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WoS ID: I-4030-2019

September 2024

CURRICULUM VITAE

General Information

Name:	Angel M. Dzhambov
Title:	Assoc. Prof., Dr. Sc.
Date and place of birth:	1989 in Plovdiv, Bulgaria
Citizenship:	Bulgarian
Languages:	Bulgarian, English (C2), Spanish, Russian

Education/Degrees

11/2020 – 05/2023	Specialization (PGDip) in Environmental Health, MU-Plovdiv, Bulgaria
10/2019 to 06/2020	PGCert in Evolutionary Psychology and Psychiatry, MU-Plovdiv, Bulgaria
05/2019 to 09/2019	DSc (higher doctorate) in Psychiatry, Faculty of Medicine, MU-Plovdiv, Bulgaria
06/2016 to 12/2019	Specialization (PGDip) in General Hygiene, MU-Plovdiv, Bulgaria
02/2016 to 11/2017	PhD in (Environmental) Hygiene, Faculty of Public Health, MU-Plovdiv, Bulgaria
09/2009 to 10/2015	MSc in Medicine (Medical Doctor), MU-Plovdiv, Bulgaria

Work Experience

03/2024 to present	Scientific Secretary, Research Institute at MU-Plovdiv, Medical University of Plovdiv, Bulgaria
03/2024 to present	Associate Professor, Research Institute at MU-Plovdiv, Medical University of Plovdiv, Bulgaria
07/2023 to present	Head of Environmental Health Division, Research Institute at MU-Plovdiv, Medical University of Plovdiv, Bulgaria
02/2023 to present	Leader of Research Group “Health and Quality of Life in a Green and Sustainable Environment”, Medical University of Plovdiv, Bulgaria
06/2020 to present	Universitäts-Projektassistent, Institut für Straßen- und Verkehrswesen, Technische Universität Graz, Austria

02/2022 to 03/2024	Associate Professor at the Department of Hygiene, Faculty of Public Health, Medical University of Plovdiv, Bulgaria
09/2019 to 02/2022	Senior Assistant Professor at the Department of Hygiene, Faculty of Public Health, Medical University of Plovdiv, Bulgaria
04/2019 to 08/2021	Postdoctoral researcher at the Faculty of Public Health, Medical University of Plovdiv, Bulgaria
11/2016 to 09/2019	Assistant Professor at the Department of Hygiene and Ecomedicine, Faculty of Public Health, Medical University of Plovdiv, Bulgaria

Research Interests

- Environmental and occupational noise exposure
- Green/blue spaces and health
- Environmental epidemiology and psychology
- Systematic reviews and meta-analyses
- Statistical modelling
- Medical geography
- Clinical epidemiology

Teaching

Lectures in the fields of Environmental Hygiene, Occupational Hygiene, Radiation Hygiene, Childhood and Adolescence Hygiene, and Nutrition with students in health-related disciplines.

International Projects

- Building individual and community resilience through nature-based therapies (Acronym: "RESONATE"). Grant agreement ID: 101081420. Horizon Europe, Call: HORIZON-CL6-2022-COMMUNITIES-02-two-stage. Topic: Nature-based therapy for health and well-being. Type of action: RIA (Research and Innovation Action). Principal investigator of MU-Plovdiv and lead of Case Study 3. Start date: 06.2023. Duration 48 months.
- Strategic research and innovation program for the development of MU - Plovdiv (SRIPD-MUP). Contract BG-RRP-2.004-0007-C01, funded under the EU Recovery and Resilience Mechanism NextGenerationEU – "A Program to Accelerate Economic Recovery and Transformation through Science and Innovation", Pillar 2 "Establishment of a Network of Research Universities in Bulgaria." Research group lead and leading researcher. Start date: 01.2023. End date: 06.2026.
- Air pollution, sources and health impacts in Southeast Europe. Health Effects Institute (HEI) project funded by the Clean Air Fund (<https://www.cleanairfund.org/>). February 2021 – September 2022.
- Atrial fibrillation integrated approach in frail, multimorbid, and polymedicated older people (Acronym: "AFFIRMO"). Grant agreement ID: 899871. Horizon 2020, Call: 2020-SC1-BHC-2018-2020 (Better Health and care, economic growth and sustainable health systems). Topic: SC1-BHC-24-2020 (Healthcare interventions for the management of the elderly multimorbid patient). Type of action: RIA (Research and Innovation Action). Start date: 01.05.2021. Duration 60 months.
- Early Environmental quality and life-course mental health effects (Acronym: "Equal-Life"). EU project: 874724. Horizon 2020, Call: 2020-SC1-BHC-2018-2020 (Better Health and care, economic growth and sustainable health systems). Topic: SC1-BHC-28-2019 (The Human Exposome Project: a toolbox for assessing and addressing the impact of environment on health). Type of action: RIA (Research and Innovation Action). Start date: 01.01.2020. Duration 48 months.
 - WHO/ILO joint methodology for estimating the work-related burden of disease and injury: Systematic review on the effect of exposure to occupational noise on cardiovascular disease (WG9) (3 May – 3 November 2019); Systematic review of prevalence studies of occupational exposure to noise (WG8) (10 January – 10 June 2020); & Systematic review on the effect of occupational exposure to welding fumes on lung cancer (WG15) (03 March

– 03 September 2020). (Grant 1E11OH0010676-02; Grant 6NE11OH010461-02-01; Grant 5NE11OH010461-03-00; WHO specified award ref. 70672; WHO specified award ref. 71208).

National Projects

- Development of methodology for the assessment of air quality and its impact on human health in an urban environment. № КП-06-ПН54/12. National project funded by the Bulgarian National Science Fund (BNSF) of Bulgaria. 1.11.2021 – 1.11.2024.
- National Program „Environmental Protection and reduction of the risk of adverse events and natural disasters “. WP.I.5.2 Analysis of health status of the population aimed at uncovering its associations with atmospheric environment and urban atmospheric environment (№ 577/17.08.2018, Agreement MES-BAS № Д01-279/03.12.2021 г.). 22.02.2022 – 30.11.2022.
- National program "Young Scientists and Postdoctoral Candidates" of the Ministry of Education and Science of Bulgaria (2019-2021).

