**Supplementary Reference List**

Aburas, Maher Milad, Mohd Sanusi S. Ahamad, and Najat Qader Omar. 2019. “Spatio-Temporal Simulation and Prediction of Land-Use Change Using Conventional and Machine Learning Models: A Review.” Environmental Monitoring and Assessment 191 (4): 205. doi:10.1007/s10661-019-7330-6.

Ahmed, Imran, David Camacho, Gwanggil Jeon, and Francesco Piccialli. 2022. “Internet of Health Things Driven Deep Learning-Based System for Non-Invasive Patient Discomfort Detection Using Time Frame Rules and Pairwise Keypoints Distance Feature.” Sustainable Cities and Society 79 (April): 103672. doi:10.1016/j.scs.2022.103672.

Atis, Selcuk, and Nazmi Ekren. 2016. “Development of an Outdoor Lighting Control System Using Expert System.” Energy and Buildings 130 (October): 773–86. doi:10.1016/j.enbuild.2016.08.066.

Bertoletti, Alice, Jasmina Berbegal-Mirabent, and Tommaso Agasisti. 2022. “Higher Education Systems and Regional Economic Development in Europe: A Combined Approach Using Econometric and Machine Learning Methods.” Socio-Economic Planning Sciences 82 (August): 101231. doi:10.1016/j.seps.2022.101231.

Birks, Daniel, Alex Coleman, and David Jackson. 2020. “Unsupervised Identification of Crime Problems from Police Free-Text Data.” Crime Science 9 (1): 18. doi:10.1186/s40163-020-00127-4.

Buddhahai, Bundit, Waranyu Wongseree, and Pattana Rakkwamsuk. 2018. “A Non-Intrusive Load Monitoring System Using Multi-Label Classification Approach.” Sustainable Cities and Society 39 (May): 621–30. doi:10.1016/j.scs.2018.02.002.

Bulka, Catherine M., Molly Scannell Bryan, Melissa A. Lombard, Scott M. Bartell, Daniel K. Jones, Paul M. Bradley, Veronica M. Vieira, et al. 2022. “Arsenic in Private Well Water and Birth Outcomes in the United States.” Environment International 163 (May): 107176. doi:10.1016/j.envint.2022.107176.

Cai, Bo, and Yaoxiang Yu. 2022. “Flood Forecasting in Urban Reservoir Using Hybrid Recurrent Neural Network.” Urban Climate 42 (March): 101086. doi:10.1016/j.uclim.2022.101086.

Carrillo-Hermosilla, Javier. 2006. “A Policy Approach to the Environmental Impacts of Technological Lock-In.” Ecological Economics 58 (4): 717–42. doi:10.1016/j.ecolecon.2005.09.001.

Cataldo, Antonia, and Antonio M. Rinaldi. 2010. “An Ontological Approach to Represent Knowledge in Territorial Planning Science.” Computers, Environment and Urban Systems 34 (2): 117–32. doi:10.1016/j.compenvurbsys.2009.09.004.

Chen, Yu-Wen, Sourav Medya, and Yi-Chun Chen. 2022. “Investigating Variable Importance in Ground-Level Ozone Formation with Supervised Learning.” Atmospheric Environment 282 (August): 119148. doi:10.1016/j.atmosenv.2022.119148.

Cheng, Long, Jonas De Vos, Pengjun Zhao, Min Yang, and Frank Witlox. 2020. “Examining Non-Linear Built Environment Effects on Elderly’s Walking: A Random Forest Approach.” Transportation Research Part D: Transport and Environment 88 (November): 102552. doi:10.1016/j.trd.2020.102552.

Cheng, Shifen, Peng Peng, and Feng Lu. 2020. “A Lightweight Ensemble Spatiotemporal Interpolation Model for Geospatial Data.” International Journal of Geographical Information Science 34 (9): 1849–72. doi:10.1080/13658816.2020.1725016.

Cheng, Tan, Xiangqian Zhu, Xiaoyong Gu, Fan Yang, and Mojtaba Mohammadi. 2021. “Stochastic Energy Management and Scheduling of Microgrids in Correlated Environment: A Deep Learning-Oriented Approach.” Sustainable Cities and Society 69 (June): 102856. doi:10.1016/j.scs.2021.102856.

Chesser, Michael, Pádraig Lyons, Padraic O’Reilly, and Paula Carroll. 2021. “Air Source Heat Pump In-Situ Performance.” Energy and Buildings 251 (November): 111365. doi:10.1016/j.enbuild.2021.111365.

Clapp, John M., and Thies Lindenthal. 2022. “Urban Land Valuation with Bundled Good and Land Residual Assumptions.” Journal of Housing Economics 58 (December): 101872. doi:10.1016/j.jhe.2022.101872.

Cui, Fang, Sinan Q. Salih, Bahram Choubin, Suraj Kumar Bhagat, Pijush Samui, and Zaher Mundher Yaseen. 2020. “Newly Explored Machine Learning Model for River Flow Time Series Forecasting at Mary River, Australia.” Environmental Monitoring and Assessment 192 (12): 761. doi:10.1007/s10661-020-08724-1.

Cui, Zhiyong, Ruimin Ke, Ziyuan Pu, Xiaolei Ma, and Yinhai Wang. 2020. “Learning Traffic as a Graph: A Gated Graph Wavelet Recurrent Neural Network for Network-Scale Traffic Prediction.” Transportation Research Part C: Emerging Technologies 115 (June): 102620. doi:10.1016/j.trc.2020.102620.

Cullen, Ian. 1986. “Expert Systems in Planning Analysis.” The Town Planning Review 57 (3). Liverpool University Press: 239–51.

