

LITERATURE

- Abdalla, S.B., Predotova, M., Gebauer, J., Buerkert, A., 2012. Horizontal nutrient flows and balances in irrigated urban gardens of Khartoum, Sudan. Nutrient Cycling in Agroecosystems 92, 119-132.
- Abdu, N., Abdulkadir, A., Agbenin, J.O., Buerkert, A., 2011. Vertical distribution of heavy metals in wastewater-irrigated vegetable garden soils of three West African cities. Nutrient Cycling in Agroecosystems 89, 387-397.
- Aciksoz, S., 2009. The cluster of urban agriculture: Case of Bartin, Turkey. Tarim Bilimleri Dergisi-Journal of Agricultural Sciences 15, 348-357.
- Ackerman, K., Conard, M., Culligan, P., Plunz, R., Sutto, M., Whittinghill, L., 2014. Sustainable food systems for future cities: The potential of urban agriculture. Economic and Social Review 45, 189-206.
- Adamtey, N., Cofie, O., Ofosu-Budu, G.K., Danso, S.K.A., Forster, D., 2009. Production and storage of N-enriched co-compost. Waste Management 29, 2429-2436.
- Adeoti, A.I., Cofie, O., Oladele, O.I., 2012. Gender analysis of the contribution of urban agriculture to sustainable livelihoods in Accra, Ghana. Journal of Sustainable Agriculture 36, 236-248.
- Adeyemo, R., Kuhlmann, F., 2009. Resource use efficiency in urban agriculture in southwestern Nigeria. Tropicatura 27, 49-53.
- Afrane, Y.A., Klinkenberg, E., Drechsel, P., Owusu-Daaku, K., Garms, R., Kruppa, T., 2004. Does irrigated urban agriculture influence the transmission of malaria in the city of Kumasi, Ghana? Acta Tropica 89, 125-134.
- Agrawal, M., Singh, B., Rajput, M., Marshall, F., Bell, J.N.B., 2003. Effect of air pollution on peri-urban agriculture: A case study. Environmental Pollution 126, 323-329.
- Alfsen-Norodom, C., Boehme, S.E., Clemants, S., Corry, M., Imbruce, V., Lane, B.D., Miller, R.B., Padoch, C., Panero, M., Peters, C.M., Rosenzweig, C., Solecki, W., Walsh, D., 2004. Managing the megacity for global sustainability - the New York metropolitan region as an urban biosphere reserve. Urban Biosphere and Society: Partnership of Cities 1023, 125-141.
- Algert, S.J., Baameur, A., Renvall, M.J., 2014. Vegetable output and cost savings of community gardens in San Jose, California. Journal of the Academy of Nutrition and Dietetics 114, 1072-1076.
- Allen, P., FitzSimmons, M., Goodman, M., Warner, K., 2003. Shifting plates in the agrifood landscape: The tectonics of alternative agrifood initiatives in California. Journal of Rural Studies 19, 61-75.

Amoah, P., Drechsel, P., Abaidoo, R.C., 2005. Irrigated urban vegetable production in Ghana: Sources of pathogen contamination and health risk elimination. *Irrigation and Drainage* 54, S49-S61.

Amoah, P., Drechsel, P., Abaidoo, R.C., Henseler, M., 2007. Irrigated urban vegetable production in Ghana: Microbiological contamination in farms and markets and associated consumer risk groups. *Journal of Water and Health* 5, 455-466.

Anikwe, M.A.N., Nwobodo, K.C.A., 2002. Long term effect of municipal waste disposal on soil properties and productivity of sites used for urban agriculture in Abakaliki, Nigeria. *Bioresource technology* 83, 241-250.

Antonio-Nkondjio, C., Fossog, B.T., Ndo, C., Djantio, B.M., Togouet, S.Z., Awono-Ambene, P., Costantini, C., Wondji, C.S., Ranson, H., 2011. *Anopheles gambiae* distribution and insecticide resistance in the cities of Douala and Yaoundé (Cameroon): Influence of urban agriculture and pollution. *Malaria Journal* 10, 154.

Arene, C.J., Mbata, G.I.O., 2008. An analysis of the profitability and choice of metropolitan waste-use in urban agriculture of the federal capital territory, Abuja, Nigeria. *Agricultural Economics-Zemedelska Ekonomika* 54, 269-275.

