

REFERENCES

- Uddin, F., & Shaikh, A. (2016). Mechanical and durability properties of fly ash geopolymers concrete containing recycled coarse aggregates. *International Journal of Sustainable Built Environment*, 5(2), 277–287.
<https://doi.org/10.1016/j.ijsbe.2016.05.009>
- Osei, D. Y., & Jackson, E. N. (2012). Experimental Study on Palm Kernel Shells as Coarse Aggregates in Concrete, 3(8), 1–6.
- Khankhaje, E., Razman, M., Mirza, J., Warid, M., & Rafieizonooz, M. (2016). Properties of sustainable lightweight pervious concrete containing oil palm kernel shell as coarse aggregate. *Construction and Building Materials*, 126, 1054–1065.
<https://doi.org/10.1016/j.conbuildmat.2016.09.010>
- Lv, J., Zhou, T., Du, Q., & Wu, H. (2015). Effects of rubber particles on mechanical properties of lightweight aggregate concrete. *Construction and Building Materials*, 91, 145–149. <https://doi.org/10.1016/j.conbuildmat.2015.05.038>
- Rashad, A. M. (2016). Gulf Organisation for Research and Development A comprehensive overview about recycling rubber as fine aggregate replacement in traditional cementitious materials. *International Journal of Sustainable Built Environment*, 5(1), 46–82. <https://doi.org/10.1016/j.ijsbe.2015.11.003>
- Kanojia, A., & Jain, S. K. (2015). Performance of Coconut Shell as Coarse Aggregate in Concrete : A Review, 1096–1100.
- Ouda, A. S. (2015). Progress in Nuclear Energy Development of high-performance heavy density concrete using different aggregates for gamma-ray shielding. *Progress in Nuclear Energy*, 79, 48–55.
<https://doi.org/10.1016/j.pnucene.2014.11.009>
- Eskandari, H., Gharouni, M., & Mahdi, M. (2016). Prediction of Mortar Compressive Strengths for Different Cement Grades in the Vicinity of Sodium Chloride Using ANN. *Procedia Engineering*, 150, 2185–2192.
<https://doi.org/10.1016/j.proeng.2016.07.262>
- Momeen, M., Islam, U., Mo, K. H., & Alengaram, U. J. (2016). Mechanical and fresh properties of sustainable oil palm shell lightweight concrete incorporating palm oil fuel ash. *Journal of Cleaner Production*, 115, 307–314.
<https://doi.org/10.1016/j.jclepro.2015.12.051>

- Alghamri, R., & Kanellopoulos, A. (2016). Impregnation and encapsulation of lightweight aggregates for self-healing concrete. *Construction and Building Materials*, 124, 910–921. <https://doi.org/10.1016/j.conbuildmat.2016.07.143>
- Aslam, M., Sha, P., & Zamin, M. (2016). Oil-palm by-products as lightweight aggregate in concrete mixture : a review, 126. <https://doi.org/10.1016/j.jclepro.2016.03.100>
- Munir, A. (2015). Utilization of palm oil fuel ash (POFA) in producing lightweight foamed concrete for non-structural building material. *Procedia Engineering*, 125, 739–746. <https://doi.org/10.1016/j.proeng.2015.11.119>
- Gunasekaran, K., Annadurai, R., Chandar, S. P., & Anandh, S. (2016). Study for the relevance of coconut shell aggregate concrete non-pressure pipe. *AIN SHAMS ENGINEERING JOURNAL*. <https://doi.org/10.1016/j.asej.2016.02.011>
- Abdou, M. I., & Abuseda, H. (2016). Upgrading offshore pipelines concrete coated by silica fume additive against aggressive mechanical laying and environmental impact. *Egyptian Journal of Petroleum*, 25(2), 193–199. <https://doi.org/10.1016/j.ejpe.2015.04.004>
- Eskandari, H., Gharouni, M., & Mahdi, M. (2016). Prediction of Mortar Compressive Strengths for Different Cement Grades in the Vicinity of Sodium Chloride Using ANN. *Procedia Engineering*, 150, 2185–2192. <https://doi.org/10.1016/j.proeng.2016.07.262>
- Ashraf, W. B., & Noor, M. A. (2011). Performance-Evaluation of Concrete Properties for. *Procedia Engineering*, 14, 2627–2634. <https://doi.org/10.1016/j.proeng.2011.07.330>
- Schackow, A., Effting, C., Folgueras, M. V, Güths, S., & Mendes, G. A. (2014). Mechanical and thermal properties of lightweight concretes with vermiculite and EPS using air-entraining agent. *Construction and Building Materials*, 57, 190–197. <https://doi.org/10.1016/j.conbuildmat.2014.02.009>
- Ibrahim, N. M., Salehuddin, S., Amat, R. C., Liza, N., Nuraiti, T., & Izhar, T. (2013). Performance of Lightweight Foamed Concrete with Waste Clay Brick as Coarse Aggregate. *APCBEE Procedia*, 5, 497–501. <https://doi.org/10.1016/j.apcbee.2013.05.084>
- Aslam, M., Sha, P., & Zamin, M. (2016). Drying shrinkage behaviour of structural lightweight aggregate concrete containing blended oil palm bio-products, 127, 183–194. <https://doi.org/10.1016/j.jclepro.2016.03.165>