Darmoul, Saber, Sabeur Elkosantini, Ali Louati, and Lamjed Ben Said. 2017. “Multi-Agent Immune Networks to Control Interrupted Flow at Signalized Intersections.” Transportation Research Part C: Emerging Technologies 82 (September): 290–313. doi:10.1016/j.trc.2017.07.003.

Das, Subasish, Beverly Storey, Tahmida Hossain Shimu, Sudeshna Mitra, Magdalena Theel, and Bita Maraghehpour. 2020. “Severity Analysis of Tree and Utility Pole Crashes: Applying Fast and Frugal Heuristics.” IATSS Research 44 (2): 85–93. doi:10.1016/j.iatssr.2019.08.001.

DeLuca, Nicole M., Michelle Angrish, Amina Wilkins, Kris Thayer, and Elaine A. Cohen Hubal. 2021. “Human Exposure Pathways to Poly- and Perfluoroalkyl Substances (PFAS) from Indoor Media: A Systematic Review Protocol.” Environment International 146 (January): 106308. doi:10.1016/j.envint.2020.106308.

Demetriou, Demetris, John Stillwell, and Linda See. 2012. “Land Consolidation in Cyprus: Why Is an Integrated Planning and Decision Support System Required?” Land Use Policy 29 (1): 131–42. doi:10.1016/j.landusepol.2011.05.012.

Deppner, Juergen, and Marcelo Cajias. 2022. “Accounting for Spatial Autocorrelation in Algorithm-Driven Hedonic Models: A Spatial Cross-Validation Approach.” The Journal of Real Estate Finance and Economics, July. doi:10.1007/s11146-022-09915-y.

Dong, Chunjiao, Chunfu Shao, Juan Li, and Zhihua Xiong. 2018. “An Improved Deep Learning Model for Traffic Crash Prediction.” Journal of Advanced Transportation 2018 (December): 1–13. doi:10.1155/2018/3869106.

Erdem Okumus, Deniz, and Fatih Terzi. 2021. “Evaluating the Role of Urban Fabric on Surface Urban Heat Island: The Case of Istanbul.” Sustainable Cities and Society 73 (October): 103128. doi:10.1016/j.scs.2021.103128.

Erickson, Ingrid, and Judy Wajcman. 2022. “Optimizing Temporal Capital: How Big Tech Imagines Time as Auditable.” American Behavioral Scientist, October, 000276422211272. doi:10.1177/00027642221127243.

Ezimand, Keyvan, Mohsen Azadbakht, and Hossein Aghighi. 2021. “Analyzing the Effects of 2D and 3D Urban Structures on LST Changes Using Remotely Sensed Data.” Sustainable Cities and Society 74 (November): 103216. doi:10.1016/j.scs.2021.103216.

Fan, Chao, Miguel Esparza, Jennifer Dargin, Fangsheng Wu, Bora Oztekin, and Ali Mostafavi. 2020. “Spatial Biases in Crowdsourced Data: Social Media Content Attention Concentrates on Populous Areas in Disasters.” Computers, Environment and Urban Systems 83 (September): 101514. doi:10.1016/j.compenvurbsys.2020.101514.

Fang, Wenqi, Shitian Zhang, Hui Huang, Shaobo Dang, Zhejun Huang, Wenfei Li, Zheng Wang, Tianfu Sun, and Huiyun Li. 2020. “Learn to Make Decision with Small Data for Autonomous Driving: Deep Gaussian Process and Feedback Control.” Journal of Advanced Transportation 2020 (August): 1–11. doi:10.1155/2020/8495264.

Fernández, Carlos, David Fernández-Llorca, and Miguel A. Sotelo. 2017. “A Hybrid Vision-Map Method for Urban Road Detection.” Journal of Advanced Transportation 2017: 1–21. doi:10.1155/2017/7090549.

Filom, Siyavash, Amir M. Amiri, and Saiedeh Razavi. 2022. “Applications of Machine Learning Methods in Port Operations – A Systematic Literature Review.” Transportation Research Part E: Logistics and Transportation Review 161 (May): 102722. doi:10.1016/j.tre.2022.102722.

Fu, Xinyu, Chaosu Li, and Wei Zhai. 2023. “Using Natural Language Processing to Read Plans: A Study of 78 Resilience Plans From the 100 Resilient Cities Network.” Journal of the American Planning Association 89 (1): 107–19. doi:10.1080/01944363.2022.2038659.

Fusco, Gaetano, Chiara Colombaroni, and Natalia Isaenko. 2016. “Short-Term Speed Predictions Exploiting Big Data on Large Urban Road Networks.” Transportation Research Part C: Emerging Technologies 73 (December): 183–201. doi:10.1016/j.trc.2016.10.019.

Genser, Alexander, and Anastasios Kouvelas. 2022. “Dynamic Optimal Congestion Pricing in Multi-Region Urban Networks by Application of a Multi-Layer-Neural Network.” Transportation Research Part C: Emerging Technologies 134 (January): 103485. doi:10.1016/j.trc.2021.103485.

Ghahramani, Mohammadhossein, Nadina J. Galle, Carlo Ratti, and Francesco Pilla. 2021. “Tales of a City: Sentiment Analysis of Urban Green Space in Dublin.” Cities 119 (December): 103395. doi:10.1016/j.cities.2021.103395.

González-Vidal, Aurora, Fernando Jiménez, and Antonio F. Gómez-Skarmeta. 2019. “A Methodology for Energy Multivariate Time Series Forecasting in Smart Buildings Based on Feature Selection.” Energy and Buildings 196 (August): 71–82. doi:10.1016/j.enbuild.2019.05.021.

