

DAFTAR PUSTAKA

- ANSI/ASHRAE. (2017). *Standard 55: 2017, Thermal Environmental Conditions for Human Occupancy*. ASHRAE.
- Ansley, L., Marvin, G., Sharma, A., Kendall, M. J., Jones, D. A., & Bridge, M. W. (2008). The Effects of Head Cooling on Endurance and Neuroendocrine Responses to Exercise in Warm Conditions. *Physiol. Res*, 57, 863–872. www.biomed.cas.cz/physiolres
- Armada-da-Silva, P. A. S., Woods, J., & Jones, D. A. (2004). The effect of passive heating and face cooling on perceived exertion during exercise in the heat. *European Journal of Applied Physiology*, 91(5–6), 563–571. <https://doi.org/10.1007/s00421-003-1006-0>
- Azizan, M. S., Ong, M. L. Y., & Chen, C. K. (2022). The effect of fan cooling on physiological responses during recovery following prolonged walking in the heat among male military reserve cadets. *Science and Sports*, 37(3), 191–199. <https://doi.org/10.1016/j.scispo.2021.05.001>
- Bongers, C. C. W. G., Hopman, M. T. E., & Eijssvogels, T. M. H. (2017). Cooling interventions for athletes: An overview of effectiveness, physiological mechanisms, and practical considerations. In *Temperature* (Vol. 4, Issue 1, pp. 60–78). Routledge. <https://doi.org/10.1080/23328940.2016.1277003>
- Borg, G. A. (1982). Psychophysical bases of perceived exertion. *Medicine & Science in Sports & Exercise*, 14(5), 377–381.
- Bruce, R. A., Kusumi, F., & Hosmer, D. (1973). Maximal oxygen intake and nomographic assessment of functional aerobic impairment in cardiovascular disease. *American Heart Journal*, 85(4), 546–562. [https://doi.org/10.1016/0002-8703\(73\)90502-4](https://doi.org/10.1016/0002-8703(73)90502-4)
- Caruso, J. F., Barbosa, A., Erickson, L., Edwards, R., Perry, R., Learmonth, L., & Potter, W. T. (2015). Intermittent Palm Cooling's Impact on Resistive Exercise Performance. *International Journal of Sports Medicine*, 36(10), 814–821. <https://doi.org/10.1055/s-0035-1547264>
- Chan, A. P. C., & Yi, W. (2016). Heat stress and its impacts on occupational health and performance. In *Indoor and Built Environment* (Vol. 25, Issue 1, pp. 3–5). SAGE Publications Ltd. <https://doi.org/10.1177/1420326X15622724>
- Chen, Y., Zhang, C., Lu, L., Zheng, X., & Chang, S. (2022). Dynamic of upper body sweat distribution in young males wearing fully encapsulated chemical protective ensembles. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-04974-w>