Ashebir, D., Pasquini, M., Bihon, W., 2007. Urban agriculture in Mekelle, Tigray state, Ethiopia: Principal characteristics, opportunities and constraints for further research and development. *Cities* 24, 218-228.

Asomani-Boateng, R., 2002. Urban cultivation in Accra: An examination of the nature, practices, problems, potentials and urban planning implications. *Habitat International* 26, 591-607.

Aubry, C., Kebir, L., 2013. Shortening food supply chains: A means for maintaining agriculture close to urban areas? The case of the French metropolitan area of Paris. *Food Policy* 41, 85-93.

Aubry, C., Ramamonjisoa, J., Dabat, M.-., Rakotoarisoa, J., Rakotondraibe, J., Rabeharisoa, L., 2012. Urban agriculture and land use in cities: An approach with the multi-functionality and sustainability concepts in the case of Antananarivo (Madagascar). *Land Use Policy* 29, 429-439.

Ayenew, Y.A., Wurzinger, M., Tegegne, A., Zollitsch, W., 2011. Socioeconomic characteristics of urban and peri-urban dairy production systems in the north western Ethiopian highlands. *Tropical animal health and production* 43, 1145-1152.

Ba, A., To, H., Fleury, A., 2009. The concept of urban agriculture renewed for cities of the south. *Open House International* 34, 107-114.

Babo, A., 2010. Sociopolitical crisis and the reconstruction of sustainable peri-urban agriculture in abidjan, cote d'ivoire. *African Studies Review* 53, 101-120.

Bagstad, K.J., Shammin, M.R., 2012. Can the genuine progress indicator better inform sustainable regional progress?-A case study for northeast Ohio. *Ecological Indicators* 18, 330-341.

- Bbun, T.M., Thornton, A., 2013. A level playing field? Improving market availability and access for small scale producers in Johannesburg, South Africa. *Applied Geography* 36, 40-48.
- Bell, J.N.B., Power, S.A., Jarraud, N., Agrawal, M., Davies, C., 2011. The effects of air pollution on urban ecosystems and agriculture. *International Journal of Sustainable Development and World Ecology* 18, 226-235.
- Bernholt, H., Kehlenbeck, K., Gebauer, J., Buerkert, A., 2009. Plant species richness and diversity in urban and peri-urban gardens of Niamey, Niger. *Agroforestry Systems* 77, 159-179.
- Besthorn, F.H., 2013. Vertical farming: Social work and sustainable urban agriculture in an age of global food crises. *Australian Social Work* 66, 187-203.
- Bhatt, V., Farah, L.M., Wolfe, J.M., Luko, N., 2009. MAKING THE EDIBLE CAMPUS: A model for food-secure urban revitalisation. *Open House International* 34, 81-90.
- Bindelle, J., Ilunga, Y., Delacollette, M., Kayij, M.M., di M'Balu, J.U., Kindele, E., Buldgen, A., 2007. Voluntary intake, chemical composition and in vitro digestibility of fresh forages fed to guinea pigs in peri-urban rearing systems of Kinshasa (Democratic Republic of Congo). *Tropical animal health and production* 39, 419-426.
- Binns, J.A., Maconachie, R.A., Tank, A.I., 2003. Water, land and health in urban and peri-urban food production: The case of Kano, Nigeria. *Land Degradation & Development* 14, 431-444.
- Blecha, J., Davis, A., 2014. Distance, proximity, and freedom: Identifying conflicting priorities regarding urban backyard livestock slaughter. *Geoforum* 57, 67-77.
- Blecha, J., Leitner, H., 2014. Reimagining the food system, the economy, and urban life: New urban chicken-keepers in US cities. *Urban Geography* 35, 86-108.
- Bojaca, C.R., Schrevens, E., 2010. Energy assessment of peri-urban horticulture and its uncertainty: Case study for Bogota, Colombia. *Energy* 35, 2109-2118.
- Bojaca, Ricardo C., Wyckhuys, K.A.G., Gil, R., Jimenez, J., Schrevens, E., 2010. Sustainability aspects of vegetable production in the peri-urban environment of Bogota, Colombia. *International Journal of Sustainable Development and World Ecology* 17, 487-498.
- Braimoh, A.K., Vlek, P.L.G., 2004. Land-cover dynamics in an urban area of Ghana. *Earth Interactions* 8, 1.
- Brinkley, C., 2012. Evaluating the benefits of peri-urban agriculture. *Journal of Planning Literature* 27, 259-269.
- Brinkmann, K., Schumacher, J., Dittrich, A., Kadaore, I., Buerkert, A., 2012. Analysis of landscape transformation processes in and around four West African cities over the last 50 years. *Landscape and Urban Planning* 105, 94-105.
- Brown, K.H., Jameton, A.L., 2000. Public health implications of urban agriculture. *Journal of public health policy* 21, 20-39.