Gopalakrishnan, B., R. W. Plummer, R. Kulkarni, and P. Mangalampalli. 2002. “SOLVENT AND PAINT WASTE REDUCTION WITH AN EXPERT SYSTEM FOR INDUSTRIAL WASTE MINIMIZATION.” Journal of Environmental Systems 29 (1): 39–53. doi:10.2190/P9W5-325X-CDDE-XJ50.

Gordon, Sean N., and Kirsten Gallo. 2011. “Structuring Expert Input for a Knowledge-Based Approach to Watershed Condition Assessment for the Northwest Forest Plan, USA.” Environmental Monitoring and Assessment 172 (1–4): 643–61. doi:10.1007/s10661-010-1362-2.

Grimmelikhuijsen, Stephan. 2023. “Explaining Why the Computer Says No: Algorithmic Transparency Affects the Perceived Trustworthiness of Automated Decision‐Making.” Public Administration Review 83 (2): 241–62. doi:10.1111/puar.13483.

Guo, Zhou, and Chen-Chieh Feng. 2020. “Using Multi-Scale and Hierarchical Deep Convolutional Features for 3D Semantic Classification of TLS Point Clouds.” International Journal of Geographical Information Science 34 (4): 661–80. doi:10.1080/13658816.2018.1552790.

Hagenauer, Julian, and Marco Helbich. 2013. “Contextual Neural Gas for Spatial Clustering and Analysis.” International Journal of Geographical Information Science 27 (2): 251–66. doi:10.1080/13658816.2012.667106.

He, Xiaofei, Zijun Zhang, and Andrew Kusiak. 2014. “Performance Optimization of HVAC Systems with Computational Intelligence Algorithms.” Energy and Buildings 81 (October): 371–80. doi:10.1016/j.enbuild.2014.06.021.

Hodorog, Andrei, Ioan Petri, and Yacine Rezgui. 2022. “Machine Learning and Natural Language Processing of Social Media Data for Event Detection in Smart Cities.” Sustainable Cities and Society 85 (October): 104026. doi:10.1016/j.scs.2022.104026.

Huang, Dengkai, Bin Jiang, and Lei Yuan. 2022. “Analyzing the Effects of Nature Exposure on Perceived Satisfaction with Running Routes: An Activity Path-Based Measure Approach.” Urban Forestry & Urban Greening 68 (February): 127480. doi:10.1016/j.ufug.2022.127480.

Huang, Keyong, Qingyang Xiao, Xia Meng, Guannan Geng, Yujie Wang, Alexei Lyapustin, Dongfeng Gu, and Yang Liu. 2018. “Predicting Monthly High-Resolution PM2.5 Concentrations with Random Forest Model in the North China Plain.” Environmental Pollution 242 (November): 675–83. doi:10.1016/j.envpol.2018.07.016.

Ivonchyk, Mikhail. 2023. “Public Appeals as a Budgetary Weapon.” International Journal of Public Administration 46 (10): 702–15. doi:10.1080/01900692.2021.2011918.

Izquierdo-Horna, Luis, Miker Damazo, and Deyvis Yanayaco. 2022. “Identification of Urban Sectors Prone to Solid Waste Accumulation: A Machine Learning Approach Based on Social Indicators.” Computers, Environment and Urban Systems 96 (September): 101834. doi:10.1016/j.compenvurbsys.2022.101834.

Jia, Jia, Xiaoqing Zhang, Caihong Huang, and Hao Luan. 2022. “Multiscale Analysis of Human Social Sensing of Urban Appearance and Its Effects on House Price Appreciation in Wuhan, China.” Sustainable Cities and Society 81 (June): 103844. doi:10.1016/j.scs.2022.103844.

Jiang, Lian Lian, Douglas L. Maskell, and Jagdish C. Patra. 2013. “A Novel Ant Colony Optimization-Based Maximum Power Point Tracking for Photovoltaic Systems under Partially Shaded Conditions.” Energy and Buildings 58 (March): 227–36. doi:10.1016/j.enbuild.2012.12.001.

Jiang, Xiushan, Lei Zhang, and Xiqun (Michael) Chen. 2014. “Short-Term Forecasting of High-Speed Rail Demand: A Hybrid Approach Combining Ensemble Empirical Mode Decomposition and Gray Support Vector Machine with Real-World Applications in China.” Transportation Research Part C: Emerging Technologies 44 (July): 110–27. doi:10.1016/j.trc.2014.03.016.

Jiménez-Fernández, Eduardo, Angeles Sánchez, and Mario Ortega-Pérez. 2022. “Dealing with Weighting Scheme in Composite Indicators: An Unsupervised Distance-Machine Learning Proposal for Quantitative Data.” Socio-Economic Planning Sciences 83 (October): 101339. doi:10.1016/j.seps.2022.101339.

Johnson, Erik B, Alan Tidwell, and Sriram V Villupuram. 2020. “Valuing Curb Appeal.” The Journal of Real Estate Finance and Economics 60 (1–2): 111–33. doi:10.1007/s11146-019-09713-z.

Juan, Yi-Kai, Peng Gao, and Jie Wang. 2010. “A Hybrid Decision Support System for Sustainable Office Building Renovation and Energy Performance Improvement.” Energy and Buildings 42 (3): 290–97. doi:10.1016/j.enbuild.2009.09.006.

Kang, Yoojin, Hyunyoung Choi, Jungho Im, Seohui Park, Minso Shin, Chang-Keun Song, and Sangmin Kim. 2021. “Estimation of Surface-Level NO2 and O3 Concentrations Using TROPOMI Data and Machine Learning over East Asia.” Environmental Pollution 288 (November): 117711. doi:10.1016/j.envpol.2021.117711.

