

Az LMM eredményeként megjelent publikációk

1. Achraf, Qor-el-aïne; András, Béres; Géczi, Gábor (2024): Calibration of CAMS PM 2.5 data over Hungary: a machine learning approach ENVIRONMENTAL RESEARCH COMMUNICATIONS 6: 7 Paper: 075026, 12 p.
2. Ajdour, Amine; Ydir, Brahim; Bouzghiba, Houria; Sulaymon, Ishaq Dimeji; Adnane, Anas; Hmamou, Dris Ben; Khomsi, Kenza; Chaoufi, Jamal; Géczi, Gábor; Leghrib, Radouane (2024): Investigating Two-dimensional Horizontal Mesh Grid Effects on the Eulerian Atmospheric Transport Model Using Artificial Neural Network AEROSOL AND AIR QUALITY RESEARCH 24: 8 Paper: 230309, 21 p.
3. Bouzghiba, Houria; Ajdour, Amine; Mendyl, Abderrahmane; Géczi, Gábor (2024): Evaluating Two-Dimensional Horizontal Grids in a Deterministic Air Pollution Model: Estimating the Impact on Outputs, Inputs, and ANN-CHIMERE előadás, EGU General Assembly 2024 2024-04-14 Bécs, Ausztria
4. Gáspár, Natália Eszter; Géczi, Gábor (2024): Építőipari technológia hatása a levegőminőségre JOURNAL OF CENTRAL EUROPEAN GREEN INNOVATION 12: 3 pp. 68-85., 18 p.
5. Houria, Bouzghiba; Ajdour, Amine; Kenza, Khomsi; Gábor, Géczi (2024): HYSPLIT AND K-MEANS CLUSTERING APPLICATION FOR TRAJECTORY ANALYSIS TO DETERMINE SOURCE REGIONS OF SECONDARY INORGANIC AEROSOLS AT HUNGARY'S KECSKEMET BACKGROUND MONITORING STATION In: Bíró, István; László, Zsuzsanna; Sárosi, József; Dobosi, Réka; Fazekas, Ákos Ferenc; Mihalkó, József (szerk.) ICOSTEE 2024 - BOOK OF ABSTRACTS (International Conference on Science, Technology, Engineering and Economy) Szeged, Magyarország : Szegedi Tudományegyetem Mérnöki Kar 137 p. pp. 14-14. , 1p.
6. Houria, Bouzghiba; Abderrahmane, Mendyl; Kenza, Khomsi; Gabor, Geczi (2024): Short-term predictions of PM10 and NO2 concentrations in urban environments based on ARIMA search grid modeling CLEAN-SOIL AIR WATER 52: 6 Paper: 2300395, 15 p.
7. Sekmoudi, Imane; Tanarhte, Meryem; Bouzghiba, Houria; Khomsi, Kenza; Idrissi, Laila; Eljarmouni, Mohamed; Géczi, Gábor (2024): Systematic Review of Air Pollution in Morocco: Status, Impacts, and Future Directions ADVANCED SUSTAINABLE SYSTEMS 8: 9 Paper: 2400006
8. Bouzghiba, Houria; Géczi, Gábor (2023): Application of HYSPLIT and K-means clustering in trajectory analysis for identifying source regions of secondary inorganic aerosols at the Kecskemét background monitoring station in Hungary UNGARIAN AGRICULTURAL RESEARCH: ENVIRONMENTAL MANAGEMENT LAND USE BIODIVERSITY 33: 3-4 pp. 4-7., 4 p.
9. Bouzghiba, Houria ; Géczi, Gábor (2023): Temporal Analysis and ARIMA Modelling of Air Pollutants in Budapest: A Comprehensive Multi-Station Study In: Géczi, Gábor; Korzenszky, Péter (szerk.) Risk Factors of Food Chain 2023 : XXIII. International Conference, September 20-22, 2023 Gyöngyös, Hungary : Book of Abstracts Gödöllő, Magyarország : Magyar Agrár- és Élettudományi Egyetem, Szent István Campus 63 p. pp. 23-23., 1 p.
10. Bouzghiba, H.; Géczi, G. (2022): Examination of energetic parameters of a heat pump by various operations of refrigerants In: Agnieszka, Greń; Zofia, Goc; Edyta, Kapusta; Renata, Muchacka; Łukasz, J. Binkowski; Marzena, Albrycht; Bartłomiej, Zyśk; Tomasz, Łaciak (szerk.) Risk Factors of Food Chain : Book of Abstracts 56 p. pp. 11-11., 1 p.
11. Bouzghiba, H.; Béres, A.; Géczi, G. (2022): Case Study of PM Concentration Variation during the Heating Season in Pest County In: Farkas, István; Víg, Piroska (szerk.) 28th

Workshop on Energy and Environment, December 8-9, 2022, Gödöllő, Hungary : Book of Abstracts. Gödöllő, Magyarország : Hungarian University of Agriculture and Life Sciences pp. 27-28., 2 p.