Membership in Scientific and Professional Organizations

- International Society for Environmental Epidemiology
- European Public Health Association
- Bulgarian Public Health Association
- Bulgarian Medical Union
- Medical Network of Association Air for Health

Selected A1-publications (peer-reviewed, listed in SCI) in the last 10 years

1. **Dzhambov AM**, Dimitrova DD, Dimitrakova ED. Association between residential greenness and birth weight: Systematic review and meta-analysis. *Urban Forestry & Urban Greening*. 2014;13(4):621-9. (IF 2014 = 2.109) ISSN: 1618-8667
2. **Dzhambov AM**, Dimitrova DD. Elderly visitors of an urban park, health anxiety and individual awareness of nature experiences. *Urban Forestry & Urban Greening*. 2014;13(4):806-13. (IF 2014 = 2.109) ISSN: 1618-8667
3. **Dzhambov A**, Dimitrova D. Neighborhood noise pollution as a determinant of displaced aggression: A pilot study. *Noise & Health*. 2014;16(69):95. (IF 2014 = 1.477) ISSN: 1463-1741
4. **Dzhambov AM**, Dimitrova DD. Development and feasibility of perceived noise exposure scale. *Noise Control Engineering Journal*. 2014;62(2):102-9. (IF 2014 = 0.227) ISSN: 0736-2501
5. **Dzhambov AM**, Dimitrova DD. Urban green spaces' effectiveness as a psychological buffer for the negative health impact of noise pollution: A systematic review. *Noise & Health* 2014;16:157-65. (IF 2014 = 1.477) ISSN: 1463-1741
6. **Dzhambov AM**, D Dimitrova D, H Turnovska T. Improving traffic noise simulations using space syntax: preliminary results from two roadway systems. *Archives of Industrial Hygiene and Toxicology*. 2014;65(3):259-72. (IF 2014 = 0.932) ISSN 0004-1254
7. **Dzhambov AM**, Dimitrova DD. Psychometric properties of the Bulgarian translation of Noise Sensitivity Scale Short Form (NSS-SF): Implementation in the field of noise control. *Noise & Health* 2014;16:361-7. (IF 2014 = 1.477) ISSN: 1463-1741
8. **Dzhambov AM**. Long-term noise exposure and the risk for type 2 diabetes: A meta-analysis. *Noise & Health* 2015;17:23-33. (IF 2015 = 1.826) ISSN: 1463-1741
9. **Dzhambov A**, Dimitrova D. Chronic noise exposure and testosterone deficiency—meta-analysis and meta-regression of experimental studies in rodents. *Endokrynologia Polska*. 2015;66(1):39-46. (IF 2015 = 1.112) ISSN: 0423-104X
10. **Dzhambov AM**. Validity of self-reported traffic intensity as a proxy for road traffic counts and noise. *Noise Control Engineering Journal*. 2015;63(1):11-9. (IF 2015 = 0.313) ISSN: 0736-2501
11. **Dzhambov AM**, Dimitrova DD. Green spaces and environmental noise perception. *Urban Forestry & Urban Greening*. 2015;14(4):1000-8. (IF 2015 = 2.006) ISSN: 1618-8667
12. **Dzhambov AM**, Dimitrova DD. Evaluation of the social and economic burden of road traffic noise-attributed myocardial infarction in Bulgarian urban population. *Archives of Industrial Hygiene and Toxicology*. 2015;66(1):15-21. (IF 2015 = 0.971) ISSN 0004-1254
13. Dzhambov AM. Comment on "Elucidating the relationship between noise sensitivity and personality" by Shepherd et al. *Noise & Health* 2015;17:382-3. (IF 2015 = 1.826) ISSN: 1463-1741
14. **Dzhambov AM**. Noise sensitivity: A neurophenomenological perspective. *Medical hypotheses*. 2015;85(5):650-5. (IF 2015 = 1.136) ISSN: 0306-9877
15. **Dzhambov AM**, Dimitrova DD. Road traffic noise exposure association with self-reported body mass index. *Noise Control Engineering Journal*. 2015;63(6):572-81. (IF 2015 = 0.313) ISSN: 0736-2501
16. **Dzhambov AM**, Dimitrova DD. Exposures to road traffic, noise, and air pollution as risk factors for type 2 diabetes: A feasibility study in Bulgaria. *Noise & Health* 2016;18:133-42. (IF 2016 = 1.798) ISSN: 1463-1741

17. **Dzhambov A**, Dimitrova D. Exposure-response relationship between traffic noise and the risk of stroke: a systematic review with meta-analysis. *Archives of Industrial Hygiene and Toxicology*. 2016;67(2):136-151. (IF 2016 = 1.395) ISSN 0004-1254
18. **Dzhambov AM**. Comment on: "Systematic review of the cardiovascular effects of occupational noise" by Skogstad et al. *Occupational Medicine (London)*. 2016;66:498-499. (IF 2016 = 1.441) ISSN 0962-7480
19. **Dzhambov AM**, Dimitrova DD. Long-term self-reported exposure to occupational noise is associated with BMI-defined obesity in the US general population. *American Journal of Industrial Medicine*. 2016;59:1009-1019. (IF 2016 = 1.732) ISSN: 0271-3586
20. **Dzhambov AM**, Dimitrova DD. Occupational noise and ischemic heart disease: A Systematic review. *Noise & Health* 2016;18(83):167-177. (IF 2016 = 1.798) ISSN: 1463-1741
21. **Dzhambov AM**, Dimitrova DD. Heart disease attributed to occupational noise, vibration and other co-exposures – a self-reported population-based survey among Bulgarian workers. *Medycyna Pracy* 2016;67(4): 435-445. (IF 2016 = 0.416) ISSN: 0465-5893
22. **Dzhambov AM**. Workplace noise exposure and serum testosterone in men enrolled in the 1999-2004 National Health and Nutrition Examination Survey. *Archives of Industrial Hygiene and Toxicology* 2016;67(3):247-258. (IF 2016 = 1.395) ISSN 0004-1254
23. **Dzhambov AM**, Dimitrova DD, Tokmakova MP. Association between self-reported occupational noise and the prevalence of stroke: Secondary analysis of the National Health Interview Survey, 2014. *Noise Control Engineering Journal*. 2016;64(6):779-788. (IF 2016 = 0.606) ISSN: 0736-2501
24. **Dzhambov AM**, Dimitrova DD. Children's blood pressure and its association with road traffic noise exposure – A systematic review with meta-analysis. *Environmental Research* 2017;152:244-255. (IF 2017 = 4.732) ISSN: 0013-9351
25. **Dzhambov AM**, Tokmakova MP, Gatseva PD, Vladeva SV, Zdravkov NG, Vasileva EV, Gencheva DG, Ivanova NG, Karastanev KI, Donchev AT. Is community noise associated with metabolic control in patients with cardiovascular disease? *Acoustics Australia*. 2017;45(1):61-75. (IF 2017 = 0.735) ISSN: 0814-6039
26. **Dzhambov AM**. Exposure to self-reported occupational noise and diabetes – a cross-sectional relationship in the Seventh European Social Survey (ESS7, 2014). *International Journal of Occupational Medicine and Environmental Health* 2017;19;30(4):537-551. (IF 2017 = 1.367) ISSN: 1232-1087
27. **Dzhambov AM**. Park quality and elderly citizens' dog-walking practices: A cross-sectional study. *Society & Animals*. 2017;25(2):119-143. (IF 2017 = 0.475) ISSN: 1063-1119
28. Dimitrova DD, Dzhambov AM. Perceived access to recreational/green areas as an effect modifier of the relationship between health and neighbourhood noise/air quality: Results from the 3rd European Quality of Life Survey (EQLS, 2011 – 2012). *Urban Forestry & Urban Greening*. 2017;23:54-60. (IF 2017 = 2.782) ISSN: 1618-8667
29. **Dzhambov AM**, Dimitrova DD. Self-reported occupational noise may be associated with prevalent chronic obstructive pulmonary disease in the us general population. *Noise & Health* 2017;19:115-24. (IF 2017 = 1.842) ISSN: 1463-1741
30. Markevych I, Schoierer J, Hartig T, Chudnovsky A, Hystad P, **Dzhambov AM**, de Vries S, Triguero-Mas M, Brauer M, Nieuwenhuijsen MJ, Lupp G, Richardson EA, Astell-Burt T, Dimitrova D, Feng X, Sadeh M, Standl M, Heinrich J, Fuertes E. Exploring pathways linking greenspace to health: Theoretical and methodological guidance. *Environmental Research* 2017;158:301-317. (IF 2017 = 4.732) ISSN: 0013-9351
31. **Dzhambov AM**. Letter to the Editor on "Exposure to environmental noise and risk for male infertility: A 2population-based cohort study", *Environmental Pollution* 2017; 231:1209-1210. (IF 2017 = 4.358) ISSN: 0269-7491
32. **Dzhambov A**, Dimitrova D. Occupational noise exposure and the risk for work-related injury: A systematic review and meta-analysis. *Annals of Work Exposures and Health* 2017;61(9):1037-1053. (IF 2017 = 1.615) ISSN: 2398-7308
33. **Dzhambov A**, Tilov B, Markevych I, Dimitrova D. Residential road traffic noise and general mental health in youth: The role of noise annoyance, neighborhood restorative quality, physical activity, and social cohesion as potential mediators. *Environment International* 2017;109:1-9. (IF 2017 = 7.297) ISSN: 0160-4120
34. **Dzhambov AM**, Gatseva PD, Tokmakova MP, Zdravkov NG, Vladeva SV, Gencheva DG, Ivanova NG, Karastanev KI, Vasileva EV, Donchev AT. Association between community noise and adiposity in patients with cardiovascular disease. *Noise Health* 2017;19:270-7. (IF 2017 = 1.842) ISSN: 1463-1741
35. **Dzhambov AM**, Dimitrova DD. Lifetime exposure to self-reported occupational noise and prevalent rheumatoid arthritis in the National Health and Nutrition Examination Survey (2011 – 2012). *International Journal of Occupational and Environmental Health* 2017;23(3): 215-221. (IF 2017 = 1.195) ISSN: 1077-3525.
36. **Dzhambov A**, Hartig T, Markevych I, Tilov B, Dimitrova D. Urban residential greenspace and mental health in youth: Different approaches to testing multiple pathways yield different conclusions. *Environmental Research* 2018;160:47-59. (IF 2018 = 5.026) ISSN: 0013-9351
37. **Dzhambov AM**, Dimitrova DD. Residential road traffic noise as a risk factor for hypertension in adults: Systematic review and meta-analysis of analytic studies published in the period 2011 – 2017. *Environmental Pollution* 2018;240: 306-318. (IF 2018 = 5.714) ISSN: 0269-7491
38. Dermendzhiev S, Dermendzhiev T, **Dzhambov A**. Hereditary angioedema type II combined with other allergic pathology-case report. *Biomedical Research* 2018; 29(9): 1871-1874. (IF 2016 = 0.219) ISSN: 0970-938X
39. **Dzhambov AM**, Markevych I, Hartig T, Tilov B, Arabadzhiev Z, Stoyanov D, Gatseva P, Dimitrova DD. Multiple pathways link urban green- and bluespace to mental health in young adults. *Environmental Research* 2018;166:223-233. (IF 2018 = 5.026) ISSN: 0013-9351
40. **Dzhambov AM**, Markevych I, Tilov B, Arabadzhiev Z, Stoyanov D, Gatseva P, Dimitrova DD. Pathways linking residential noise and air pollution to mental ill-health in young adults. *Environmental Research* 2018;166:458-465. (IF 2018 = 5.026) ISSN: 0013-9351