Katpatal, Yashwant B., and B. V. S. Rama Rao. 2011. “Urban Spatial Decision Support System for Municipal Solid Waste Management of Nagpur Urban Area Using High-Resolution Satellite Data and Geographic Information System.” Journal of Urban Planning and Development 137 (1): 65–76. doi:10.1061/(ASCE)UP.1943-5444.0000043.

Kim, Daejin, Haobing Liu, Michael O. Rodgers, and Randall Guensler. 2020. “Development of Roadway Link Screening Model for Regional-Level near-Road Air Quality Analysis: A Case Study for Particulate Matter.” Atmospheric Environment 237 (September): 117677. doi:10.1016/j.atmosenv.2020.117677.

Kim, Soonhee, Kim Normann Andersen, and Jungwoo Lee. 2022. “Platform Government in the Era of Smart Technology.” Public Administration Review 82 (2): 362–68. doi:10.1111/puar.13422.

Koenig, Reinhard, Martin Bielik, Martin Dennemark, Theresa Fink, Sven Schneider, and Norbert Siegmund. 2020. “Levels of Automation in Urban Design Through Arti Ficial Intelligence: A Framework to Characterize Automation Approaches.” Built Environment 46 (4): 599–619. doi:10.2148/benv.46.4.599.

Krč, Rostislav, Jan Podroužek, Martina Kratochvílová, Ivan Vukušič, and Otto Plášek. 2020. “Neural Network-Based Train Identification in Railway Switches and Crossings Using Accelerometer Data.” Edited by Petr Dolezel. Journal of Advanced Transportation 2020 (November): 1–10. doi:10.1155/2020/8841810.

Langendorf, Richard. 1985. “Computers and Decision Making.” Journal of the American Planning Association 51 (4): 422–33. doi:10.1080/01944368508976831.

Larkin, Andrew, Xiang Gu, Lizhong Chen, and Perry Hystad. 2021. “Predicting Perceptions of the Built Environment Using GIS, Satellite and Street View Image Approaches.” Landscape and Urban Planning 216 (December): 104257. doi:10.1016/j.landurbplan.2021.104257.

Lee, Yongsung, and Bumsoo Lee. 2022. “What’s Eating Public Transit in the United States? Reasons for Declining Transit Ridership in the 2010s.” Transportation Research Part A: Policy and Practice 157 (March): 126–43. doi:10.1016/j.tra.2022.01.002.

Li, Feixue, Zhongkai Xie, Keith C. Clarke, Manchun Li, Honghua Chen, Jian Liang, and Zhenjie Chen. 2019. “An Agent-Based Procedure with an Embedded Agent Learning Model for Residential Land Growth Simulation: The Case Study of Nanjing, China.” Cities 88 (May): 155–65. doi:10.1016/j.cities.2018.10.008.

Li, Jiayu, Huang Zhang, Chun-Ying Chao, Chih-Hsiang Chien, Chang-Yu Wu, Cyuan Heng Luo, Ling-Jyh Chen, and Pratim Biswas. 2020. “Integrating Low-Cost Air Quality Sensor Networks with Fixed and Satellite Monitoring Systems to Study Ground-Level PM2.5.” Atmospheric Environment 223 (February): 117293. doi:10.1016/j.atmosenv.2020.117293.

Li, Jinlong, Zhigang Xu, Lan Fu, Xuesong Zhou, and Hongkai Yu. 2021. “Domain Adaptation from Daytime to Nighttime: A Situation-Sensitive Vehicle Detection and Traffic Flow Parameter Estimation Framework.” Transportation Research Part C: Emerging Technologies 124 (March): 102946. doi:10.1016/j.trc.2020.102946.

Li, Rui, Lulu Cui, Ya Meng, Yilong Zhao, and Hongbo Fu. 2019. “Satellite-Based Prediction of Daily SO2 Exposure across China Using a High-Quality Random Forest-Spatiotemporal Kriging (RF-STK) Model for Health Risk Assessment.” Atmospheric Environment 208 (July): 10–19. doi:10.1016/j.atmosenv.2019.03.029.

Li, Yu, Daofang Chang, Yinping Gao, Ying Zou, and Chunteng Bao. 2021. “Automated Container Terminal Production Operation and Optimization via an AdaBoost-Based Digital Twin Framework.” Edited by Octavian Adrian Postolache. Journal of Advanced Transportation 2021 (September): 1–16. doi:10.1155/2021/1936764.

Lim, Chris C., Ho Kim, M.J. Ruzmyn Vilcassim, George D. Thurston, Terry Gordon, Lung-Chi Chen, Kiyoung Lee, Michael Heimbinder, and Sun-Young Kim. 2019. “Mapping Urban Air Quality Using Mobile Sampling with Low-Cost Sensors and Machine Learning in Seoul, South Korea.” Environment International 131 (October): 105022. doi:10.1016/j.envint.2019.105022.

Lin, Jinyao, Huiyin Wan, and Yutong Cui. 2020. “Analyzing the Spatial Factors Related to the Distributions of Building Heights in Urban Areas: A Comparative Case Study in Guangzhou and Shenzhen.” Sustainable Cities and Society 52 (January): 101854. doi:10.1016/j.scs.2019.101854.

Liu, X., P. V. Gorsevski, M. M. Yacobucci, and C. M. Onasch. 2016. “A Web-Based Multicriteria Evaluation of Spatial Trade-Offs between Environmental and Economic Implications from Hydraulic Fracturing in a Shale Gas Region in Ohio.” Environmental Monitoring and Assessment 188 (6): 376. doi:10.1007/s10661-016-5362-8.