Bryld, E., 2003. Potentials, problems, and policy implications for urban agriculture in developing countries. *Agriculture and Human Values* 20, 79-86.

Calvet-Mir, L., Gomez-Bagethun, E., Reyes-Garcia, V., 2012. Beyond food production: Ecosystem services provided by home gardens. A case study in Vall Fosca, Catalan Pyrenees, northeastern Spain. *Ecological Economics* 74, 153-160.

Ceron-Palma, I., Sanye-Mengual, E., Oliver-Sola, J., Montero, J., Ponce-Caballero, C., Rieradevall, J., 2013. Towards a green sustainable strategy for social neighbourhoods in Latin America: Case from social housing in Merida, Yucatan, Mexico. *Habitat International* 38, 47-56.

Cicekli, M., Barlas, N.T., 2014. Transformation of today greenhouses into high-technology vertical farming systems for metropolitan regions. *Journal of Environmental Protection and Ecology* 15, 1066-1073.

Cisse, O., Gueye, N.F.D., Sy, M., 2005. Institutional and legal aspects of urban agriculture in french-speaking West Africa: From marginalization to legitimization. *Environment and Urbanization* 17, 143-154.

Clark, K.H., Nicholas, K.A., 2013. Introducing urban food forestry: A multifunctional approach to increase food security and provide ecosystem services. *Landscape Ecology* 28, 1649-1669.

Cofie, O.O., Agbottah, S., Strauss, M., Esseku, H., Montangero, A., Awuah, E., Kone, D., 2006. Solid-liquid separation of faecal sludge using drying beds in Ghana: Implications for nutrient recycling in urban agriculture. *Water research* 40, 75-82.

Cofie, O.O., Kranjac-Berisavljevic, G., Drechsel, P., 2005. The use of human waste for peri-urban agriculture in northern Ghana. *Renewable Agriculture and Food Systems* 20, 73-80.

Cohen, M.J., Garrett, J.L., 2010. The food price crisis and urban food (in) security. *Environment and Urbanization* 22, 467-482.

Cohen, N., Reynolds, K., 2014. Urban agriculture policy making in New York's "new political spaces" strategizing for a participatory and representative system. *Journal of Planning Education and Research* 34, 221-234.

Colasanti, K.J.A., Hamm, M.W., Litjens, C.M., 2012. The city as an "agricultural powerhouse"? Perspectives on expanding urban agriculture from Detroit, Michigan. *Urban Geography* 33, 348-369.

Crush, J., 2013. Linking food security, migration and development. *International Migration* 51, 61-75.

Crush, J., Frayne, B., 2011. Supermarket expansion and the informal food economy in southern African cities: Implications for urban food security. *Journal of Southern African Studies* 37, 781-807.

Crush, J., Hovorka, A., Tevera, D., 2011. Food security in southern African cities: The place of urban agriculture. *Progress in Development Studies* 11, 285-305.