41. **Dzhambov AM**, Markevych I, Tilov BG, Dimitrova DD. Residential greenspace might modify the effect of road traffic noise exposure on general mental health in students. *Urban Forestry & Urban Greening* 2018;34:233-239. (IF 2018 = 3.043) ISSN: 1618-8667
42. **Dzhambov AM**, Markevych I, Tilov B, Arabadzhiev Z, Stoyanov D, Gatseva P, Dimitrova DD. Lower Noise Annoyance Associated with GIS-Derived Greenspace: Pathways through Perceived Greenspace and Residential Noise. *International Journal of Environmental Research and Public Health* 2018;15(7):1533. doi:10.3390/ijerph15071533. (IF 2018 = 2.468) ISSN 1660-4601
43. **Dzhambov AM**, Markevych I, Lercher P. Greenspace seems protective of both high and low blood pressure among residents of an Alpine valley. *Environment International* 2018;121: 443-452. (IF 2018 = 7.943) ISSN: 0160-4120
44. **Dzhambov AM**. Residential green and blue space associated with better mental health: a pilot follow-up study in university students. *Archives of Industrial Hygiene and Toxicology* 2018;69(4): 340-349. (IF 2018 = 1.436) ISSN 0004-1254
45. **Dzhambov AM**, Markevych I, Lercher P. Associations of residential greenness, traffic noise, and air pollution with birth outcomes across Alpine areas. *Science of the Total Environment* 2019;678: 399-408. (IF 2019 = 6.551) ISSN 0048-9697
46. **Dzhambov AM**, Lercher P. Road Traffic Noise Exposure and Birth Outcomes: An Updated Systematic Review and Meta-Analysis. *International Journal of Environmental Research and Public Health* 2019;16(14). pii: E2522. doi: 10.3390/ijerph16142522. (IF 2019 = 2.849) ISSN 1660-4601
47. **Dzhambov AM**, Hartig T, Tilov B, Atanasova V, Makakova DR, Dimitrova DD. Residential greenspace is associated with mental health via intertwined capacity-building and capacity-restoring pathways. *Environmental Research* 2019;178: 108708. (IF 2019 = 5.715) ISSN: 0013-9351
48. **Dzhambov AM**, Bahchevanov KM, Chompalov KA, Atanassova PA. A feasibility study on the association between residential greenness and neurocognitive function in middle-aged Bulgarians. *Archives of Industrial Hygiene and Toxicology* 2019;70(3): 173-185. (IF 2019 = 1.727) ISSN 0004-1254
49. **Dzhambov AM**, Lercher P. Road Traffic Noise Exposure and Depression/Anxiety: An Updated Systematic Review and Meta-Analysis. *International Journal of Environmental Research and Public Health* 2019;16(21): 4134; <https://doi.org/10.3390/ijerph16214134>. (IF 2019 = 2.849) ISSN 1660-4601
50. **Dzhambov AM**, Tilov B, Makakova-Tilova D, Dimitrova DD. Pathways and contingencies linking road traffic noise to annoyance, noise sensitivity, and mental ill-health. *Noise & Health* 2019;21: 248-257. (IF 2019 = 0.969) ISSN: 1463-1741
51. **Dzhambov AM**, Browning MHEM, Markevych I, Hartig T, Lercher P. Analytical approaches to testing pathways linking greenspace to health: A scoping review of the empirical literature. *Environmental Research* 2020;186: 109613 (IF 2020 = 6.498) ISSN: 0013-9351.
52. Browning MHEM, Shipley N, McAnirlin O, Becker D, Yu CP, Hartig T, **Dzhambov AM**. An actual natural setting improves mood better than its virtual counterpart: A meta-analysis of experimental data. *Frontiers in Psychology* 2020 11:2200. doi: 10.3389/fpsyg.2020.02200 (IF 2020 = 2.990) ISSN: 1664-1078
53. **Dzhambov AM**, Lercher P, Browning MHEM, Stoyanov D, Petrova N, Novakov S, Dimitrova DD. Does greenery experienced indoors and outdoors provide an escape and support mental health during the COVID-19 quarantine? *Environmental Research* 2021;196: 110420. doi: 10.1016/j.envres.2020.110420 (IF 2021 = 8.431) ISSN: 0013-9351.
54. **Dzhambov AM**, Lercher P, Rüdissler J, Browning MHEM, Markevych I. Allergic symptoms in association with naturalness, greenness, and greyness: A cross-sectional study in schoolchildren in the Alps. *Environmental Research* 2021;198: 110456. doi: 10.1016/j.envres.2020.110456 (IF 2021 = 8.431) ISSN: 0013-9351.
55. Bahchevanov KM, **Dzhambov AM**, Chompalov KA, Massaldjieva RI, Atanassova PA, Mitkov MD. Contribution of Components of Metabolic Syndrome to Cognitive Performance in Middle-Aged Adults. *Archives of Clinical Neuropsychology* 2021;36:498-506. <https://doi.org/10.1093/arclin/acia081> (IF 2021 = 3.448). ISSN: 0887-6177
56. **Dzhambov AM**, Lercher P, Stoyanov D, Petrova N, Novakov S, Dimitrova DD. University Students' Self-Rated Health in Relation to Perceived Acoustic Environment during the COVID-19 Home Quarantine. *International Journal of Environmental Research and Public Health*. 2021; 18(5):2538. <https://doi.org/10.3390/ijerph18052538> (IF 2021 = 4.614) ISSN 1660-4601
57. Teixeira LR, Pega F, **Dzhambov AM**, Bortkiewicz A, Correa da Silva DT, de Andrade CAF, Gadzicka E, Hadkhal K, Iavicoli S, Martínez-Silveira MS, Pawlaczyk-Łuszczczyńska M, Rondinone BM, Siedlecka J, Valenti A, Gagliardi D. The effect of occupational exposure to noise on ischaemic heart disease, stroke and hypertension: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-Related Burden of Disease and Injury. *Environment International* 2021;154: 106387. <https://doi.org/10.1016/j.envint.2021.106387> (IF 2021 = 13.352) ISSN: 0160-4120
58. Teixeira LR, Pega F, de Abreu W, de Almeida MS, de Andrade CAF, Azevedo TM, **Dzhambov AM**, Hu W, Macedo MRV, Martínez-Silveira MS, Sun X, Zhang M, Zhang S, Correa da Silva DT. The prevalence of occupational exposure to noise: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. *Environment International* 2021;154: 106380. <https://doi.org/10.1016/j.envint.2021.106380> (IF 2021 = 13.352) ISSN: 0160-4120
59. **Dzhambov AM**, Lercher P, Markevych I, Browning MHEM, Rüdissler J. Natural and built environments and blood pressure of Alpine schoolchildren. *Environmental Research* 2022;204: 111925. <https://doi.org/10.1016/j.envres.2021.111925> (IF 2022 = 8.3) ISSN: 0013-9351.
60. Petrova N, Sivkov S, Andreev E, **Dzhambov A**, Vachev T. Finger ridge count and fluctuating asymmetry in healthy and mentally diseased Bulgarians. *Comptes rendus de l'Académie bulgare des Sciences* 2021;74(10): 1547-1555. (IF 2021 = 0.326) ISSN 1310-1331
61. Teixeira L, **Dzhambov AM**, Gagliardi D, on behalf of the WHO/ILO Working Group of Individual Experts on Occupational Exposure to Noise on Ischaemic Heart Disease, Stroke and Hypertension. Response to Letter to the

