

Spring 2024

Literature LK0395

Urban Agriculture and Social Interaction

Theme: Landscape Architecture, Planning and Management

Compulsory

Viljoen, André & Bohn, Katrin (ed). (2014). *Second Nature Urban Agriculture. Designing Productive Cities.* New York, Routledge.

Zeunert, J., & Waterman, T. (Eds.). (2018). Routledge Handbook of Landscape and Food (1st ed.). Routledge. Chapters 12 and 14. <https://doi.org/10.4324/9781315647692>

Supplementary

Crane, A., Viswanathan, L., & Whitelaw, G. (2013). Sustainability through intervention: A case study of guerrilla gardening in Kingston, Ontario. *Local Environment*, 18(1), 71-90. Retrieved from www.scopus.com

Eizenberg, E. (2012). The changing meaning of community space: Two models of ngo management of community gardens in new york city. *International Journal of Urban and Regional Research*, 36(1), 106-120. Retrieved from www.scopus.com

Lawson, Laura J. (2005). *City Bountiful – a century of community gardening in America.* Berkeley and Los Angeles, University of California Press. (Accesible online and printed at Alnarp Library)

Saldivar-Tanaka, L., & Krasny, M. E. (2004). Culturing community development, neighborhood open space, and civic agriculture: The case of Latino community gardens in New York city. *Agriculture and Human Values*, 21(4), 399-412. Retrieved from www.scopus.com

Spirn, Ann W. (2005). Restoring Mill Creek: Landscape Literacy, Environmental Justice and City planning and Design. *Landscape Research* 30(3): 395-413.

van der Jagt, A. P. N., Szaraz, L. R., Delshammar, T., Cvejic, R., Santos, A., Goodness, J. & Buijs, A. (2017). Cultivating nature-based solutions: The governance of communal urban gardens in European Union. *Environmental Research*, 159, 264-275.

Theme: Plant Protection Biology

Suggested reading (case study)

Aguilera et al. 2019. Intensive management reduces butterfly diversity over time in urban green spaces. *Urban Ecosystems* 22: 335-344.

Baldock et al. 2019. A systems approach reveals urban pollinator hotspots and conservation opportunities. *Nature Ecology & Evolution* 3: 363-373.

Eilenberg et al. 2001. Suggestions for unifying the terminology in biological control. *BioControl* 46: 387-400.

Fiedler et al. 2008. Maximizing ecosystem services from conservation biological control: The role of habitat management. *Biological Control* 45: 254-271.

Gardarin et al. 2018. Understanding plant–arthropod interactions in multitrophic communities to improve conservation biological control: useful traits and metrics. *Journal of Pest Science* 91: 943-955.

Garbuzov & Ratnieks 2014. Quantifying variation among garden plants in attractiveness to bees and other flower-visiting insects. *Functional Ecology* 28: 364-374.

Goddard et al 2009. Scaling up from gardens: biodiversity conservation in urban environments. *Trends in Ecology and Evolution* 25: 90-98.

Lin et al. 2015. The future of urban agriculture and biodiversity-ecosystem services: challenges and next steps. *Basic and Applied Ecology* 16: 189–201.

Lundin et al. 2019. Identifying native plants for coordinated habitat management of arthropod pollinators, herbivores, and natural enemies. *Journal of Applied Ecology* 56: 665-676.

McDougall et al. 2019. Small-scale urban agriculture results in high yields but requires judicious management of inputs to achieve sustainability. *Proceedings of the National Academy of Sciences* 116: 129-134.

Pickett et al. 2001. Urban ecological systems: linking terrestrial, ecological, physical, and socioeconomic components of metropolitan areas. *Annual Review of Ecology and Systematics* 32: 127-157.

Rundlöf et al. 2015. Seed coating with a neonicotinoid insecticide negatively affects wild bees. *Nature* 521: 77-80.

Sánchez-Bayo & Wyckhuys 2019. Worldwide decline of the entomofauna: A review of its drivers. *Biological Conservation* 232: 8-27.

Wenzela et al. 2019. How urbanization is driving pollinator diversity and pollination – A systematic review. *Biological Conservation*. In press, available on line.

Theme: People and Society

Compulsory

Hartig, T., van den Berg, E., Hagerhall, C.M., Tomalak, M., Bauer, N., Hansmann, R., Ojala, A., Syngollitou, E., Carrus, G., van herzele, A., Bell, S., Podesta, M.T.C. and Waaseth, G. (2011). Health Benefits of nature experience: Psychological, Social and Cultural Processes. In: Nilsson K., et al. (eds). *Forest, Trees and Human Health*. Springer Sciences+Business Media B.V.

McFarland, A., Waliczek, T.M., Coleman Etheredge, C. & Lillard, A.J.S (2018) Understanding Motivations for Gardening Using a Qualitative General Inductive Approach. *HortTechnology*, <https://doi.org/10.21273/HORTTECH03972-18>

Nordh, H., Tuv Wiklund, K., Koppang, K. E. (2016). Norwegian allotment gardens – a study of motives and benefits. *Landscape Research*, published online 16 Feb 2016.

Pálsdóttir, A.M., O´Brien, L., Varning Poulsen, D. & Dolling, A. (2021). Exploring migrant’s sense of belonging through participation in an urban agricultural vocational training program in Sweden. *Journal of Therapeutic Horticulture*, Volume XXXI, Issue 1.

Pálsdóttir, A.M., Shahrada, A., Åström, M. & Ekstam, L. (2018). Nature-based vocational rehabilitation for migrants participating in the national scheme of integration. *Journal of Therapeutic Horticulture*. Volume XXVIII, Issue II. ISSN 2381-5337

Relf, D.P. & Lohr, V. (2003). *Human Issue in Horticulture*. HortScience, Vol. 38(5) August. <http://www.ctahr.hawaii.edu/hih/conf.asp>

Wells, N., Jimenez, F. E. & Mårtensson, F. (2018). Chapter 6.1: Children and nature, pp 167-176. In: van den Bosch, M., Bird, W. (Eds.). *The role of nature in improving the health of a population*. Oxford Textbooks in Public Health.

Theme: Biosystems and Technology

Compulsory

Alsanius, B. W., Kosiba Held, A., Dorais, M., Onyango, C. M. & Mogren, L. (2017). Produce quality and safety. *In: Orsini, F. Dubbeling, M. & Gianquinto, G. (eds.) Rooftop Urban Agriculture.* New York: Springer, pp. 195-216

Santo, R., Palmer, A., Brent, K. (2016). *Vacant Lots to Vibrant Plots: A Review of the Benefits and Limitations of Urban Agriculture.* CLF Publications.

Reference literature

van Bueren, E., van Bohemevi, H., Itard, L., Visscher, V. (2012). *Sustainable Urban Environments. An Ecosystem Approach.* Heidelberg, Springer.