



THE SECOND ANNUAL

SPORT ECOLOGY READING LIST

SUMMER 2020

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the
**SPORT
ECOLOGY**
group

THE SPORT ECOLOGY GROUP

The Sport Ecology Group was founded in 2019 as an international, non-profit consortium of sport scholars who aim to make academic research and knowledge on sport ecology topics accessible to a broad audience.

The SEG acknowledges the climate crisis and recognizes the unique potential for academics to participate in the public discourse on this topic in meaningful ways. Specifically, the SEG membership sees opportunities for academics to share research with the public via lectures, webinars, social media, podcasts, and other creative means. Further, the SEG believes that sport's unique global platform can and should be leveraged as an environmental education vehicle for the everyday fan

OUR MISSION

To produce **high-quality research** in sport ecology, catalyze **industry-academy knowledge exchange**, raise **public awareness** of sport ecology-related topics, and **create opportunities for students** to learn and grow as professionals.

To this end, the SEG's operations fall into four programmatic pillars: research, teaching, industry-liaison, and public education.

OUR READING LISTS

The SEG annual reading lists are a collection of academic articles that are shared with the public each summer. Each article on this list has been chosen by the SEG membership for its scope, rigour, approach, or unique insights. Upon request, PDFs of articles in this list can be shared with partners and supporters of the SEG.

For more information on this list or its contents, please email research@sportecology.com



PART 1: SPECIAL TOPIC FOR 2020
COVID-19 & ENVIRONMENTAL
SUSTAINABILITY

- Cooper, J.A. & Alderman, D.H. (2020). Cancelling March Madness exposes opportunities for a more sustainable sports tourism economy, *Tourism Geographies*. Ahead of press. <https://doi.org/10.1080/14616688.2020.1759135>
- Mastromartino, B., Ross, W.J., Wear, H. & Naraine, M.L. (2020). Thinking outside the 'box': a discussion of sports fans, teams, and the environment in the context of COVID-19. *Sport in Society*. Ahead of press. <https://doi.org/10.1080/17430437.2020.1804108>
- Miles, L. & Shipway, R. (2020). Exploring the COVID-19 pandemic as a catalyst for stimulating future research agendas for managing crises and disasters at international sport events. *Event Management*, 24, 537-552.



PART 2

FOUNDATIONS OF SPORT ECOLOGY

- McCullough, B. P., Orr, M. & Kellison, T. (2020). Sport ecology: Conceptualizing an emerging subdiscipline within sport management. *Journal of Sport Management*, 34(6). <https://doi.org/10.1123/jsm.2019-0294>.
- McCullough, B. P., & Kellison, T. (2020). Making Our Footprint: Constraints in the Legitimization of Sport Ecology in Practice and the Academy. In B. Wilson & B. Millington (Eds.), *Sport and the Environment* (Vol. 13, pp. 199–216). Emerald Publishing Limited. <https://doi.org/10.1108/S1476-285420200000013012>



PART 3

TEACHING SPORT ECOLOGY

- Dingle, G., & Mallen, C. (2018). "Sport-environmental sustainability (sport-ES) education." In B. P. McCullough & T. Kellison (Eds) *Routledge Handbook of Sport and the Environment*, Routledge, (pgs. 79-96).
- Graham, J., Trendafilova, S., & Ziakas, V. (2018). Environmental sustainability and sport management education: Bridging the gaps. *Managing Sport and Leisure*, 23, 422-433.
- Greenhalgh, G., LeCrom, C. W., & Dwyer, B. (2015). Going Green? The Behavioral Impact of a Sport and the Environment Course. *Journal of Contemporary Athletics*, 9(1), 49-59.
- Mallen, C., & Chard, C. (2011). A framework for debating the future of environmental sustainability in the sport academy. *Sport Management Review*, 14(4), 424-433.
- Mercado, H. U., & Grady, J. (2017). Teaching Environmental Sustainability Across the Sport Management Curriculum. *Sport Management Education Journal*, 11(2), 120-127.
- Orr, M., McCullough, B. P., & Pelcher, J. (2020). Leveraging sport as a venue and vehicle for transformative sustainability learning. *International Journal of Sustainability in Higher Education*. Ahead of press. <https://doi.org/10.1108/IJSHE-02-2020-0074>
- Pfahl, M. E. (2015). Teaching sport management and the natural environment. In J. M. Casper and M. E. Pfahl. *Sport Management and the Natural Environment: Theory and Practice* (pp. 29-38). Routledge.



