



Challenge Prize Reading List

- Aboulnaga, M., Alwan, A., R. Elsharouny, M., 2019. Climate Change Adaptation: Assessment and Simulation for Hot-Arid Urban Settlements – The Case Study of the Asmarat Housing Project in Cairo, Egypt, in: Sayigh, A. (Ed.), Sustainable Building for a Cleaner Environment: Selected Papers from the World Renewable Energy Network's Med Green Forum 2017, Innovative Renewable Energy. Springer International Publishing, Cham, pp. 437–449. https://doi.org/10.1007/978-3-319-94595-8_37
- Ahmed, S.A., 2019. Financial Aspect and Practicability of Converting Existing Buildings to nZEB Case Study in Cairo, Egypt. IOP Conf. Ser.: Earth Environ. Sci. 397, 012021. <https://doi.org/10.1088/1755-1315/397/1/012021>
- Ashmawy, I.K.I.M., 2021. Stakeholder involvement in community resilience: evidence from Egypt. Environ Dev Sustain 23, 7996–8011. <https://doi.org/10.1007/s10668-020-00894-9>
- Attia, S., De Herde, A., 2009. Impact and potential of community scale low-energy retrofit: case study in Cairo.
- Dunne, J.P., Stouffer, R.J., John, J.G., 2013. Reductions in labour capacity from heat stress under climate warming. Nature Climate Change 3, 563–566.
- Edeisy, M., Cecere, C., 2017. Envelope Retrofit in Hot Arid Climates. Procedia Environmental Sciences, Sustainable synergies from Buildings to the Urban Scale 38, 264–273. <https://doi.org/10.1016/j.proenv.2017.03.075>
- Heath, G.A., Mendell, M.J., 2002. Do indoor environments in schools influence student performance? A review of the literature, in: Proceedings of the 9th International Conference on Indoor Air Quality and Climate, Indoor Air 2002.
- Hollowell, D.R., 2010. Perceptions of, and reactions to, environmental heat: a brief note on issues of concern in relation to occupational health. Glob Health Action 3.
- Hyatt, O.M., Lemke, B., Kjellstrom, T., 2010. Regional maps of occupational heat exposure: past, present, and potential future. Glob Health Action 3. <https://doi.org/10.3402/gha.v3i0.5715>
- Internationale Arbeitsorganisation, 2019. Working on a warmer planet the impact of heat stress on labour productivity and decent work. Fisk, W.J., 2000. Health and productivity gains from better indoor environments and their relationship with building energy efficiency. Annual Review of Energy and the Environment 25, 537–566.
- Kjellstrom, T., Holmer, I., Lemke, B., 2009. Workplace heat stress, health and productivity—an increasing challenge for low and middle-income countries during climate change. Global Health Action 2.
- Kjellstrom, T., Kovats, R.S., Lloyd, S.J., Holt, T., Tol, R.S.J., 2009. The Direct Impact of Climate Change on Regional Labor Productivity. Archives of Environmental & Occupational Health 64, 217–227.
- Kjellstrom, T., Gabrysch, S., Lemke, B., Dear, K., 2009. The “Hothaps” programme for assessing climate change impacts on occupational health and productivity: an invitation to carry out field studies. Glob Health Action 2. <https://doi.org/10.3402/gha.v2i0.2082>
- Kjellström, T., Ingvar, H., Bruno, L., 2009. Workplace heat stress, health and productivity. Global Health Action 2, 1–6.
- Lin, R.-T., Chan, C.-C., 2009. Effects of heat on workers' health and productivity in Taiwan. Glob Health Action 2.
- Lu, S.L., Zhu, N., Sun, L.J., 2006. Heat stress index and evaluation for extreme heat environment. Journal of Refrigeration 27, 45–49.
- Mavrogianni, Raslan, R. M., Kjellström, T., & Davies, M. 2014. [Climate change impacts on workplace heat & labour productivity loss: Thermal monitoring case study in Egypt](#). Presented at: 11th Symposium on the Urban Environment of The American Meteorological Society
- Nilsson, M., Kjellstrom, T., 2010. Climate change impacts on working people: how to develop prevention policies. Glob Health Action 3.
- Nour, A.M., 2011. The Potential of GIS Tools in Strategic Urban Planning Process; as an Approach for Sustainable Development in Egypt. Journal of Sustainable Development 4, p284. <https://doi.org/10.5539/jsd.v4n1p284>
- O, A., 1973. Influence of heat exposure on productivity. Work Environ Health 11, 94–99.
- Parsons, K., 2009. Maintaining health, comfort and productivity in heat waves. Global Health Action 2.
- Rabeyi, R.E., 2019. Evaluation of indoor heat stress on workers of bakeries at Assiut City, Egypt. Int. J. Environ. Sci. Technol. 16, 2637–2642. <https://doi.org/10.1007/s13762-018-1839-z>



CLIMATE RESILIENCE
OF MICRO, SMALL & MEDIUM
INDUSTRIAL WORKPLACES

- Raslan, R. M. 2013. Empowering Egypt [Digital scholarly resource]. Retrieved from <http://www.carboun.com/energy/empowering-egypt/>.
- Raslan, R. M. 2013. Empowering Egypt: Strategies [Digital scholarly resource]. Retrieved from <http://www.carboun.com/energy/empowering-egypt-strategies/>.
- Sarhan, A., Gomaa, B., Zaher, M., 2013. Thermal envelope retrofit: an assessment framework. Presented at the THE SUSTAINABLE CITY 2013, Putrajaya, Malaysia, pp. 803–813. <https://doi.org/10.2495/SC130682>
- Sarihi, S., Mehdizadeh Saradj, F., Faizi, M., 2021. A Critical Review of Façade Retrofit Measures for Minimizing Heating and Cooling Demand in Existing Buildings. *Sustainable Cities and Society* 64, 102525. <https://doi.org/10.1016/j.scs.2020.102525>
- Seppänen, O., Fisk, W.J., Faulkner, D., 2005. Control of Temperature for Health and Productivity in Offices. *ASHRAE transactions* 111.
- Seppanen, O., Fisk, W.J., Lei, Q.H., 2006. Effect of temperature on task performance in office environment. Lawrence Berkeley National Laboratory.
- UNIDO, 2015. Promoting climate resilient industry. United Nations Industrial Development Organisation.
- Verner, D., 2012. Adaptation to a Changing Climate in the Arab Countries, MENA Development Report. The World Bank. <https://doi.org/10.1596/978-0-8213-9459-5>