Luleci, Furkan, F. Necati Catbas, and Onur Avci. 2022. “Generative Adversarial Networks for Data Generation in Structural Health Monitoring.” Frontiers in Built Environment 8 (February): 816644. doi:10.3389/fbuil.2022.816644.

Lv, Xianwei, Zhenfeng Shao, Xiao Huang, Wen Zhou, Dongping Ming, Jiaming Wang, and Chengzhuo Tong. 2022. “BTS: A Binary Tree Sampling Strategy for Object Identification Based on Deep Learning.” International Journal of Geographical Information Science 36 (4): 822–48. doi:10.1080/13658816.2021.1980883.

Ma, Jun, Yuexiong Ding, Jack C.P. Cheng, Feifeng Jiang, Vincent J.L. Gan, and Zherui Xu. 2020. “A Lag-FLSTM Deep Learning Network Based on Bayesian Optimization for Multi-Sequential-Variant PM2.5 Prediction.” Sustainable Cities and Society 60 (September): 102237. doi:10.1016/j.scs.2020.102237.

Mamdoohi, Sohrab, and Elise Miller-Hooks. 2022. “Machine Learning and Reverse Methods for a Deeper Understanding of Public Roadway Improvement Action Impacts during Execution.” Edited by Luis Miranda-Moreno. Journal of Advanced Transportation 2022 (September): 1–22. doi:10.1155/2022/6385236.

Meijers, Evert, and Antoine Peris. 2019. “Using Toponym Co-Occurrences to Measure Relationships between Places: Review, Application and Evaluation.” International Journal of Urban Sciences 23 (2): 246–68. doi:10.1080/12265934.2018.1497526.

Meng, Xia, Jenny L. Hand, Bret A. Schichtel, and Yang Liu. 2018. “Space-Time Trends of PM2.5 Constituents in the Conterminous United States Estimated by a Machine Learning Approach, 2005–2015.” Environment International 121 (December): 1137–47. doi:10.1016/j.envint.2018.10.029.

Milias, Vasileios, and Achilleas Psyllidis. 2021. “Assessing the Influence of Point-of-Interest Features on the Classification of Place Categories.” Computers, Environment and Urban Systems 86 (March): 101597. doi:10.1016/j.compenvurbsys.2021.101597.

Mizutani, Daijiro, Yuto Nakazato, and Jinwoo Lee. 2020. “Network-Level Synchronized Pavement Repair and Work Zone Policies: Optimal Solution and Rule-Based Approximation.” Transportation Research Part C: Emerging Technologies 120 (November): 102797. doi:10.1016/j.trc.2020.102797.

Munir, Said, Zhiwen Luo, Tim Dixon, Ghaithaa Manla, Daniel Francis, Haibo Chen, and Ye Liu. 2022. “The Impact of Smart Traffic Interventions on Roadside Air Quality Employing Machine Learning Approaches.” Transportation Research Part D: Transport and Environment 110 (September): 103408. doi:10.1016/j.trd.2022.103408.

Muniz Do Nascimento, Willian, and Luiz Gomes-Jr. 2022. “Enabling Low-Cost Automatic Water Leakage Detection: A Semi-Supervised, AutoML-Based Approach.” Urban Water Journal, April, 1–11. doi:10.1080/1573062X.2022.2056710.

Munnangi, Aswani Kumar, Bharat Lohani, and Subhas Chandra Misra. 2020. “A Review of Land Consolidation in the State of Uttar Pradesh, India: Qualitative Approach.” Land Use Policy 90 (January): 104309. doi:10.1016/j.landusepol.2019.104309.

Ngo, Ngoc-Tri. 2019. “Early Predicting Cooling Loads for Energy-Efficient Design in Office Buildings by Machine Learning.” Energy and Buildings 182 (January): 264–73. doi:10.1016/j.enbuild.2018.10.004.

Niu, Wen-jing, and Zhong-kai Feng. 2021. “Evaluating the Performances of Several Artificial Intelligence Methods in Forecasting Daily Streamflow Time Series for Sustainable Water Resources Management.” Sustainable Cities and Society 64 (January): 102562. doi:10.1016/j.scs.2020.102562.

Opperhuizen, Alette Eva, Erik Hans Klijn, and Kim Schouten. 2020. “How Do Media, Political and Regulatory Agendas Influence One Another in High Risk Policy Issues?” Policy & Politics 48 (3): 461–83. doi:10.1332/030557319X15734252420020.

Osorio-Arjona, Joaquín, Jiri Horak, Radek Svoboda, and Yolanda García-Ruíz. 2021. “Social Media Semantic Perceptions on Madrid Metro System: Using Twitter Data to Link Complaints to Space.” Sustainable Cities and Society 64 (January): 102530. doi:10.1016/j.scs.2020.102530.

Paudel, Subodh, Mohamed Elmitri, Stéphane Couturier, Phuong H. Nguyen, René Kamphuis, Bruno Lacarrière, and Olivier Le Corre. 2017. “A Relevant Data Selection Method for Energy Consumption Prediction of Low Energy Building Based on Support Vector Machine.” Energy and Buildings 138 (March): 240–56. doi:10.1016/j.enbuild.2016.11.009.

Pero-Gascon, Roger, Lieselot Y. Hemeryck, Giulia Poma, Gwen Falony, Tim S. Nawrot, Jeroen Raes, Lynn Vanhaecke, Marthe De Boevre, Adrian Covaci, and Sarah De Saeger. 2022. “FLEXiGUT: Rationale for Exposomics Associations with Chronic Low-Grade Gut Inflammation.” Environment International 158 (January): 106906. doi:10.1016/j.envint.2021.106906.