12. Bouzghiba, H.; Géczi, G. (2022): Comparative analysis of the environmental load of natural refrigerant (R290) JOURNAL OF CENTRAL EUROPEAN GREEN INNOVATION 10: Suppl 1 pp. 135-142., 8 p.
13. Fekti, L. R.; Székely, L.; Horváth, M.; Géczi, G. (2022): Családi házak beltéri radon aktivitás koncentráció felmérése Pest megyében JOURNAL OF CENTRAL EUROPEAN GREEN INNOVATION 10: Suppl 1 pp. 111-122., 12 p.
14. Patonai, Zoltán; Kicsiny, Richárd; Géczi, Gábor (2022): Multiple linear regression based model for the indoor temperature of mobile containers HELIYON 8: 12 Paper: e12098
15. Qor-El-Aine, A.; Béres, A.; Géczi, G. (2022): Case Study of the Saharan Dust Effects on PM10 and PM2.5 Concentrations in Budapest in March 2022 JOURNAL OF CENTRAL EUROPEAN GREEN INNOVATION 10: Suppl 1 pp. 67-78., 12 p.
16. Qor-El-Aine, Achraf; Béres, András; Géczi, Gábor (2022): Dust storm simulation over the Sahara Desert (Moroccan and Mauritanian regions) using HYSPLIT ATMOSPHERIC SCIENCE LETTERS 23: 4 Paper: e1076
17. Achraf, Qor-El-Aine; Gábor, Géczi; Béres, András (2021): The nitrogen dioxide (NO₂) and PM10 pollution level in Debrecen, Miskolc, and Nyíregyháza Hungary in the previous 4 years HUNGARIAN AGRICULTURAL RESEARCH: ENVIRONMENTAL MANAGEMENT LAND USE BIODIVERSITY 30: 2 pp.4-10.
18. Al-Yasiri, Qudama; Géczi, Gábor (2021): Global Warming Potential: Causes and Consequences ACADEMIA LETTERS Paper: 3202, 10 p.
19. A., Qor-el-aine; J., Benécs; A., Béres; G., Géczi (2021): SMALL SCALE EXPERIMENTS OF PM10 DISPERSION AROUND OBSTACLES, HUNGARIAN AGRICULTURAL ENGINEERING: 40 pp. 96-101., 6 p.
20. Fekti, László Richard; Géczi, Gábor (2021): Mezőgazdasági terület mellett létesült lakóépületekben keletkező szennyezőanyagok komfortra gyakorolt hatásának vizsgálata ACTA AGRONOMICA ÓVÁRIENSIS 62: Ksz 1 pp. 158-169.
21. Fekti, László Richárd; Székely, László; Géczi, Gábor (2021): Mesterséges szellőztetés hatékonyan csökkenti a radonkoncentrációt a komfort terekben MAGYAR INSTALLATEUR 31: 5 pp. 27-33.
22. Fekti, L. R.; Székely, L.; Géczi, G (2021): Indoor air pollutants on comfort inside residential buildings with different energy classifications In: Gábor, Géczi; Richárd, Kicsiny; László, Székely Efficiency, solar and thermal energy for the human comfort: Book of Abstracts Gödöllő, Magyarország: Hungarian University of Agriculture and Life Sciences 47 p. pp. 43-44.
23. Fekti, L.R.; Géczi, G.; Székely, L (2021): Indoor pollutants from old and newly built houses In: Farkas, István; Víg, Piroska (szerk.) 27th Workshop on Energy and Environment, December 9-10, 2021, Gödöllő, Hungary: Book of Abstracts Gödöllő, Magyarország: Magyar Agrár- és Élettudományi Egyetem 38 p. pp. 18-18.
24. Géczi, G.; Qor-El-Aine, A.; Béres, A. (2021) Debrecenben megfigyelt magas szálló por (PM10) koncentráció elemzése ACTA AGRONOMICA ÓVÁRIENSIS 62: Ksz 1 pp. 170-183.
25. Géczi, Gábor (2021): Methane and hydrogen-sulphide load from thermal water in Hungary In: Gábor, Géczi; Richárd, Kicsiny; László, Székely Efficiency, solar and thermal energy for the human comfort : Book of Abstracts Gödöllő, Magyarország : Hungarian University of Agriculture and Life Sciences 47 p. pp. 15-16.