- Editor Regarding "The effect of occupational exposure to noise on ischaemic heart disease, stroke and hypertension: A systematic review and meta-analysis From the WHO/ILO Joint Estimates of the Work-Related Burden of Disease and Injury". *Environment International* 2022;161: 107105. <https://doi.org/10.1016/j.envint.2022.107105> (IF 2022 = 11.8) ISSN: 0160-4120
62. Pega F, Momen NC, Gagliardi D, Bero LA, Boccuni F, Chartres N, Descatha A, **Dzhambov AM**, Godderis L, Loney T, Mandrioli D, Modenese A, van der Molen HF, Morgan RL, Neupane S, Pachito D, Paulo MS, Prakash KC, Scheepers PTJ, Teixeira L, Tenkate T, Woodruff TJ, Norris SL. Assessing the quality of evidence in studies estimating prevalence of exposure to occupational risk factors: The QoE-SPEO approach applied in the systematic reviews from the WHO/ILO Joint Estimates of the Work-related burden of disease and Injury. *Environment International* 2022;161: 107136. (IF 2022 = 11.8) ISSN: 0160-4120
 63. **Dzhambov AM**, Lercher P, Rüdissler J, Browning MHEM, Markevych I. Home gardens and distances to nature associated with behavior problems in alpine schoolchildren: Role of secondhand smoke exposure and biomarkers. *International Journal of Hygiene and Environmental Health* 2022;243: 113975. <https://doi.org/10.1016/j.ijheh.2022.113975>. (IF 2022 = 6.0) ISSN: 1438-4639
 64. Sakhvidi MJZ, Yang J, Mehrparvar AH, **Dzhambov AM**, Ebrahimi A, Dadvand P, Jacquemin B. Exposure to greenspace and cancer incidence, prevalence, and mortality: A systematic review and meta-analyses. *Science of the Total Environment* 2022; 838: 156180. doi: 10.1016/j.scitotenv.2022.156180. (IF 2022 = 9.8) ISSN 0048-9697
 65. Li H, Browning MHEM, **Dzhambov AM**, Cao Y, Zhang G. Green Space for Mental Health in the COVID-19 Era: A Pathway Analysis in Residential Green Space Users. *Land* 2022;11:1128. <https://doi.org/10.3390/land11081128>. (IF 2022 = 3.9) ISSN 2073-445X
 66. Petrova N, Sivkov S, Andreenko E, Atanasov T, Mladenova T, **Dzhambov A**, Vachev T. Palmar dermatoglyphic traits of schizophrenic patients and healthy controls. *Comptes rendus de l'Académie bulgare des Sciences* 2022;75(9): 1372-1382. (IF 2022 = 0.3) ISSN 1310-1331
 67. Gradys G, Lipowska M, Bieleninik Ł, **Dzhambov AM**. Attention deficit in children with attention deficit hyperactivity disorder at primary school age measured with the attention network test (ANT): A protocol for a systematic review and meta-analysis. *PLoS ONE* 2022;17(10): e0275599. <https://doi.org/10.1371/journal.pone.0275599>. (IF 2022 = 3.7) ISSN 1932-6203
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1. **Dzhambov A**, Markevych I, Tilov B, Arabadzhiev Z, Stoyanov D, Gatseva P, Dimitrova DD. Association between objectively-measured greenspace and noise annoyance: Noise reduction and perceived greenspace as putative mediators. In: Proceeding of EuroNoise 2018 Conference. Hersonissos, Crete, Greece, 27-31 May 2018, pp. 2525-2532. ISSN: 2226-5147.
2. **Dzhambov AM**, Markevych I, Lercher P. Associations of traffic noise and air pollution with birth outcomes in Alpine areas: Results from the UIT and BBT surveys. In: Ochmann M, Vorländer M, Fels J (Eds.). Proceedings of the 23rd International Congress on Acoustics, integrating 4th EAA Euroregio 2019, 9 - 13 September 2019, Aachen, Germany, pp. 7131-7138. ISSN 2226-7808 and 2415-1599, ISBN 978-3-939296-15-7.
3. Botteldooren D, Van Renterghem T, Dekoninck L, Persson Waye K, Smith M, Lercher P, **Dzhambov A**, Hornikx M, Terzakis ME, Clark C, Foraster M. Designing a composite indicator for sleep with emphasis on children. Proceedings of the 24th International Congress on Acoustics, October 24 to 28, 2022 in Gyeongju, Korea. ISSN 22267808
4. **Dzhambov A**. Objective and perceived acoustic environments during the COVID-19 lockdown: An overview of evidence. 51st International Congress and Exposition on Noise Control Engineering, Internoise 2022, 2022, 21-24 August, Glasgow. ISBN 978-190691342-7.
5. Dzhambov A, Lercher P. Noise in restorative environments – Perceptions, positive and negative environmental components in Tyrolean children. 51st International Congress and Exposition on Noise Control Engineering, Internoise 2022, 2022, 21-24 August, Glasgow. ISBN 978-190691342-7.
6. Botteldooren D, Van Renterghem T, Can Arnaud, **Dzhambov AM**, Lercher P. Noise indicators for sleep disturbance and how to model them. 14th ICBEN Congress on Noise as a Public Health Problem, 18-22 June 2023, Belgrade, Serbia.
7. **Dzhambov AM**, Dimitrova V, Germanova N, Burov A, Brezov D, Dimitrova R. Road, air, and rail traffic noise and the prevalence of hypertension and diabetes in Sofia, Bulgaria: A population-based study. 14th ICBEN Congress on Noise as a Public Health Problem, 18-22 June 2023, Belgrade, Serbia.
8. Persson Waye K, Wiberg A, Vincens N, Löve J, Holmqvist Gattario K, Chen Y, Lercher P, **Dzhambov AM**, Kessel B, Botteldooren D, Dekoninck L, Friberg P, Smith MG. Exploring the linkage of noise and mental health among adolescents – An Equal- Life study. 14th ICBEN Congress on Noise as a Public Health Problem, 18-22 June 2023, Belgrade, Serbia.
9. Spilski J, Lercher P, van Kempen E, Giehl C, **Dzhambov AM**, Klante M, Schreckenberger D. The importance of traffic noise exposure among other exposure variables on children's wellbeing: Results from three studies across three countries. 53rd International Congress and Exposition on Noise Control Engineering, Internoise 2024, 2024, 25-29 August, Nantes, France.

