















- [20] P. K. D. Maeijer, W. V. D. Bergh, and C. Vuye, "Fiber bragg grating sensors in three asphalt pavement layers," *Infrastructures*, vol. 3, no. 2, p. 16, Jun. 2018.
- [21] W. Bańkowski, "Evaluation of fatigue life of asphalt concrete mixtures with reclaimed asphalt pavement," *App. Sci.*, vol. 8, no. 3, p. 469, Mar. 2018.
- [22] I. N. Grubeša, I. Barišić, T. Keser, and M. Vračević, "Wearing characteristics assessment of pervious concrete pavements," *Road Mat. and Pav. Desing*, vol. 20, no. 3, pp. 727–739, Apr. 2019.
- [23] G. Ingarao, P. C. Priarone, Y. Deng, and D. Paraskevas, "Environmental modelling of aluminium based components manufacturing routes: Additive manufacturing versus machining versus forming," *J. of Clean. Prod.*, vol. 176, pp. 261–275, Mar. 2018.
- [24] A. de Rubeis, P. D. Mascio, F. Montanarelli, and L. Moretti, "Design of a temporary surface-level helipad paved with aluminium mats," *Eu. Transp.*, vol. 2019, no. 72, p. 5, Jun. 2019.
- [25] K. Cibulová and J. Sobotka, "Utilization of perspective materials for negotiation of watercourses," in *Proc. IEEE Int. Conf., Transp. Means 2019*, vol. 1, 2019, pp. 655–659.
- [26] M. Ryms and E. K. Radziemska, "Possibilities and benefits of a new method of modifying conventional building materials with phase-change materials (PCMs)," *Const. and Build. Mat.*, vol. 211, pp. 1013–1024, Jun 2019.
- [27] C. Rodríguez, I. Miñano, M. Aguilar, J. Ortega, C. Parra, and I. Sánchez, "Properties of concrete paving blocks and hollow tiles with recycled aggregate from construction and demolition wastes," *Materials*, vol. 10, no. 12, p. 1374, Nov. 2017.
- [28] C. Maharaj, D. White, R. Maharaj, and C. Morin, "Re-use of steel slag as an aggregate to asphaltic road pavement surface," *Cog. Eng.*, vol. 4, no. 1, p. 1416889, Jan. 2017.
- [29] S. Du, J. Wu, O. AlShareedah, and X. Shi, "Nanotechnology in cement-based materials: a review of durability, modeling, and advanced characterization," *Nanomaterials*, vol. 9, no. 9, p. 1213, Sep. 2019.
- [30] M. Cabrera, J. Rosales, J. Ayuso, J. Estaire, and F. Agrela, "Feasibility of using olive biomass bottom ash in the sub-bases of roads and rural paths," *Const. and Build. Mat.*, vol. 181, pp. 266–275, Aug. 2018.
- [31] R. H. Latief, "Evaluation of the performance of glassphalt concrete mixtures for binder course," *Int. J. on Adv. Sc., Eng. and Inf. Tech.*, vol. 9, no. 4, pp. 1251–1259, Aug. 2019.
- [32] T. Imjai, K. Pilakoutas, and M. Guadagnini, "Performance of geosynthetic-reinforced flexible pavements in full-scale field trials," *Geotextiles and Geomembranes*, vol. 47, pp. 217–229, Apr. 2019.
- [33] J. S. Tingle, "Mechanistic analyses of geosynthetic reinforced aggregate road test sections," *Transp. Res. Record: J. of the Transp. Res. Board*, vol. 2673, no. 12, pp. 783–797, Sep. 2019.
- [34] K. H. Mamatha and S. V. Dinesh, "Performance evaluation of geocell-reinforced pavements," *Int. J. of Geot. Eng.*, vol. 13, no. 3, pp. 277–286, May. 2019.
- [35] S. Wu and B. Muhunthan, "A mechanistic-empirical model for predicting top-down fatigue cracking in an asphalt pavement overlay," *Road Mat. and Pav. Desing*, vol. 20, no. 6, pp. 1322–1353, Aug. 2019.