PART 3
**MANAGING SUSTAINABILITY
IN SPORT**

- Babiak, K., & Trendafilova, S. (2011). CSR and environmental sustainability: Motives and pressures to adopt green management practices. *Corporate Social Responsibility and Environmental Management*, 18(1), 11-224.
- McCullough, B. P., Pfahl, M., & Nguyen, S. (2016). The green waves of environmental sustainability in sport. *Sport in Society*, 19(7), 1040-1065.
- McCullough, B., & Trendafilova, S., & Picariello, M. (2016). Legitimizing sustainability through strategic alliances. *Sport & Entertainment Review*, 2(3), 77-83.
- Sartore-Baldwin, M. L., & McCullough, B. (2018). Equity-based sustainability and ecocentric management: Creating more ecologically just sport organization practices. *Sport Management Review*, 21(4), 391-402.
- Trendafilova, S., & Babiak, K. (2013). Understanding strategic corporate environmental responsibility in professional sport. *International Journal of Sport Management and Marketing*, 13(1-2), 1-26.
- Trendafilova, S., Babiak, K., & Heinze, K. (2013). Corporate social responsibility and environmental sustainability: Why professional sport is greening the playing field. *Sport Management Review*, 16(3), 298-313.
- Trendafilova, S., McCullough, B., Pfahl, M., Nguyen, S. N., Casper, J., & Picariello, M. (2014). Environmental sustainability in sport: Current state and future trends. *Global Journal on Advances Pure and Applied Sciences*, 3, 9-14.
- Wall-Tweedie, J., & Nguyen, S. N. (2016). Is the grass greener on the other side? A review of the Asia-Pacific sport industry's environmental sustainability practices. *Journal of Business Ethics*, 152, 741-761.



PART 4 FAN ENGAGEMENT

- Casper, J., McCullough, B. P., & Pfahl, M. E. (2020). Examining environmental fan engagement initiatives through values and norms with intercollegiate sport fans. *Sport Management Review*, 23(2), 348-360.
- Casper, J., Pfahl, M., & McCullough, B. P. (2017). Is going green worth it? Assessing fan engagement and perceptions of athletic department environmental efforts. *Journal of Applied Sport Management*, 9(1), 106-134.
- Inoue, Y., & Kent, A. (2012). Investigating the role of corporate credibility in corporate social marketing: A case study of environmental initiatives by professional sport organizations. *Sport Management Review*, 15(3), 330-344.
- Inoue, Y., & Kent, A. (2012). Sport teams as promoters of pro-environmental behavior: An empirical study. *Journal of Sport Management*, 26(5), 417-432.
- Kellison, T. & Cianfrone, B. (2020). Superordinate social identity in a professional sport organization's environmental program. *International Journal of Sport Management*, 21, 54-81.
- Kellison, T. B., & Kim, Y. K. (2014). Marketing pro-environmental venues in professional sport: Planting seeds of change among existing and prospective consumers. *Journal of Sport Management*, 28(1), 34-48.

PART 5

FACILITY AND EVENT SUSTAINABILITY



- Kellison, T. B., & Hong, S. (2015). The adoption and diffusion of pro-environmental stadium design. *European Sport Management Quarterly*, 15(2), 249-269.
- Kellison, T. B., Trendafilova, S., & McCullough, B. P. (2015). Considering the social impact of sustainable stadium design. *International Journal of Event Management Research*, 10(1), 63-83.
- Mallen, C., Adams, L., Stevens, J., & Thompson, L. (2010). Environmental sustainability in sport facility management: A Delphi study. *European Sport Management Quarterly*, 10(3), 367-389.
- Mallen, C., & Chard, C. (2012). "What could be" in Canadian sport facility environmental sustainability. *Sport Management Review*, 15(2), 230-243.
- Trendafilova, S., Kellison, T. B., & Spearman, L. (2014). Environmental sustainability in sport facilities in East Tennessee. *Journal of Facility Planning, Design and Management*, 2(1), 1-11.
- Uecker-Mercado, H., & Walker, M. (2012). The value of environmental social responsibility to facility managers: Revealing the perceptions and motives for adopting ESR. *Journal of Business Ethics*, 110(3), 269-284.
- Ross, W. J., & Leopkey, B. (2017). The adoption and evolution of environmental practices in the Olympic Games. *Managing Sport and Leisure*, 22(1), 1-18.
- Trendafilova, S., Graham, J., & Bemiller, J. (2017). Sustainability and the Olympics: The case of the 2016 Rio Summer Games. *Journal of Sustainability Education*, 16.



PART 6

COLLEGE ATHLETICS SUSTAINABILITY

- Casper, J. M., & Pfahl, M. E. (2015). Environmental sustainability practices in U.S. NCAA Division III athletics departments. *International Journal of Event Management Research*, 10(1), 12-36.
- Casper, J., Pfahl, M., & McCullough, B. P. (2014). Intercollegiate sport and the environment: Examining fan engagement based on athletics department sustainability efforts. *Journal of Issues in Intercollegiate Athletics*, 7, 65-91.
- McCullough, B. P., Kellison, T. B., & Wendling, E. (2018). Formation and function of a collegiate athletics sustainability committee. *Journal of Amateur Sport*, 4(1), 52-81.
- Pfahl, M., Casper, J., Trendafilova, S., McCullough, B. P., & Nguyen, S. N. (2015). Crossing boundaries: An examination of sustainability department and athletics department collaboration regarding environmental issues. *Communication & Sport*, 3(1), 27-56.