- Kumar, M., Kumar, S., & Kumar, A. (2016). Gulf Organisation for Research and Development Sustainable use of industrial-waste as partial replacement of fine aggregate for preparation of concrete – A review. *International Journal of Sustainable Built Environment*, 5(2), 484–516.
<https://doi.org/10.1016/j.ijsbe.2016.04.006>
- Ikponmwosa, E., Fapohunda, C., Kolajo, O., & Eyo, O. (2015). Structural behaviour of bamboo-reinforced foamed concrete slab containing polyvinyl wastes (PW) as partial replacement of fine aggregate. *Journal of King Saud University - Engineering Sciences*. <https://doi.org/10.1016/j.jksues.2015.06.005>
- R, A. K., & Engineering, C. (2016). Experimental Investigations on Structural Lightweight Concrete Columns obtained by Blending of Light Weight Aggregates, 1395–1401.
- Lv, J., Zhou, T., Du, Q., & Wu, H. (2015). Effects of rubber particles on mechanical properties of lightweight aggregate concrete. *Construction and Building Materials*, 91, 145–149. <https://doi.org/10.1016/j.conbuildmat.2015.05.038>
- Batayneh, M. K., Marie, I., & Asi, I. (2008). Promoting the use of crumb rubber concrete in developing countries, 28, 2171–2176.
<https://doi.org/10.1016/j.wasman.2007.09.035>
- Dann, D., Demikhova, A., & Craik, D. J. (n.d.). The Feasibility of Palm Kernel Shell as a Replacement for Coarse Aggregate in Lightweight Concrete.
<https://doi.org/10.1088/1755-1315/32/1/012040>
- Holmes, N., Browne, A., & Montague, C. (2014). Acoustic properties of concrete panels with crumb rubber as a fine aggregate replacement. *Construction and Building Materials*, 73, 195–204.
<https://doi.org/10.1016/j.conbuildmat.2014.09.107>
- Kaszynska, M., & Zielinski, A. (2015). Effect of lightweight aggregate on minimizing autogenous shrinkage in Self-Consolidating Concrete. *Procedia Engineering*, 108, 608–615. <https://doi.org/10.1016/j.proeng.2015.06.186>
- Bessenouci, M. Z., Triki, N. E. B., Khelladi, S., Draoui, B., & Abene, A. (2011). The apparent thermal conductivity of pozzolana concrete. *Physics Procedia*, 21(May 2010), 59–66. <https://doi.org/10.1016/j.phpro.2011.10.010>
- Ghannam, S., & Al-rawi, O. (2011). Experimental Study on Light Weight Concrete-Filled Steel Tubes, 5(4), 521–529.
- Mohamad, N., Khalifa, H., Aziz, A., Samad, A., Mendis, P., & Goh, W. I. (2016). Structural performance of recycled aggregate in CSP slab subjected to flexure load.

Construction and Building Materials, 115, 669–680.
<https://doi.org/10.1016/j.conbuildmat.2016.04.086>