- Cruz, N., Rodrigues, S.M., Coelho, C., Carvalho, L., Duarte, A.C., Pereira, E., Romkens, P.F.A.M., 2014. Urban agriculture in Portugal: Availability of potentially toxic elements for plant uptake. *Applied Geochemistry* 44, 27-37.
- Darilek, J.L., Huang Biao, Li De-Cheng, Wang Zhi-Gang, Zhao Yong-Cun, Sun Wei-Xia, Shi Xue-Zheng, 2010. Effect of land use conversion from rice paddies to vegetable fields on soil phosphorus fractions. *Pedosphere* 20, 137-145.
- De Bon, H., Parrot, L., Moustier, P., 2010. Sustainable urban agriculture in developing countries. A review. *Agronomy for Sustainable Development* 30, 21-32.
- de Zeeuw, H., van Veenhuizen, R., Dubbeling, M., 2011. The role of urban agriculture in building resilient cities in developing countries. *Journal of Agricultural Science* 149, 153-163.
- Diaz Rizo, O., Echeverria Castillo, F., Arado Lopez, J.O., Hernandez Merlo, M., 2011. Assessment of heavy metal pollution in urban soils of Havana City, Cuba. *Bulletin of environmental contamination and toxicology* 87, 414-419.
- Diaz Rizo, O., Fonticiella Morell, D., Arado Lopez, J.O., Borrell Munoz, J.L., D'Alessandro Rodriguez, K., Lopez Pino, N., 2013. Spatial distribution and contamination assessment of heavy metals in urban topsoils from Las Tunas city, Cuba. *Bulletin of environmental contamination and toxicology* 91, 29-35.
- Diaz Rizo, O., Hernandez Merlo, M., Echeverria Castillo, F., Arado Lopez, J.O., 2012. Assessment of metal pollution in soils from a former Havana (Cuba) solid waste open dump. *Bulletin of environmental contamination and toxicology* 88, 182-186.
- Diaz, J.R., de las Cagigas, A., Rodriguez, R., 2003. Micronutrient deficiencies in developing and affluent countries. *European journal of clinical nutrition* 57, S70-S72.
- Diogo, R.V.C., Buerkert, A., Schlecht, E., 2010. Horizontal nutrient fluxes and food safety in urban and peri-urban vegetable and millet cultivation of Niamey, Niger. *Nutrient Cycling in Agroecosystems* 87, 81-102.
- Diogo, R.V.C., Buerkert, A., Schlecht, E., 2010. Resource use efficiency in urban and peri-urban sheep, goat and cattle enterprises. *Animal* 4, 1725-1738.
- Diogo, R.V.C., Buerkert, A., Schlecht, E., 2011. Economic benefit to gardeners and retailers from cultivating and marketing vegetables in Niamey, Niger. *Outlook on Agriculture* 40, 71-78.
- Diogo, R.V.C., Schlecht, E., Buerkert, A., Rufino, M.C., van Wijk, M.T., 2013. Increasing nutrient use efficiency through improved feeding and manure management in urban and peri-urban livestock units of a West African city: A scenario analysis. *Agricultural Systems* 114, 64-72.
- Dixon, J., Omwega, A.M., Friel, S., Burns, C., Donati, K., Carlisle, R., 2007. The health equity dimensions of urban food systems. *Journal of urban health: bulletin of the New York Academy of Medicine* 84, i118-29.

Dixon, J.M., Donati, K.J., Pike, L.L., Hattersley, L., 2009. Functional foods and urban agriculture: Two responses to climate change-related food insecurity. *New South Wales public health bulletin* 20, 14-8.

Do, T.T., Molbak, K., Phung, D.C., Dalsgaard, A., 2007. Helminth infections among people using wastewater and human excreta in peri-urban agriculture and aquaculture in Hanoi, Vietnam. *Tropical medicine & international health: TM & IH* 12 Suppl 2, 82-90.

Dongus, S., Nyika, D., Kannady, K., Mtasiwa, D., Mshinda, H., Gosoniu, L., Drescher, A.W., Fillinger, U., Tanner, M., Killeen, G.F., Castro, M.C., 2009. Urban agriculture and anopheles habitats in Dar es Salaam, Tanzania. *Geospatial Health* 3, 189-210.

Doron, G., 2005. Urban agriculture: Small, medium, large. *Architectural Design* 52-59.

Dossa, L.H., Abdulkadir, A., Amadou, H., Sangare, S., Schlecht, E., 2011. Exploring the diversity of urban and pen-urban agricultural systems in Sudano-Saharan West Africa: An attempt towards a regional typology. *Landscape and Urban Planning* 102, 197-206.

Dossa, L.H., Buerkert, A., Schlecht, E., 2011. Cross-location analysis of the impact of household socioeconomic status on participation in urban and peri-urban agriculture in West Africa. *Human Ecology* 39, 569-581.

Draus, P.J., Roddy, J., McDuffie, A., 2014. 'We don't have no neighbourhood': Advanced marginality and urban agriculture in Detroit. *Urban Studies* 51, 2523-2538.

Drechsel, P., Cofie, O.O., van Veenhuizen, R., Larbi, T.O., 2008. Linking research, capacity building, and policy dialogue in support of informal irrigation in urban West Africa. *Irrigation and Drainage* 57, 268-278.