Book Chapters:

1. Traffic Noise: Exposure, Health Effects and Mitigation. Łucjan C, Gérard D (Editors). New York: Nova Science Publishers, 2017. ISBN: 978-1-53612-550-4 (978-1-53612-577-1 eBook).
 - 1.1. **Dzhambov AM**, Dimitrova DD. Chapter 2: Road traffic noise-related hypertension and ethnicity as an effect modifier. pp. 41-58.
 - 1.2. **Dzhambov AM**. Chapter 4: More residential greenspace is associated with lower noise annoyance: Results from a quantitative synthesis of the literature. pp. 77-104.
2. Bulgaria: Environmental, Social and Economic Challenges. Teodora Raya Danailov (Editor). New York: Nova Science Publishers, 2018. ISBN: 978-1-53614-280-8 (978-1-53612-550-4 eBook).
 - 2.1. **Dzhambov AM**. Chapter 1: Young People's Nature Experiences, Displaced Aggression, and Interaction with Urban Parks. pp. 1-25.
 - 2.2. **Dzhambov AM**, Markevych I, Tilov B, Arabadzhiev Z, Stoyanov D, Gatseva P, Dimitrova DD. Chapter 2: Perceived Urban Bluespace and Noise Annoyance in Young Adults. pp. 27-46.
 - 2.3. **Dzhambov AM**, Tilov B, Dimitrova DD. Chapter 3: Investigation of Mediators Linking Residential Greenness and Short-Term Changes in Mental Health in Bulgarian Students: A Follow-Up Study. pp. 47-66.
 - 2.4. **Dzhambov AM**, Dimitrova DD. Chapter 4: Association between Some Occupational Environment Factors and Health Anxiety among Bulgarian Nurses. pp. 67-86.
 - 2.5. **Dzhambov AM**, Dimitrova DD. Chapter 7: Healthy Lifestyle Counselling by Community Pharmacists in Bulgaria. pp. 137-153.

3. New Research on Atrial Fibrillation and Ischemic Heart Disease. Hill ES (Editor). New York: Nova Science Publishers; 2019. ISBN: 978-1-53616-825-9 (978-1-53616-826-6 eBook).
 - 3.1. Chompalov KA, **Dzhambov AM**, Bahchevanov KM, Tokmakova M, Atanassova PA. Chapter 3: Sex and Age Characteristics of Cerebrovascular Risk Factors. pp. 57-84.
 - 3.2. **Dzhambov AM**, Dimitrova DD. Chapter 4: Perceived Hospital Acoustics Associated with Hypertension Prevalence in Nurses. pp. 86-109.
 - 3.3. **Dzhambov AM**, Dimitrova DD. Chapter 5: Socio-Economic Burden of Myocardial Infarction and Stroke Attributed to Road Traffic Noise in Europe. pp. 111-130.
4. Healthy Lifestyles and Healthy Eating. Wilson L. (Editor). New York: Nova Science Publishers; 2020. ISBN: 978-1-53618-399-3 (978-1-53618-541-6 eBook).
 - 4.1. Atanassova V, **Dzhambov AM**, Gatseva P. Chapter 7: Survey of Dietary Supplement-Related Knowledge and Attitude among Bulgarian Pharmacy Students. pp. 239-255.
5. Измерване на качеството на живот при хронични заболявания. [Quality of life assessment in patients with chronic diseases] Пловдив: Издателство „Макрос“; 2018. ISBN: 978-954-561-441-5. (in Bulgarian)
 - 5.1. **Джамбов А**. Глава 6: Оценка на основните психометрични свойства на въпросници за качество на живот. [Assessment of basic psychometric properties of quality of life questionnaires] стр. 80-92.
 - 5.2. **Джамбов А**. Глава 7: Определяне на структурата на психометрични инструменти посредством факторен анализ. [Determination of the factorial structure of psychometric instruments using factor analysis] стр. 93-110.
6. **Джамбов А**. Психофизиология на физическата активност в градските зелени площи: Въздействие на някои ландшафтни фактори. Пловдив: Авто Принт ООД; 2019. ISBN: 978-619-7205-20-6.
7. Environmental Protection and Disaster Risks. EnviroRISks 2022. Dobrinkova N, Nikolov O. (eds) Lecture Notes in Networks and Systems, vol 638. Springer, Cham; 2023. Online ISBN 978-3-031-26754-3 (Print ISBN 978-3-031-26753-6)
 - 7.1. **Dzhambov AM**, Dikova K, Georgieva T, Mukhtarov P, Dimitrova R. Time Series Analysis of Asthma Hospital Admissions and Air Quality in Sofia – A Pilot Study. In: Dobrinkova N, Nikolov O. (eds) Environmental Protection and Disaster Risks. EnviroRISks 2022. Lecture Notes in Networks and Systems, vol 638. Springer, Cham; 2023, pp. 191-202. https://doi.org/10.1007/978-3-031-26754-3_17
8. Soundscapes: Humans and Their Acoustic Environment. Schulte-Fortkamp B, Fiebig A, Sisneros JA, Popper AN, Fay RR. (eds). Springer Handbook of Auditory Research, vol 76. Springer, Cham; 2023. Online ISBN 978-3-031-22779-0 (Print ISBN 978-3-031-22778-3)
 - 8.1. Lercher P, **Dzhambov AM**. Soundscape and Health. In: Schulte-Fortkamp B, Fiebig A, Sisneros JA, Popper AN, Fay RR. (eds) Soundscapes: Humans and Their Acoustic Environment. Springer Handbook of Auditory Research, vol 76. Springer, Cham; 2023. https://doi.org/10.1007/978-3-031-22779-0_9