Plant, Robert T., and Juan P. Salinas. 1992. “CISEPO (City Selection Program): A DSS for Relocating Companies within the U.S.” Computers, Environment and Urban Systems 16 (2): 117–30. doi:10.1016/0198-9715(92)90023-K.

Podnar, Domagoj, Darko Koračin, and Anna Panorska. 2002. “Application of Artificial Neural Networks to Modeling the Transport and Dispersion of Tracers in Complex Terrain.” Atmospheric Environment 36 (3): 561–70. doi:10.1016/S1352-2310(01)00446-0.

Pohjankukka, Jonne, Tapio Pahikkala, Paavo Nevalainen, and Jukka Heikkonen. 2017. “Estimating the Prediction Performance of Spatial Models via Spatial K-Fold Cross Validation.” International Journal of Geographical Information Science 31 (10): 2001–19. doi:10.1080/13658816.2017.1346255.

Praing, Reasey, and Markus Schneider. 2009. “Topological Feature Vectors for Exploring Topological Relationships.” International Journal of Geographical Information Science 23 (3): 319–53. doi:10.1080/13658810802001305.

Qiu, Waishan, Ziye Zhang, Xun Liu, Wenjing Li, Xiaojiang Li, Xiang Xu, and Xiaokai Huang. 2022. “Subjective or Objective Measures of Street Environment, Which Are More Effective in Explaining Housing Prices?” Landscape and Urban Planning 221 (May): 104358. doi:10.1016/j.landurbplan.2022.104358.

Rahmani, Mehrdad, Aynaz Lotfata, Esfandiar Zebardast, Saeed Rastegar, Thomas W. Sanchez, Babak Aminzadeh Goharrizi, and Sina Landi. 2022. “Land Use Suitability Assessment for Economic Development at the Provincial Level: The Case Study of Yazd Province, Iran.” Sustainable Cities and Society 87 (December): 104163. doi:10.1016/j.scs.2022.104163.

Rahmati, Omid, Mahdi Panahi, Seid Saeid Ghiasi, Ravinesh C. Deo, John P. Tiefenbacher, Biswajeet Pradhan, Ali Jahani, et al. 2020. “Hybridized Neural Fuzzy Ensembles for Dust Source Modeling and Prediction.” Atmospheric Environment 224 (March): 117320. doi:10.1016/j.atmosenv.2020.117320.

Rani Hemamalini, Ranganathan, Rajasekaran Vinodhini, Balusamy Shanthini, Pachaivannan Partheeban, Mani Charumathy, and Karunakaran Cornelius. 2022. “Air Quality Monitoring and Forecasting Using Smart Drones and Recurrent Neural Network for Sustainable Development in Chennai City.” Sustainable Cities and Society 85 (October): 104077. doi:10.1016/j.scs.2022.104077.

Reid, Colleen E., Ellen M. Considine, Gregory L. Watson, Donatello Telesca, Gabriele G. Pfister, and Michael Jerrett. 2019. “Associations between Respiratory Health and Ozone and Fine Particulate Matter during a Wildfire Event.” Environment International 129 (August): 291–98. doi:10.1016/j.envint.2019.04.033.

Rittenbruch, Markus, Marcus Foth, Peta Mitchell, Rajjan Chitrakar, Bryce Christensen, and Christopher Pettit. 2022. “Co-Designing Planning Support Systems in Urban Science: The Questions They Answer and the Questions They Raise.” Journal of Urban Technology 29 (2): 7–32. doi:10.1080/10630732.2021.1980319.

Robinson, Vincent B., Andrew U. Frank, and Matthew A. Blaze. 1986. “Expert Systems Applied to Problems in Geographic Information Systems: Introduction, Review and Prospects.” Computers, Environment and Urban Systems 11 (4): 161–73. doi:10.1016/0198-9715(86)90025-6.

Ron-Ferguson, Nathan, Jae Teuk Chin, and Youngsang Kwon. 2021. “Leveraging Machine Learning to Understand Urban Change with Net Construction.” Landscape and Urban Planning 216 (December): 104239. doi:10.1016/j.landurbplan.2021.104239.

Schefers, Nina, Juan José Ramos González, Pau Folch, and José Luis Munoz-Gamarra. 2018. “A Constraint Programming Model with Time Uncertainty for Cooperative Flight Departures.” Transportation Research Part C: Emerging Technologies 96 (November): 170–91. doi:10.1016/j.trc.2018.09.013.

Sekuła, Przemysław, Zachary Vander Laan, Kaveh Farokhi Sadabadi, Krzysztof Kania, and Sara Zahedian. 2021. “Transferability of a Machine Learning-Based Model of Hourly Traffic Volume Estimation—Florida and New Hampshire Case Study.” Edited by Chi-Hua Chen. Journal of Advanced Transportation 2021 (November): 1–15. doi:10.1155/2021/9944918.

Sequerth, John, and Teresa DeFranks. 1987. “‘INTELLIGENT’ FEATURES UPGRADE FACILITIES.” 102 (3): 42, 44, 46–48.

Sheng, Weili, Xiaoming Kan, Bo Wen, and Lin Zhang. 2021. “Design Matters: New Insights on Optimizing Energy Consumption for Residential Buildings.” Energy and Buildings 242 (July): 110976. doi:10.1016/j.enbuild.2021.110976.

Shotter, John. 1997. “Artificial Intelligence and the Dialogical.” American Behavioral Scientist 40 (6): 813–28. doi:10.1177/0002764297040006009.