Drechsel, P., Dongus, S., 2010. Dynamics and sustainability of urban agriculture: Examples from sub-Saharan Africa. *Sustainability Science* 5, 69-78.

Drechsel, P., Keraita, B., Amoah, P., Abaidoo, R.C., Raschid-Sally, L., Bahri, A., 2008. Reducing health risks from wastewater use in urban and peri-urban sub-Saharan Africa: Applying the 2006 WHO guidelines. *Water Science and Technology* 57, 1461-1466.

Dubbeling, M., Bracalenti, L., Lagorio, L., 2009. Participatory design of public spaces for urban agriculture, Rosario, Argentina. *Open House International* 34, 36-49.

Eaton, D., Hilhorst, T., 2003. Opportunities for managing solid waste flows in the peri-urban interface of Bamako and Ouagadougou. *Environment and Urbanization* 15, 53-63.

Edmondson, J.L., Davies, Z.G., Gaston, K.J., Leake, J.R., 2014. Urban cultivation in allotments maintains soil qualities adversely affected by conventional agriculture. *Journal of Applied Ecology* 51, 880-889.

Egwu, G.N., Agbenin, J.O., 2013. Field assessment of cadmium, lead and zinc contamination of soils and leaf vegetables under urban and peri-urban agriculture in northern Nigeria. *Archives of Agronomy and Soil Science* 59, 875-887.

- Elhadary, Y.A.E., Samat, N., Obeng-Odoom, F., 2013. Development at the peri-urban area and its impact on agricultural activities: An example from the Seberang Perai region, Penang state, Malaysia. *Agroecology and Sustainable Food Systems* 37, 834-856.
- Enete, A.A., Achike, A.I., 2008. Urban agriculture and urban food insecurity/poverty in Nigeria - the case of Ohafia, south-east Nigeria. *Outlook on Agriculture* 37, 131-134.
- Erenstein, O., Oswald, A., Mahaman, M., 2006. Determinants of lowland use close to urban markets along an agro-ecological gradient in West Africa. *Agriculture Ecosystems & Environment* 117, 205-217.
- Eriksen-Hamel, N., Danso, G., 2010. Agronomic considerations for urban agriculture in southern cities. *International Journal of Agricultural Sustainability* 8, 86-93.
- Ernwein, M., 2014. Framing urban gardening and agriculture: On space, scale and the public. *Geoforum* 56, 77-86.
- Faruqui, N., Al-Jayyousi, O., 2002. Greywater reuse in urban agriculture for poverty alleviation - A case study in Jordan. *Water International* 27, 387-394.
- Febles-Gonzalez, J.M., Tolon-Becerra, A., Lastra-Bravo, X., Acosta-Valdes, X., 2011. Cuban agricultural policy in the last 25 years. From conventional to organic agriculture. *Land Use Policy* 28, 723-735.
- Fernandez, M., Goodall, K., Olson, M., Mendez, V.E., 2013. Agroecology and alternative agri-food movements in the United States: Toward a sustainable agri-food system. *Agroecology and Sustainable Food Systems* 37, 115-126.
- Flynn, K.C., 2001. Urban agriculture in Mwanza, Tanzania. *Africa* 71, 666-691.
- Foeken, D.W.J., Owuor, S.O., 2008. Farming as a livelihood source for the urban poor of Nakuru, Kenya. *Geoforum* 39, 1978-1990.
- Forkuor, G., Cofie, O., 2011. Dynamics of land-use and land-cover change in Freetown, Sierra Leone and its effects on urban and peri-urban agriculture - a remote sensing approach. *International Journal of Remote Sensing* 32, 1017-1037.
- Forster, D., Buehler, Y., Kellenberger, T.W., 2009. Mapping urban and peri-urban agriculture using high spatial resolution satellite data. *Journal of Applied Remote Sensing* 3, 033523.
- Frayne, B., 2004. Migration and urban survival strategies in Windhoek, Namibia. *Geoforum* 35, 489-505.
- Friel, S., Hancock, T., Kjellstrom, T., McGranahan, G., Monge, P., Roy, J., 2011. Urban health inequities and the added pressure of climate change: An action-oriented research agenda. *Journal of Urban Health-Bulletin of the New York Academy of Medicine* 88, 886-895.
- Gallaher, C.M., Kerr, J.M., Njenga, M., Karanja, N.K., WinklerPrins, A.M.G.A., 2013. Urban agriculture, social capital, and food security in the Kibera slums of Nairobi, Kenya. *Agriculture and Human Values* 30, 389-404.