Participation at Conferences/Congresses in the last 10 years

International Conferences/Congresses:

1. **Dzhambov A**, Markevych I, Tilov B, Arabadzhiev Z, Stoyanov D, Gatseva P, Dimitrova DD. Association between objectively-measured greenspace and noise annoyance: Noise reduction and perceived greenspace as putative mediators. **EuroNoise 2018 Conference. Hersonissos, Crete, Greece, 27-31 May 2018.**
2. **Dzhambov A**, Markevych I, Tilov B, Dimitrova D. Residential greenspace modifies the effect of road traffic noise exposure on mental health in youth. **10th European Public Health Conference Sustaining resilient and healthy communities Stockholm, Sweden 1–4 November 2017**
3. Dimitrova D, Tilov B, **Dzhambov A**. Social cohesion mediates the association between urban greenspace and mental health in youth. **10th European Public Health Conference Sustaining resilient and healthy communities Stockholm, Sweden 1–4 November 2017**

4. **Dzhambov A**, Dimitrova D, Markevych I, Tilov B. Association between different indices of greenspace “exposure” and noise annoyance in youth. “**12th ICBEN Congress on Noise as a Public Health Problem**”, **June 18 – 22, 2017, Zurich, Switzerland**.
5. **Dzhambov A**, Dimitrova D. Occupational noise exposure and the risk for work-related injuries: A systematic review and meta-analysis. “**12th ICBEN Congress on Noise as a Public Health Problem**”, **June 18 – 22, 2017, Zurich, Switzerland**.
6. **Dzhambov AM**, Markevych I. Analytical challenges in greenspace and health research. **ISEE17 – The 29th Annual Scientific Conference of the International Society of Environmental Epidemiology; Sydney, Australia, 24-28 September 2017**.
7. Dermendzhiev S, Penchev B, Krasteva S, **Dzhambov A**, Dermendzhiev T. How multifaceted the clinical presentation and etiology of allergic diseases could be? **European Academy of Allergy and Clinical Immunology Congress, 26–30 May 2018, Munich, Germany**
8. **Dzhambov AM**, Lercher P, Browning MHEM, Stoyanov D, Petrova N, Novakov S, Dimitrova DD. Does greenery experienced indoors and outdoors provide an escape and support mental health during the COVID-19 quarantine? **3rd ESP Europe conference; Tartu, Estonia, 7-10 June 2021**.
9. **Dzhambov A**, Lercher P, Stoyanov D, Petrova N, Novakov S, Dimitrova D. General health in relation to perceived acoustic environment during the COVID-19 home quarantine. **13th ICBEN Congress on Noise as a Public Health Problem, 14-17 June 2021, Stockholm, Sweden**.
10. **Dzhambov A**. Residential Noise and Mental Health. **3rd Global Conference on Noise & Health, Deafness. Trivandrum, India, 11-12 Decemcber 2021**.
11. Mainuddin Patwary M, **Dzhambov A**, Asma Disha A, Bardhan M, Zahidul Haque M, Atiqur Rahman M, Faysal Tareq M, Browning MHEM, Larson LR, Ashraful Alam M, Labib SM, Kabir Shuvo F, Parkinson C. Exposure to nature during COVID-19 pandemic and associated impact on mental health: A systematic review with meta-analysis. **2022 Planetary Health Hybrid Annual Meeting and Festival – Building the Field and Growing the Movement**, October 31 - November 2, 2022, Boston, Massachusetts
12. **Dzhambov A**. Greenspace and health. **SOFIA URBAN GREEN CONFERENCE**. Organized by Sofia Municipality and Konrad-Adenauer-Stiftung Foundation, 7 June 202
13. Pant P, **Dzhambov A**. Results from the State of Global Air Special Report on Bulgaria. At **Hybrid Workshop “Air Quality and Health in Bulgaria”**. Organized by Medical University of Plovdiv, Bulgaria and the Health Effects Institute, USA, June 14, 2022
14. **Dzhambov A**, Dimitrova D. State of air pollution epidemiology in Bulgaria - barriers and facilitators to epidemiological research. **The 34th Annual Conference of the International Society for Environmental Epidemiology (ISEE 2022)**, Athens, Greece, September 18th-21st 2022.
15. Bieleninik Ł, Gradys G, **Dzhambov AM**, Walczak-Kozłowska T, Sitnik-Warchulska K, Lipowska K, Anikiej P, Ładna-Maško A, Harciarek M, Lipowska M. Pattern of attention deficit based on Attention Network Test in pre-school children with ADHD or at risk of ADHD compared to non-ADHD children: results of a meta-analysis. **European Conference on Developmental Psychology (ECDP) 28 August – 1 September, 2023 Turku, Finland**.
16. White M, van den Bosch M, Godfrey A, Uyarra M, O'Driscoll C, Doimo I, Secco L, Elliott L, Konijnendijk C, Grellier J, Wheeler B, **Dzhambov A**, Moe A, Pichler C, Litt J, Lymeus F, Stigsdotter U, van den Berg A. Building community and individual RESilience thrOUGH NATurE based therapies (RESONATE). **26th IUFRO World Congress 2024**, Stockholm, 23-28 June 2024.
17. Buczyłowska D, Singh N, Baumbach C, Bratkowski J, Mysak Y, Łukaszyk MW, Warchulska KS, Skotak K, Lipowska M, Izydorczyk B, Szwed M, Markevych I, **Dzhambov AM**. Exposure to greenspace and ADHD in the context of physical activity, neighborhood safety and neighborhood cohesion: Analysis in Polish children. **The 35th Annual Conference of the International Society for Environmental Epidemiology (ISEE 2023)**, Kaohsiung, Taiwan, September 17th-21st 2023. <https://doi.org/10.1289/isee.2023.OP-0>
18. Singh N, Buczyłowska D, Baumbach C, Bratkowski J, Mysak Y, Łukaszyk MW, Warchulska KS, Skotak K, Lipowska M, Izydorczyk B, Szwed M, **Dzhambov AM**, Markevych I. Nature's remedy: uncovering pathways linking greenspace to behavioural problems in Polish children. **The 35th Annual Conference of the International Society for Environmental Epidemiology (ISEE 2023)**, Kaohsiung, Taiwan, September 17th-21st 2023. <https://doi.org/10.1289/isee.2023.OP-06>
19. Ivanova T, Molander D, Dikov D, Sbirkov Y, Kazakova M, Dichev V, Mehterov N, **Dzhambov AM**, Belev N, Atanasov B, Sarafian V. LAMPS AND AUTOPHAGY AS PREDICTIVE MARKERS IN COLORECTAL CANCER- A PILOT STUDY. **7th European Congress of Immunology – ECI 2024**, Dublin, 1-4 September 2024. Eur. J. Immunol. 2024. 54(Suppl. 1): 1–1746 Abstracts. DOI: 10.1002/eji.202470200
20. Helbich M, Burov A, Dimitrova D, Markevych I, Nieuwenhuijsen M, **Dzhambov A**. Sleep problems mediate the association between mental health and outdoor light pollution. **International Medical Geography Symposium (IMGS) 2024**. Atlanta, USA, July 14 - 19, 2024.

