmental assessment as a capacity-building tool for the emergency prevention system. In Proceedings of the 4th International Scientific and Practical Conference "Ecology, Education, Science, Industry, and Health". Belgorod, Russia; pp. 372–373.

Varyvoda, Y., & Andronov, V. (2011). Environmental assessment in the emergency prevention system: national and international context. In Proceedings of the 4th International Scientific and Practical Conference "Emergency Situations: Prevention and Response". Civil Protection Institute of the Ministry of Emergency Situations of the Republic of Belarus; pp. 42-44.

Varyvoda, Y., & Andronov, V. (2011). Management of emergency geomorphological situations in the environmental safety system. In Safety of life in environmental and occupational settings: Proceedings of the 1st International Scientific Conference "Environmental and Occupational Safety of Humans". Kharkiv, Ukraine; pp. 109–110.

Varyvoda, Y., & Andronov, V. (2010). Implementation of strategic environmental assessment to support decision-making in the field of environmental safety. In Proceedings of the International Scientific and Practical Conference "Problems of Environmental Safety and Environmental Quality. Lviv, Ukraine, December 17–18, 2010; pp. 124-125.

Varyvoda, Y. (2010). Protection and rational use of lands of the nature reserve fund. In Proceedings of the International Scientific Symposium "Ecologist's Week – 2010." Dniprodzerzhynsk, Ukraine, 2010; pp. 30-31.

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GRANTS and CONTRACTS (since 2020)

Current grants (State/Foundation/Other)

Unlocking the Potential of Game-Based Learning to Integrate Nature-based Solutions into Public Health Education. (Co-PI: Mona Arora). The University of Arizona, CUES. 09/01/2025-05/25/2028

Evaluation of Arizona Trauma Recovery Centers. Co-PI (PI: John Ehiri). Arizona Department of Health Services. 08/01/2024- 07/31/2029.

Completed Research Support

Science for Sustainable Agricultural Transitions Literature Review. PI. The Foundation for Food and Agriculture Research. 09/01/2024- 03/01/2025

Exploring the Climate Adaptation Potential of Nature-Based Solutions to Strengthen Food System Resilience and Benefiting One Health in Arizona. PI. (Co-PI: Matthew Mars). The University of Arizona Health Sciences: One Health Initiative Pilot Grant. 04/01/2023-03/31/2024.

The development of the E-training course “Digital Technologies for Public Health and Climate Communication”. PI. The University of Arizona. Mel & Enid Zuckerman College of Public Health. Dean’s Strategic Initiative and Innovation Fund program. 01/13/2023 – 10/13/2023.

Conducting a scoping review on innovations related to post-farmgate food processing, packaging, and storage that can be scaled up in low and middle-income countries". Co-PI. (PI: Douglas Taren; Co-PI: Julie Long) USAID, Tufts University Nutrition Innovation Lab. 06/01/2022 – 10/30/2022.

The development of a concept paper on Resilience Research for Development Challenges 'Considering Ecosystem Services in Food System Resilience'. Co-PI. (PI: Douglas Taren). The University of Arizona, Arizona Institutes for Resilience – International Programs. 06/01/2021 – 10/31/2021.

Conducting an exhaustive literature review and expert consultations on the dynamic interactions between human nutrition, food-borne pathogens, and food safety, especially to identify the key issues for nutritionally vulnerable populations within selected Feed the Future countries: Nepal, Senegal, and Ethiopia". Co-PI. (PI: Douglas Taren). USAID. Feed the Future. Food Enterprise Solutions. 08/01/2020 – 08/01/2021.