Gallaher, C.M., Mwaniki, D., Njenga, M., Karanja, N.K., WinklerPrins, A.M.G.A., 2013. Real or perceived: The environmental health risks of urban sack gardening in Kibera slums of Nairobi, Kenya. *Ecohealth* 10, 9-20.

Gerster-Bentaya, M., 2013. Nutrition-sensitive urban agriculture. *Food Security* 5, 723-737.

Ghose, R., Pettygrove, M., 2014. Urban community gardens as spaces of citizenship. *Antipode* 46, 1092-1112.

Graefe, S., Schlecht, E., Buerkert, A., 2008. Opportunities and challenges of urban and peri-urban agriculture in Niamey, Niger. *Outlook on Agriculture* 37, 47-56.

Grewal, S.S., Grewal, P.S., 2012. Can cities become self-reliant in food? *Cities* 29, 1-11.

Guercan, E.C., 2014. Cuban agriculture and food sovereignty beyond civil-society-centric and globalist paradigms. *Latin American Perspectives* 41, 129-146.

Guitart, D.A., Pickering, C.M., Byrne, J.A., 2014. Color me healthy: Food diversity in school community gardens in two rapidly urbanising Australian cities. *Health & place* 26, 110-117.

Guo-yu et al., 2013...Effects of Evapotranspiration on Mitigation of Urban Temperature by Vegetation and Urban Agriculture, *Journal of Integrative Agriculture*.

Haberman, D.; Gillies, L.; Canter, A.; Rinner, V.; Pancrazi, L.; Martellozzo, F. The Potential of Urban Agriculture in Montréal: A Quantitative Assessment. *ISPRS Int. J. Geo-Inf.* 2014, 3, 1101-1117.

Halloran, A., Magid, J., 2013. Planning the unplanned: Incorporating agriculture as an urban land use into the Dar es Salaam master plan and beyond. *Environment and Urbanization* 25, 541-558.

Halloran, A., Magid, J., 2013. The role of local government in promoting sustainable urban agriculture in Dar es Salaam and Copenhagen. *Geografisk Tidsskrift-Danish Journal of Geography* 113, 121-132.

Hamilton, A.J., Burry, K., Mok, H., Barker, S.F., Grove, J.R., Williamson, V.G., 2014. Give peas a chance? urban agriculture in developing countries. A review. *Agronomy for Sustainable Development* 34, 45-73.

Hampwaye, G., 2013. Benefits of urban agriculture: Reality or illusion? *Geoforum* 49, R7-R8.

Hampwaye, G., Nel, E., Rogerson, C.M., 2007. Urban agriculture as local initiative in Lusaka, Zambia. *Environment and Planning C-Government and Policy* 25, 553-572.

Hara, Y., Furutani, T., Murakami, A., Palijon, A.M., Yokohari, M., 2011. Current organic waste recycling and the potential for local recycling through urban agriculture in metro manila. *Waste Management & Research* 29, 1213-1221.

Hara, Y., Murakami, A., Tsuchiya, K., Palijon, A.M., Yokohari, M., 2013. A quantitative assessment of vegetable farming on vacant lots in an urban fringe area in metro manila: Can it sustain long-term local vegetable demand? *Applied Geography* 41, 195-206.