26. Patonai, Z.; Géczi, G (2021): Katonai tábor élelmiszerátvitelének belső levegőminőség vizsgálata ACTA AGRONOMICA ÓVÁRIENSIS 62: 112-127.
27. Patonai, Zoltán; Géczi, Gábor (2021): Research of the internal environment of the military camp buildings SCIENCE TECHNOLOGY AND INNOVATION 13:2 pp. 35-40.
28. Qor-el-aine, A.; Géczi, G (2021): The impact of particulate matter pollution on the solar energy production In: Gábor, Géczi; Richárd, Kicsiny; László, Székely Efficiency, solar and thermal energy for the human comfort : Book of Abstracts Gödöllő, Magyarország: Hungarian University of Agriculture and Life Sciences 47 p. pp. 27-28.
29. Qor-el-aine, Achraf; Béres, András; Géczi, Gábor (2021): The concentration level of PM10 in southern Poland (Katowice, Krakow, and Rzeszów) during the year 2018 SCIENCE TECHNOLOGY AND INNOVATION 14 : 3-4 pp. 27-34.
30. Zoltán, Patonai; Richárd, Kicsiny; Gábor, Géczi (2021): Research of the internal environment of the military camp buildings In: Gábor, Géczi; Richárd, Kicsiny; László, Székely Efficiency, solar and thermal energy for the human comfort : Book of Abstracts Gödöllő, Magyarország: Hungarian University of Agriculture and Life Sciences 47 p. pp. 39-40.
31. Fekti, L. R.; Székely, L.; Géczi, G. (2020): Researching the effect of pollutants on comfort inside residential buildings with different energy classifications In: Farkas, István (szerk.) 26th workshop on energy and environment. Book of abstracts Gödöllő, Magyarország : Szent István Egyetem, Fizika és Folyamatirányítás Tanszék 34 p. pp. 29-29.
32. Géczi, Gábor; Kicsiny, Richárd; Baráth, István; Patonai, Zoltán (2020): Katonai tábori elhelyezés, belső környezet KATONAI LOGISZTIKA 28: 3 pp. 20-44.
33. Qor-el-aine, A.; Géczi, G.; Béres, A. (2020): Source regions of PM10 particles during high concentration days in Kecskemét Hungary In: Farkas, István (szerk.) 26th workshop on energy and environment. Book of abstracts Gödöllő, Magyarország: Szent István Egyetem, Fizika és Folyamatirányítás Tanszék 34 p. pp. 30-30.
34. Qor-el-aine, A.; Benécs, J.; Béres, A.; Géczi, G. (2020): Evaluation of particulate matter low-cost sensors: laboratory case study MECHANICAL ENGINEERING LETTERS 20: 1 pp. 67-72.
35. Patonai, Zoltán; Kicsiny, Richárd; Géczi, Gábor (2019): Research the comfort optimum in the Military Camp MECHANICAL ENGINEERING LETTERS 19 : 1 pp. 70-78.
36. Qor-el-aine, A.; Béres, A.; Géczi, G. (2019): The different transmission of air pollutants in Morocco MECHANICAL ENGINEERING LETTERS 19:1 pp. 79-87.
37. Gábor, Géczi; József, Benécs; Krisztina, Kristóf; Márk, Horváth (2018): High concentrations of radon and carbon dioxide in energy-efficient family houses without heat recovery ventilation JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT 26: 1 pp. 64-74.
38. P., Hermanucz; István, Barótfi; G., Géczi (2018): Environmental and healthcare risks of refrigerants MECHANICAL ENGINEERING LETTERS 17 pp. 28-34.
39. E, Lázár; K, Pusztai; G, Géczi (2013): Air Load of Thermal Water HUNGARIAN AGRICULTURAL ENGINEERING 25 pp. 80-84.