21. Khomenko S, Burov A, **Dzhambov A**, Barboza EP, lungman T, Stauffer A, Nieuwenhuijsen M. Health burden and inequities of urban environmental stressors in Sofia, Bulgaria. **36th Annual Conference of the International Society for Environmental Epidemiology (ISEE)**, Santiago, Chile, August 25-28, 2024. <https://doi.org/10.1289/isee.2024.177>
22. Šulc L, Wu F, Meijering S, Boshuizen H, **Dzhambov A**, Lercher P, Peuters C, Cheval B, Botella N, Dadvand P, Júlvez J, Boer JMA, Vermeulen RCH, Giehl C, Spilski J, Chen Y, Hansell A, Bogers R, Vrijkotte T, Bolte G, Psyllidis A, Remnélius KL, Bölte S, van Kempen E, van Kamp I, Selander J, Equal-Life team. Multi-cohort analysis of exposome and its association with ADHD phenotypes in children. **ISEE Young Conference**, Rennes, France, June 5-7, 2024.
23. Wu F, Šulc L, Meijering S, Boshuizen H, **Dzhambov A**, Lercher P, Peuters C, Cheval B, Botella N, Dadvand P, Júlvez J, Boer JMA, Vermeulen RCH, Giehl C, Spilski J, Chen Y, Hansell A, Bogers R, Vrijkotte T, Bolte G, Psyllidis A, Remnélius KL, Bölte S, van Kempen E, van Kamp I, Selander J, Equal-Life team. Prenatal Exposome and Autism in Children: An Equal-Life European Multi-Cohort Study. **ISEE Young Conference**, Rennes, France, June 5-7, 2024.

National Conferences/Congresses in the last 10 years:

1. Дерменджиев С, **Джамбов А**, Пенчев Б, Тасков Х, Велев В, Стойнева З, Дерменджиев Т, Аролски И. Ангионевротичен оток при пациент с аутоимунен тиреоидит – клиничен случай. [Angioedema in a patient with autoimmune thyroiditis – a case report] VII Национален конгрес по алергология с международно участие. [VII National Congress of Allergology with International Participation] 16-18 ноември 2018 г., Парк хотел „Москва“, гр. София. (in Bulgarian)
2. Димитрова Д, **Джамбов А**. Системното мислене – ключова компетентност на специалистите по обществено здраве [System thinking – key competency of public health specialists]. Втора национална конференция на Българското научно дружество по обществено здраве „Общественото здраве – глобален приоритет в науката и практиката“. Стара Загора, 14-15 юни 2018 г. (in Bulgarian)
3. Атанасова В, **Джамбов А**, Гацева П. Проучване познанията и нагласите за прием на хранителни добавки при студенти от Медицински колеж [Study of knowledge and attitudes towards intake of food supplements among students at Medical College]. Трета национална конференция на Българското научно дружество по обществено здраве „Общественото здраве – капиталът на бъдещето“. Пловдив, 30 май 2019 г. – 01 юни 2019 г. (in Bulgarian)
4. **Dzhambov AM**, Dikova K, Georgieva T, Mukhtarov P, Dimitrova R. Time Series Analysis of Asthma Hospital Admissions and Air Quality in Sofia – A Pilot Study. The 10th annual conference of the Crisis Management and Disaster Response Centre of Excellence (EnviroRisks Conference), 6-9 June 2022, Sofia (in Bulgarian)
5. Focus lecture: Air pollution and CV risk. Scientific symposium on "Prevention of CVD", Organized by the Society of Cardiologists in Bulgaria, June 3-4, 2022 – moderator
6. **Dzhambov A**. Exposome - studies on child development and health. Sixth interdisciplinary conference "Multifaceted view of child development", April 7-8, 2023 in the city of Plovdiv (in Bulgarian)
7. **Dzhambov AM**. Does life in a greener environment make us healthier? Guest-lecturer at European Researchers' Night, 29 Sep 2023 г., Medical University of Plovdiv. (in Bulgarian)
8. **Джамбов А**. Въздух и сърдечно-съдов риск [Air pollution and cardiovascular risk]. Научен форум „ARTERIALE JUNIOR – 2023“, 09 – 11 юни 2023 г. в гр. Трявна. (in Bulgarian)
9. **Джамбов А**. Спорт за здравето на Планетата [Sport for planetary health]. Международна конференция „Спорт за здрава планета“, 26.04.2024, гр. Пловдив. <https://bgbeactive.org/international-conference-sport-for-a-healthy-planet/> (in Bulgarian)
10. Georgiev S, **Dzhambov AM**, Dimitrova RN. Study of Short-term Effects of Air Pollution on Hospital Admissions in Bulgarian Cities Sofia, Plovdiv and Varna. International Conference on ENVIRONMENTAL Protection and Disaster Risks and CMDR COE Annual Conference on Crisis Management and Disaster Response (EnviroRisks2024), 4-6 June 2024, Sofia. (in Bulgarian)

Textbooks

1. **Hygiene and Medical Ecology. Textbook and Handbook for Pharmacy Students**. Edited by Prof. Dr. P. Gatseva. Plovdiv: Лакс Бук 2018. ISBN 978-619-189-099-6.
 - 1.1. Gatseva P, **Dzhambov A**. TEXTBOOK, Chapter 9: Hygienic characteristics of living conditions in the areas. Urbanization. Urban greening. Hygienic characteristics of the housing conditions. pp. 49-53.