Singleton, Alex, Dani Arribas-Bel, John Murray, and Martin Fleischmann. 2022. “Estimating Generalized Measures of Local Neighbourhood Context from Multispectral Satellite Images Using a Convolutional Neural Network.” Computers, Environment and Urban Systems 95 (July): 101802. doi:10.1016/j.compenvurbsys.2022.101802.

Sonnweber, Martina, Steffen Lau, and Johannes Kirchebner. 2022. “Exploring Characteristics of Homicide Offenders With Schizophrenia Spectrum Disorders Via Machine Learning.” International Journal of Offender Therapy and Comparative Criminology, June, 0306624X2211027. doi:10.1177/0306624X221102799.

Sun, Qiancheng, Abdulelah Alhamayani, Kefan Huang, Lu Hao, Kevin Hallinan, and Ahmed Ghareeb. 2022. “Smart Wi-Fi Physics-Informed Thermostat Enabled Estimation of Residential Passive Solar Heat Gain for Any Residence.” Energy and Buildings 261 (April): 111934. doi:10.1016/j.enbuild.2022.111934.

Sysyn, Mykola, Ulf Gerber, Olga Nabochenko, Dmitri Gruen, and Franziska Kluge. 2019. “Prediction of Rail Contact Fatigue on Crossings Using Image Processing and Machine Learning Methods.” Urban Rail Transit 5 (2): 123–32. doi:10.1007/s40864-019-0105-0.

Taecharungroj, Viriya, Gary Warnaby, and Cathy Parker. 2021. “Responding to the Voice of the Markets: An Analysis of Tripadvisor Reviews of UK Retail Markets.” Journal of Place Management and Development 14 (2): 180–200. doi:10.1108/JPMD-02-2020-0016.

Taheri, Saman, and Ali Razban. 2022. “A Novel Probabilistic Regression Model for Electrical Peak Demand Estimate of Commercial and Manufacturing Buildings.” Sustainable Cities and Society 77 (February): 103544. doi:10.1016/j.scs.2021.103544.

Tang, Jinjun, Lanlan Zheng, Chunyang Han, Fang Liu, and Jianming Cai. 2020. “Traffic Incident Clearance Time Prediction and Influencing Factor Analysis Using Extreme Gradient Boosting Model.” Journal of Advanced Transportation 2020 (June): 1–12. doi:10.1155/2020/6401082.

Vartholomaios, Aristotelis. 2021. “Classification of the Influence of Urban Canyon Geometry and Reflectance on Seasonal Solar Irradiation in Three European Cities.” Sustainable Cities and Society 75 (December): 103379. doi:10.1016/j.scs.2021.103379.

Wang, Ge, Shenghua Xie, and Xiaoqian Li. 2022. “Artificial Intelligence, Types of Decisions, and Street-Level Bureaucrats: Evidence from a Survey Experiment.” Public Management Review, May, 1–23. doi:10.1080/14719037.2022.2070243.

Wang, Haimei, Liping Tong, Hao Wang, Yanda Tan, Rui Zhang, Meixia Zhang, Yuanzheng Wang, et al. 2021. “VOC Emissions from Two-Layer Building and Vehicle Cabin Materials: Measurements and Independent Validation.” Atmospheric Environment 267 (December): 118772. doi:10.1016/j.atmosenv.2021.118772.

Wang, Jiahe, Masayuki Mae, and Keiichiro Taniguchi. 2022. “Uncertainty Modeling Method of Weather Elements Based on Deep Learning for Robust Solar Energy Generation of Building.” Energy and Buildings 266 (July): 112115. doi:10.1016/j.enbuild.2022.112115.

Wang, Shenhao, Qingyi Wang, and Jinhua Zhao. 2020. “Deep Neural Networks for Choice Analysis: Extracting Complete Economic Information for Interpretation.” Transportation Research Part C: Emerging Technologies 118 (September): 102701. doi:10.1016/j.trc.2020.102701.

Wang, Wenhao, Xiong Liu, Jianzhao Bi, and Yang Liu. 2022. “A Machine Learning Model to Estimate Ground-Level Ozone Concentrations in California Using TROPOMI Data and High-Resolution Meteorology.” Environment International 158 (January): 106917. doi:10.1016/j.envint.2021.106917.

Wang, Zhiyong, and Sisi Zlatanova. 2016. “Multi-Agent Based Path Planning for First Responders among Moving Obstacles.” Computers, Environment and Urban Systems 56 (March): 48–58. doi:10.1016/j.compenvurbsys.2015.11.001.

Wei, Honghao, Xiaohan Kang, Weina Wang, and Lei Ying. 2019. “QuickStop: A Markov Optimal Stopping Approach for Quickest Misinformation Detection.” arXiv. doi:10.48550/ARXIV.1903.04887.

Wilkins, Emily J., Derek Van Berkel, Hongchao Zhang, Monica A. Dorning, Scott M. Beck, and Jordan W. Smith. 2022. “Promises and Pitfalls of Using Computer Vision to Make Inferences about Landscape Preferences: Evidence from an Urban-Proximate Park System.” Landscape and Urban Planning 219 (March): 104315. doi:10.1016/j.landurbplan.2021.104315.

Wirtz, Bernd W., Paul F. Langer, and Carolina Fenner. 2021. “Artificial Intelligence in the Public Sector - a Research Agenda.” International Journal of Public Administration 44 (13): 1103–28. doi:10.1080/01900692.2021.1947319.

Wong, Pei-Yi, Hsiao-Yun Lee, Yu-Cheng Chen, Yu-Ting Zeng, Yinq-Rong Chern, Nai-Tzu Chen, Shih-Chun Candice Lung, Huey-Jen Su, and Chih-Da Wu. 2021. “Using a Land Use Regression Model with Machine Learning to Estimate Ground Level PM2.5.” Environmental Pollution 277 (May): 116846. doi:10.1016/j.envpol.2021.116846.