PART 7

ATTITUDES AND BEHAVIOURS



- Cunningham, G. B., McCullough, B. P., & Hohensee, S. (2020). Physical activity and climate change attitudes. *Climatic Change*, 159(1), 1-14.
- Inoue, Y., & Kent, A. (2014). A conceptual framework for understanding the effects of corporate social marketing on consumer behavior. *Journal of Business Ethics*, 121(4), 621-633.
- McCullough, B. P., & Kellison, T. B. (2016). Go green for the home team: Sense of place and environmental sustainability in sport. *Journal of Sustainability Education*, 11(February), 1-14.
- Trail, G. T., & McCullough, B. P. (2018). Differential effects of internal and external constraints on sustainability intentions: A hierarchical regression analysis by market segment of running event participants. *Journal of Management for Global Sustainability*, 6(2), 1-36.
- Trail, G. T., & McCullough, B. P. (2019). Marketing sustainability through sport: Testing the sport participant sustainability behavior model. *European Sport Management Quarterly*, 2, 109-129.
- Trendafilova, S. (2011). Sport subcultures and their potential for addressing environmental problems: The illustrative case of disc golf. *Cyber Journal of Applied Leisure and Recreation Research*, 13(1), 1-14.
- Wicker, P. (2018). The carbon footprint of active sport participants. *Sport Management Review*, 22(4), 513-526.

PART 8

CLIMATE VULNERABILITY & ADAPTATION

- Dingle, G. & Stewart, B. (2018). Playing the climate game: climate change impacts, resilience and adaptation in the climate-dependent sport sector, *Managing Sport and Leisure*, 23(4-6), 293-314.
- Filo, K., Cuskelly, G., & Wicker, P. (2015). Resource utilisation and power relations of community sport clubs in the aftermath of natural disasters. *Sport Management Review*, 18(4), 555-569.
- Kay, J. & Vamplew, W. (2006). Under the Weather: Combating the Climate in British Sport. *Sport in Society*, 9(1), 94-107.
- Orr, M. (2020). On the potential impacts of climate change on baseball and cross-country skiing. *Managing Sport & Leisure*, 25(4), 307-320.
- Orr, M., & Inoue, Y. (2019). Sport versus climate: Introducing the climate vulnerability of sport organizations framework. *Sport Management Review*.
- Scott, D., Steiger, M., Rutty, M. & Johnson, R. (2015). The future of the Olympic Winter Games in an era of climate change. *Current Issues in Tourism*, 18(10), 910-930.
- Wicker, P., Filo, K., & Cuskelly, G. (2013). Organizational resilience of community sport clubs impacted by natural disasters. *Journal of Sport Management*, 27(6), 510-525.



PART 9

ENVIRONMENTAL IMPACTS OF SPORT

- Bunds, K.S., Casper, J.M., Frey, H.C. & Bennett, M. (2019). Air pollution at college football games: Developing a methodology for measuring air pollutant exposure in a sport event microenvironment. *Event Management*, 23(3), 399-412.
- Bunds, K. S., Kanters, M. A., Venditti, R. A., Rajagopalan, N., Casper, J. M., & Carlton, T. A. (2018). Organized youth sports and commuting behavior: The environmental impact of decentralized community sports facilities. *Transportation Research Part D*, 65, 387-395.
- Dolf, M., & Teehan, P. (2015). Reducing the carbon footprint of spectator and team travel at the University of British Columbia's varsity sports events. *Sport Management Review*, 18(2), 244-255.
- Mallen, C., Stevens, J., Adams, L., & McRoberts, S. (2010). The assessment of the environmental performance of an international multi-sport event. *European Sport Management Quarterly*, 10(1), 97-122.
- McCullough, B. P., Orr, M., Watanabe, N. M. (2020). Measuring externalities: The imperative next step to sustainability assessment in sport. *Journal of Sport Management*, 34(5), 1-10.
- Scrucca, F., Severi, C., Galvan, N. & Brunori, A. (2016). A new method to assess the sustainability performance of events: Application to the 2014 World Orienteering Championship. *Environmental Impact Assessment Review*, 56, 1-11.
- Trendafilova, S., & Waller, S. (2011). Assessing the ecological impact due to disc golf. *International Journal of Sport Management, Recreation and Tourism*, 8, 35-64.
- Triantafyllidis, S., Ries, R. J., & Kaplanidou, K. (2018). Carbon dioxide emissions of spectators' transportation in collegiate sporting events: Comparing on-campus and off-campus stadium locations. *Sustainability*, 10(1), 1-18.