- Cho, J., Lee, J., Kim, W., & Shin, H. (2020). Comparison of subjective and objective thermal comfort of residuals according to office setting temperature changes. *International Journal of Sustainable Building Technology and Urban Development*, 11(4), 258–268. <https://doi.org/10.22712/susb.20200020>
- Cotter, J. D., & Taylor, N. A. S. (2005). The distribution of cutaneous sudomotor and alliesthesial thermosensitivity in mildly heat-stressed humans: An open-loop approach. *Journal of Physiology*, 565(1), 335–345. <https://doi.org/10.1113/jphysiol.2004.081562>
- Cuddy, J. S., Hailes, W. S., & Ruby, B. C. (2014). A reduced core to skin temperature gradient, not a critical core temperature, affects aerobic capacity in the heat. *Journal of Thermal Biology*, 43(1), 7–12. <https://doi.org/10.1016/j.jtherbio.2014.04.002>
- Douzi, W., Dupuy, O., Theurot, D., Smolander, J., & Dugué, B. (2020). Per-cooling (Using cooling systems during physical exercise) enhances physical and cognitive performances in hot environments. a narrative review. In *International Journal of Environmental Research and Public Health* (Vol. 17, Issue 3). MDPI. <https://doi.org/10.3390/ijerph17031031>
- Ebi, K. L., Capon, A., Berry, P., Broderick, C., de Dear, R., Havenith, G., Honda, Y., Kovats, R. S., Ma, W., Malik, A., Morris, N. B., Nybo, L., Seneviratne, S. I., Vanos, J., & Jay, O. (2021). Hot weather and heat extremes: health risks. In *The Lancet* (Vol. 398, Issue 10301, pp. 698–708). Elsevier B.V. [https://doi.org/10.1016/S0140-6736\(21\)01208-3](https://doi.org/10.1016/S0140-6736(21)01208-3)
- Gao, C., Kuklane, K., Östergren, P. O., & Kjellstrom, T. (2018). Occupational heat stress assessment and protective strategies in the context of climate change. *International Journal of Biometeorology*, 62(3), 359–371. <https://doi.org/10.1007/s00484-017-1352-y>
- García-Trabanino, R., Jarquín, E., Wesseling, C., Johnson, R. J., González-Quiroz, M., Weiss, I., Glaser, J., José Vindell, J., Stockfelt, L., Roncal, C., Harra, T., & Barregard, L. (2015). Heat stress, dehydration, and kidney function in sugarcane cutters in El Salvador - A cross-shift study of workers at risk of Mesoamerican nephropathy. *Environmental Research*, 142, 746–755. <https://doi.org/10.1016/j.envres.2015.07.007>
- Hymczak, H., Gołab, A., Mendrala, K., Plicner, D., Darocha, T., Podsiadło, P., Hudziak, D., Gocoł, R., & Kosiński, S. (2021). Core temperature measurement—principles of correct measurement, problems, and complications. *International Journal of Environmental Research and Public Health*, 18(20). <https://doi.org/10.3390/ijerph182010606>
- Kato, M., Sugeno, J., Matsumoto, T., Nishiyama, T., Nishimura, N., Inukai, Y., Okagawa, T., & Yonezawa, H. (2001). The effects of facial fanning on thermal comfort sensation during hyperthermia. *Pflugers Archiv*

- European Journal of Physiology*, 443(2), 175–179.
<https://doi.org/10.1007/s004240100681>
- Kenefick, R. W., Cheuvront, S. N., & Sawka, M. N. (2007). Thermoregulatory Function During the Marathon. In *Sports Med* (Vol. 37, Issue 5).
- Kenny, G. P., & Jay, O. (2013). Thermometry, calorimetry, and mean body temperature during heat stress. *Comprehensive Physiology*, 3(4), 1689–1719. <https://doi.org/10.1002/cphy.c130011>
- Langan, S. P., Manning, C. N., Morrissey, M. C., Gulati, T., Laxminarayan, S., Reifman, J., & Casa, D. J. (2023). Efficacy of two intermittent cooling strategies during prolonged work-rest intervals in the heat with personal protective gear compared with a control condition. *European Journal of Applied Physiology*, 123(5), 1125–1134. <https://doi.org/10.1007/s00421-023-05139-x>
- Lee, J., Lee, Y. H., Choi, W. J., Ham, S., Kang, S. K., Yoon, J. H., Yoon, M. J., Kang, M. Y., & Lee, W. (2022). Heat exposure and workers' health: A systematic review. In *Reviews on Environmental Health* (Vol. 37, Issue 1, pp. 45–59). De Gruyter Open Ltd. <https://doi.org/10.1515/reveh-2020-0158>
- Lucas, R. A. I., Epstein, Y., & Kjellstrom, T. (2014). *Excessive occupational heat exposure: a significant ergonomic challenge and health risk for current and future workers*. <http://www.extremephysiolmed.com/content/3/1/14>
- Miyazawa, T., Horiuchi, M., Ichikawa, D., Subudhi, A. W., Sugawara, J., & Ogoh, S. (2012). Face cooling with mist water increases cerebral blood flow during exercise: Effect of changes in facial skin blood flow. *Frontiers in Physiology*, 3 AUG. <https://doi.org/10.3389/fphys.2012.00308>
- Miyazawa, T., Mizutani, M., Sheahan, J. P., & Ichikawa, D. (2021). Intermittent face cooling reduces perceived exertion during exercise in a hot environment. *Journal of Physiological Anthropology*, 40(1). <https://doi.org/10.1186/s40101-021-00262-0>
- Moran, D. S., Shitzer, A., & Pandolf, K. B. (1998). A physiological strain index to evaluate heat stress. In *Regulatory Integrative Comp. Physiol* (Vol. 275).
- Mulholland, A. M., Yoder, H. A., & Wingo, J. E. (2023). Effect of Work-to-Rest Cycles on Cardiovascular Strain and Maximal Oxygen Uptake during Heat Stress. *International Journal of Environmental Research and Public Health*, 20(5). <https://doi.org/10.3390/ijerph20054580>
- Mündel, T., Bunn, S. J., Hooper, P. L., & Jones, D. A. (2007). The effects of face cooling during hyperthermic exercise in man: Evidence for an

integrated thermal, neuroendocrine and behavioural response. *Experimental Physiology*, 92(1), 187–195. <https://doi.org/10.1113/expphysiol.2006.034934>