Wu, Yuankai, Huachun Tan, and Bin Ran. 2018. “Differential Variable Speed Limits Control for Freeway Recurrent Bottlenecks via Deep Reinforcement Learning.” arXiv. doi:10.48550/ARXIV.1810.10952.

Wu, Zhibin, Nianping Li, Jinqing Peng, Haijiao Cui, Penglong Liu, Hongqiang Li, and Xiwang Li. 2018. “Using an Ensemble Machine Learning Methodology-Bagging to Predict Occupants’ Thermal Comfort in Buildings.” Energy and Buildings 173 (August): 117–27. doi:10.1016/j.enbuild.2018.05.031.

Xu, Haofan, Peter Croot, and Chaosheng Zhang. 2021. “Discovering Hidden Spatial Patterns and Their Associations with Controlling Factors for Potentially Toxic Elements in Topsoil Using Hot Spot Analysis and K-Means Clustering Analysis.” Environment International 151 (June): 106456. doi:10.1016/j.envint.2021.106456.

Xue, Puning, Yi Jiang, Zhigang Zhou, Xin Chen, Xiumu Fang, and Jing Liu. 2020. “Machine Learning-Based Leakage Fault Detection for District Heating Networks.” Energy and Buildings 223 (September): 110161. doi:10.1016/j.enbuild.2020.110161.

Yan, Xing, Zhou Zang, Yize Jiang, Wenzhong Shi, Yushan Guo, Dan Li, Chuanfeng Zhao, and Letu Husi. 2021. “A Spatial-Temporal Interpretable Deep Learning Model for Improving Interpretability and Predictive Accuracy of Satellite-Based PM2.5.” Environmental Pollution 273 (March): 116459. doi:10.1016/j.envpol.2021.116459.

Yang, Yuanxuan, Alison Heppenstall, Andy Turner, and Alexis Comber. 2020. “Using Graph Structural Information about Flows to Enhance Short-Term Demand Prediction in Bike-Sharing Systems.” Computers, Environment and Urban Systems 83 (September): 101521. doi:10.1016/j.compenvurbsys.2020.101521.

Yang, Zhao, Rong Tang, Weili Zeng, Jiahuan Lu, and Zhijie Zhang. 2021. “Short-Term Prediction of Airway Congestion Index Using Machine Learning Methods.” Transportation Research Part C: Emerging Technologies 125 (April): 103040. doi:10.1016/j.trc.2021.103040.

Ye, Yu, Daniel Richards, Yi Lu, Xiaoping Song, Yu Zhuang, Wei Zeng, and Teng Zhong. 2019. “Measuring Daily Accessed Street Greenery: A Human-Scale Approach for Informing Better Urban Planning Practices.” Landscape and Urban Planning 191 (November): 103434. doi:10.1016/j.landurbplan.2018.08.028.

Yi, Zhiyan, Xiaoyue Cathy Liu, Nikola Markovic, and Jeff Phillips. 2021. “Inferencing Hourly Traffic Volume Using Data-Driven Machine Learning and Graph Theory.” Computers, Environment and Urban Systems 85 (January): 101548. doi:10.1016/j.compenvurbsys.2020.101548.

Yin, Yanzhe, Andrew Grundstein, Deepak R. Mishra, Lakshmish Ramaswamy, Navid Hashemi Tonekaboni, and John Dowd. 2021. “DTEx: A Dynamic Urban Thermal Exposure Index Based on Human Mobility Patterns.” Environment International 155 (October): 106573. doi:10.1016/j.envint.2021.106573.

Ying, Cheng-shuo, Andy H.F. Chow, and Kwai-Sang Chin. 2020. “An Actor-Critic Deep Reinforcement Learning Approach for Metro Train Scheduling with Rolling Stock Circulation under Stochastic Demand.” Transportation Research Part B: Methodological 140 (October): 210–35. doi:10.1016/j.trb.2020.08.005.

Zamani, Shokufeh, Jamal Arkat, and Seyed Taghi Akhavan Niaki. 2022. “Service Interruption and Customer Withdrawal in the Congested Facility Location Problem.” Transportation Research Part E: Logistics and Transportation Review 165 (September): 102866. doi:10.1016/j.tre.2022.102866.

Zhao, Jian, Jiaming Li, and Jian Jia. 2021. “A Study on Posture-Based Teacher-Student Behavioral Engagement Pattern.” Sustainable Cities and Society 67 (April): 102749. doi:10.1016/j.scs.2021.102749.

Zhou, Fan, Liang Li, Kunpeng Zhang, and Goce Trajcevski. 2021. “Urban Flow Prediction with Spatial–Temporal Neural ODEs.” Transportation Research Part C: Emerging Technologies 124 (March): 102912. doi:10.1016/j.trc.2020.102912.

Zhu, Lei, Peilin Chen, Dandan Dong, and Zhixin Wang. 2022. “Can Artificial Intelligence Enable the Government to Respond More Effectively to Major Public Health Emergencies? ——Taking the Prevention and Control of Covid-19 in China as an Example.” Socio-Economic Planning Sciences 80 (March): 101029. doi:10.1016/j.seps.2021.101029.

Zhu, Songyan, Jian Xu, Chao Yu, Yapeng Wang, Dmitry S. Efremenko, Xiaoying Li, and Zhengwei Sui. 2021. “DecSolNet: A Noise Resistant Missing Information Recovery Framework for Daily Satellite NO2 Columns.” Atmospheric Environment 246 (February): 118143. doi:10.1016/j.atmosenv.2020.118143.