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- 1.2. **Dzhambov A**, Gatseva P. TEXTBOOK, Chapter 10: Hygienic characteristics of noise “pollution” in urban areas. pp. 54-59.
 - 1.3. Atanasova V, Vasileva R, Harizanova St., **Dzhambov A**, Toseva E, Gatseva P. TESTS: Tests for pharmacy students for the examination in hygiene and ecology. pp. 180-190.
2. **Ръководство за практически упражнения по хигиена за студенти по дентална медицина [Handbook for practical exercises in hygiene for dental medicine students]**. Под ред. на Т. Търновска. Пловдив: Медицинско издателство „Райков“; 2019. ISBN 978-954-9666-72-4. (in Bulgarian)
 - 2.1. **Джамбов А**, Търновска Т. Национална система за мониторинг на околната среда. стр. 9-17.
 - 2.2. Василева-Желязкова, Р **Джамбов А**. Хигиенна оценка на отоплението и вентилацията в помещенията на различни обекти, в това число жилищни, обществени, лечебни, производствени. стр. 32-35.
 3. **Въведение в трудовата психология [Introduction to occupational psychology]**. Под ред. на Б. Тилов. Пловдив: Интел дизайн ЕООД; 2019. ISBN 978-619-7178-15-9.
 - 3.1. Тилов Б, **Джамбов А**, Макакова Д. ПЪРВА ГЛАВА: Въведение в трудовата психология. стр. 32, 33, 50-51.
 - 3.2. **Джамбов А**. ВТОРА ГЛАВА: Безопасни условия на труд. стр. 75-112.
 4. **Хигиена – учебник за студенти по дентална медицина и други медицински специалности**. Под ред. на Т. Търновска. Пловдив: Лакс бук; 2021. ISBN: 978-619-189-160-3.
 - 4.1. **Джамбов А**. Шумът в населените места – характеристика, източници, влияние върху здравето, профилактика. стр. 120-127.
 5. **Ръководство за практически упражнения по хигиена за студенти по медицина и стажант-лекари [Handbook for practical exercises in hygiene for medical students and medical interns]**. Под ред. на П. Гацева. Пловдив: Лакс бук; 2021. ISBN: 978-619-189-179-5.
 - 5.1. **Джамбов А**. Мониторинг на атмосферното замърсяване. стр. 97-103.
 - 5.2. Василева Р, **Джамбов А**. Здравно-хигиенна оценка на отопление, вентилация и осветление в помещенията на различни по предназначение комунално-битови и производствени обекти. стр. 127-136.
 - 5.3. **Джамбов А**, Гацева П. Радиационна защита при дейности д източници на йонизиращи лъчения. стр. 173-181.
 - 5.4. **Джамбов А**. Оценка и мониторинг на шума в околната среда. стр. 278-281.
 6. **Джамбов А**. Среда, начин на живот и социално-значими заболявания в детска възраст. Учебник за студенти и специализанти. [Environment, lifestyle and socially significant diseases in childhood. A textbook for students and residents] Пловдив: Авто Принт; 2023. ISBN: 978-619-7205-31-2.

Citations

In journals listed in Scopus/Wos	3744
h-index (Scopus)	28

Peer-reviewing

- Ad-hoc reviewer for multiple high-ranking journals such as American Journal of Respiratory and Critical Care Medicine, Environment International, International Journal of Hygiene and Environmental Health, Environmental Research, Science of the Total Environment, Environmental Pollution, American Journal of Preventive Medicine, Scientific Reports, Journal of Epidemiology and Community Health, Health & Place, European Journal of Public Health, Urban Forestry and Urban Greening, etc.

Total Reviews Performed: 500.

- External reviewer for Czech Science Foundation (2023)

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- External expert for the evaluation of one proposal in the framework of IF@ULB (Marie Skłodowska Curie Actions – H2020) first call (2018-2019 and 2019-2020) cofunded by the Université libre de Bruxelles and the European Commission
 - Reviewer of United Nations Environment Programme (2022). *Frontiers 2022: Noise, Blazes and Mismatches – Emerging Issues of Environmental Concern*. Nairobi. ISBN: 978-92-807-3917-6
 - Reviewer of a project submitted to Sinergia fund (Swiss National Science Foundation, SNF) (2020)

Awards

- World's Top 1% most influential researcher in 2020-2022 and in the Top 2% for overall contributions to global science in 2021-2022 (Stanford University)
- Pythagoras Prize for Established Scientist in Life sciences and Medicine (Ministry of Education and Science of Bulgaria, 2023)
- Pythagoras Grand Prize for Young Scientist (Ministry of Education and Science of Bulgaria, 2019)
- Rebecca James Baker Award (International Society for Environmental Epidemiology, 2017)

Invited Speaker

- Guest lecturer at Helmholtz Zentrum München, Ludwig-Maximilians-Universität München (02/2020, 03/2021, 03/2022, 03/2023)
- Dzhambov A. Roundtable on the New European Health Data Space. University of Copenhagen, Copenhagen, Denmark, 11/03/2024
- Dzhambov A. Air pollution - spread and impact on socially significant diseases. Event organized by the local medical network "Air for Health", Vidin, project No. 001369 "Mobilization of health professionals to improve air quality in Bulgaria" 2023, 20.02.2024
- Dzhambov A. Air pollution - spread, impact on health and prevention. Lecture to the members of the Bulgarian Association of Healthcare Professionals, project No. 001369 "Mobilization of healthcare professionals to improve air quality in Bulgaria" 2023, 22.03.2024
- Dzhambov A. Presentation of a report "Prevention of diseases related to air pollution in Bulgaria - role of scientific data". Information conference at the BTA of the Association "Air for Health" and the Medical Network "Air for Health", in partnership with the Ministry of Health, project No. 001369 "Mobilization of health professionals to improve air quality in Bulgaria" 2023, 04/05/2024 .
- Dzhambov A. Norms on the quality of atmospheric air based on scientific evidence. Training meeting "The health effects of air pollution and the new EU quality standards", organized by the "Air for Health" Association and the "Climate, Energy and Air" Department of the Metropolitan Municipality, 16.07.2024 - Invited Speaker.
- Guest speaker in a discussion with the Bulgarian representatives in the European Parliament on the topic: "CLEAN AIR FOR HEALTH. OPPORTUNITIES FOR IMPROVEMENT THROUGH WHO STANDARDS" (2023)
- Guest lecturer at "Green Days at MU-Sofia" (2023)
- Dzhambov A. Planning healthy cities based on scientific evidence. Ideathon for air: The neighborhoods of the future, organized by the Municipality of Plovdiv and Purpose Climate Lab June 9-10, 2022 (in Bulgarian)
- Dzhambov A. The place of GIS in researching the influence of the urban environment on human health. Lecture within the Cycle of public lectures "European policy and practice in science, technology and innovation", "Jean Monet" center for excellence at the PU "P. Hilendarski", 31 May 2022
- Panelist at the URBAN GREEN conference at the invitation of the Metropolitan Municipality (2022)
- „Workshop on Air Quality and Health in Bulgaria” (funded by Clean Air Fund), 14 June 2022.
- Lecturer in „Virtual Workshop on Air Pollution and Health in Southeast Europe” (funded by Clean Air Fund), 8-9 June 2021.

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- Exploring potential pathways linking greenness and green spaces to health: Workshop for experts (funded by COST Action BM1201 “Developmental Origins of Chronic Lung Diseases”). 21-24 September 2016, Munich-Herrsching, Herrsching Am Ammersee, Germany.

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