- [36] Z. Refaa, M. R. Kakar, A. Stamatou, J. Worlitschek, M. N. Partl, and M. Bueno, "Numerical study on the effect of phase change materials on heat transfer in asphalt concrete," *Int. J. of Ther. Sc.*, vol. 133, pp. 140–150, Nov. 2018.
- [37] Y. Du, J. Chen, Z. Han, and W. Liu, "A review on solutions for improving rutting resistance of asphalt pavement and test methods," *Const. and Build. Mat.*, vol. 168, pp. 893–905, Apr. 2018.
- [38] R. Buhari, M. M. Rohani, and S. Puteh, "Pavement life variation with material characteristics, road profiles and environmental effects," *Int. J. on Adv. Sc., Eng. and Inf. Tech.*, vol. 8, no. 6, pp. 2386–2392, Dec. 2018.
- [39] A. Vaitkus, T. Andriejauskas, O. Šernas, D. Čygas, and A. Laurinavičius, "Definition of concrete and composite precast concrete pavements texture," *Transport*, vol. 34, no. 3, pp. 404–414, May 2019.
- [40] L. Ferrara, T. V. Mullem, M. C. Alonso, P. Antonaci, R. P. Borg, E. Cuenca, A. Jefferson, P. L. Ng, A. Peled, M. R. Flores, M. Sanchez, C. Schroeff, P. Serna, D. Snoeck, J. M. Tulliani, and N. D. Belie, "Experimental characterization of the self-healing capacity of cement based materials and its effects on the material performance: A state of the art report by COST Action SARCOS WG2," *Const. and Build. Mat.*, vol. 167, pp. 115–142, Apr. 2018.
- [41] C. Farrugia, R. P. Borg, L. Ferrara, and J. Buhagiar, "The application of lysinibacillus sphaericus for surface treatment and crack healing in mortar," *Front. in Built Env.*, vol. 5, p. 62, Apr. 2019.
- [42] L. Cai, D. Zhang, S. Zhou, and W. Xu, "Experimental study on the fatigue performance of pavement structures made of AAHSP," *Int. J. of Pav. Eng.*, pp. 1–11, Jun. 2019.
- [43] G. Çam and G. İpekoğlu, "Recent developments in joining of aluminum alloys," *Int. Jour. Adv. Manuf. Technol.*, vol. 91, pp. 1851–1866, Jul. 2017.
- [44] Z. Karpíšek and P. Jelínek, "Stochastické metody analýzy spolehlivosti," in *An. dat 01/II – Mod. stat. met.*, vol. 1, 2001, pp. 109–127.
- [45] M. Vlkovský, "Impact of vehicle type and road quality on cargo securing," *Comm. – Sc. Lett. of the Un. of Zilina*, vol. 22, pp. 9–14, Jan. 2020.
- [46] *Český obranný standard 399006 Vojenské palety, svazky a kontejnery*, Úřad pro obrannou standardizaci, katalogizaci a státní ověřování jakosti: Prague, Czech Republic, 2010.
- [47] G. F. Huseien and K.W. Shah, "Durability and life cycle evaluation of self-compacting concrete containing fly ash as GBFS replacement with alkali activation," *Const. and Build. Mat.*, vol. 235, no. 117458, Feb. 2020.
- [48] P. Butorová, "Aspekty CALS v akvizičním procesu AČR," Ph.D. dissertation, Dept. Log., University of Defence, Brno, Czech republic, 2010.
- [49] M. Manosalvas-Paredes, N. Lajnef, K. Chatti, K. Aono, J. Blanc, N. Thom, G. Airey, and D. Lo Presti, "Data compression approach for long-term monitoring of pavement structures," *Infrastructures*, vol. 5, no. 1, p. 1, Dec. 2019.
- [50] F. S. Handayani, F. P. Pramesti, M. A. Wibowo, and A. Setyawan, "Estimating and reducing the release of greenhouse gases in local road pavement constructions," *Int. J. on Adv. Sc., Eng. and Inf. Tech.*, vol. 9, no. 5, pp. 1709–1715, Oct. 2019.