Mündel, T., Hooper, P. L., Bunn, S. J., & Jones, D. A. (2006). The effects of face cooling on the prolactin response and subjective comfort during moderate passive heating in humans. *Experimental Physiology*, 91(6), 1007–1014. <https://doi.org/10.1113/expphysiol.2006.034629>

NIOSH. (2016). *NIOSH criteria for a recommended standard: occupational exposure to heat and hot environments* (Vol. 106). By Jacklitsch B, Williams WJ, Musolin K, Coca A, Kim J-H, Turner N. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication.

Osakabe, J., Kajiki, M., Kondo, K., Matsumoto, T., & Umemura, Y. (2021). Effects of Half-Time Cooling Using a Fan with Skin Wetting on Thermal Response During Intermittent Cycling Exercise in the Heat. *Sports Medicine International Open*, 05(03), E91–E98. <https://doi.org/10.1055/a-1588-3126>

Otani, H., Fukuda, M., & Tagawa, T. (2021). Cooling Between Exercise Bouts and Post-exercise With the Fan Cooling Jacket on Thermal Strain in Hot-Humid Environments. *Frontiers in Physiology*, 12. <https://doi.org/10.3389/fphys.2021.640400>

Parsons, K. (2014). *Human Thermal Environments: The Effects of Hot, Moderate, and Cold Environments on Human Health, Comfort, and Performance, Third Edition* (Third Edition). CRC Press.

Parsons, K. (2019). *Human Heat Stress*. CRC Press.

Ross, M., Abbiss, C., Laursen, P., Martin, D., & Burke, L. (2013). Precooling methods and their effects on athletic performance: A systematic review and practical applications. In *Sports Medicine* (Vol. 43, Issue 3, pp. 207–225). <https://doi.org/10.1007/s40279-012-0014-9>

Schlader, Z. J., O’Leary, M. C., Sackett, J. R., & Johnson, B. D. (2018). Face cooling reveals a relative inability to increase cardiac parasympathetic activation during passive heat stress. *Experimental Physiology*, 103(5), 701–713. <https://doi.org/10.1113/EP086865>

Schlader, Z. J., Simmons, S. E., Stannard, S. R., & Mündel, T. (2011). The independent roles of temperature and thermal perception in the control of human thermoregulatory behavior. *Physiology and Behavior*, 103(2), 217–224. <https://doi.org/10.1016/j.physbeh.2011.02.002>

Schweiker, M., Fuchs, X., Becker, S., Shukuya, M., Dovjak, M., Hawighorst, M., & Kolarik, J. (2017). Challenging the assumptions for thermal

sensation scales. *Building Research and Information*, 45(5), 572–589.
<https://doi.org/10.1080/09613218.2016.1183185>

Simmons, S. E., Mündel, T., & Jones, D. A. (2008). The effects of passive heating and head-cooling on perception of exercise in the heat. *European Journal of Applied Physiology*, 104(2), 281–288.
<https://doi.org/10.1007/s00421-007-0652-z>

Spector, J. T., Masuda, Y. J., Wolff, N. H., Calkins, M., & Seixas, N. (2019). Heat Exposure and Occupational Injuries: Review of the Literature and Implications. In *Current environmental health reports* (Vol. 6, Issue 4, pp. 286–296). Springer. <https://doi.org/10.1007/s40572-019-00250-8>

Stevens, C. J., Kittel, A., Sculley, D. V., Callister, R., Taylor, L., & Dascombe, B. J. (2017). Running performance in the heat is improved by similar magnitude with pre-exercise cold-water immersion and mid-exercise facial water spray. *Journal of Sports Sciences*, 35(8), 798–805.
<https://doi.org/10.1080/02640414.2016.1192294>

Tokizawa, K., Sawada, S., Oka, T., Yasuda, A., Tai, T., Ida, H., & Nakayama, K. (2014). Fan-precooling effect on heat strain while wearing protective clothing. *International Journal of Biometeorology*, 58(9), 1919–1925.
<https://doi.org/10.1007/s00484-014-0794-8>