- Hara, Y., Tsuchiya, K., Matsuda, H., Yamamoto, Y., Sampei, Y., 2013. Quantitative assessment of the Japanese "local production for local consumption" movement: A case study of growth of vegetables in the Osaka city region. *Sustainability Science* 8, 515-527.
- Hardman, M., Larkham, P.J., 2014. The rise of the 'food charter': A mechanism to increase urban agriculture. *Land Use Policy* 39, 400-402.
- Harroff-Tavel, M., 2010. Violence and humanitarian action in urban areas: New challenges, new approaches. *International Review of the Red Cross* 92, 329-350.
- Hartley, P., Bramwell, L., Pless-Mulloli, T., 2008. Case study of public health intervention at an urban agriculture site in Newcastle-upon-Tyne, UK. *Epidemiology* 19, S185-S186.
- Hearn, G., Collie, N., Lyle, P., Choi, J.H., Foth, M., 2014. Using communicative ecology theory to scope the emerging role of social media in the evolution of urban food systems. *Futures* 62, 202-212.
- Hofmann, P., 2013. Wasted waste-disappearing reuse at the peri-urban interface. *Environmental Science & Policy* 31, 13-22.
- Honing, M.S., 2009. Improvement of inadequate housing via urban agriculture in Nairobi, Kenya. *Open House International* 34, 71-80.
- Hovorka, A.J., 2005. The (re) production of gendered positionality in Botswana's commercial urban agriculture sector. *Annals of the Association of American Geographers* 95, 294-313.
- Hovorka, A.J., 2006. The no. 1 ladies' poultry farm: A feminist political ecology of urban agriculture in Botswana. *Gender Place and Culture* 13, 207-225.
- Howorth, C., Convery, I., O'Keefe, P., 2001. Gardening to reduce hazard: Urban agriculture in Tanzania. *Land Degradation & Development* 12, 285-291.
- Hu, A., Acosta, A., McDaniel, A., Gittelsohn, J., 2013. Community perspectives on barriers and strategies for promoting locally grown produce from an urban agriculture farm. *Health promotion practice* 14, 69-74.
- Hubbard, M., Onumah, G., 2001. Improving urban food supply and distribution in developing countries: The role of city authorities. *Habitat International* 25, 431-446.
- Huibers, F.P., Van Lier, J.B., 2005. Use of wastewater in agriculture: The water chain approach. *Irrigation and Drainage* 54, S3-S9.
- Iram, S., Ahmad, I., Nasir, K., Akhtar, S., 2011. Study of fungi from the contaminated soils of peri-urban agricultural areas. *Pakistan Journal of Botany* 43, 2225-2230.
- James, S.W., 2014. Protecting Sydney's peri-urban agriculture: Moving beyond a Housing/Farming dichotomy. *Geographical Research* 52, 377-386.
- Jarosz, L., 2008. The city in the country: Growing alternative food networks in metropolitan areas. *Journal of Rural Studies* 24, 231-244.

- Kabore, W.T., Pansu, M., Hien, E., Houot, S., Zombre, N.P., Masse, D., 2011. Usefulness of TAO model to predict and manage the transformation in soil of carbon and nitrogen forms from West Africa urban solid wastes. *Waste Management* 31, 154-167.
- Kaldjian, P.J., 2004. Istanbuus bostans: A millennium of market gardens. *Geographical Review* 94, 284-304.
- Kamoshita, A., Ishikawa, M., Abe, J., Imoto, H., 2007. Evaluation of water-saving rice-winter crop rotation system in a suburb of Tokyo. *Plant Production Science* 10, 219-231.
- Kang'ethe, E.K., 2007. Potential of urban agriculture: Benefits and risks. *East African medical journal* 84, S45-7.
- Kang'ethe, E.K., Grace, D., Randolph, T.F., 2007. Overview on urban and peri-urban agriculture: Definition, impact on human health, constraints and policy issues. *East African medical journal* 84, S48-56.
- Kapungwe, E.M., 2011. Industrial land use and heavy metal contaminated wastewater used for irrigation in peri-urban Zambia. *Singapore Journal of Tropical Geography* 32, 71-84.
- Karanja, N., Yeudall, F., Mbugua, S., Njenga, M., Prain, G., Cole, D.C., Webb, A.L., Sellen, D., Gore, C., Levy, J.M., 2010. Strengthening capacity for sustainable livelihoods and food security through urban agriculture among HIV and AIDS affected households in Nairobi, Kenya. *International Journal of Agricultural Sustainability* 8, 40-53.
- Kato, Y., 2013. Not just the price of food: Challenges of an urban agriculture organization in engaging local residents. *Sociological Inquiry* 83, 369-391.
- Kaur, R., Rani, R., 2006. Spatial characterization and prioritization of heavy metal contaminated soil-water resources in peri-urban areas of national capital territory (NCT), Delhi. *Environmental monitoring and assessment* 123, 233-247.
- Keraita, B., Drechsel, P., Amoah, P., 2003. Influence of urban wastewater on stream water quality and agriculture in and around Kumasi, Ghana. *Environment and Urbanization* 15, 171-178.
- Keraita, B., Drechsel, P., Konradsen, F., 2008. Perceptions of farmers on health risks and risk reduction measures in wastewater-irrigated urban vegetable farming in Ghana. *Journal of Risk Research* 11, 1047-1061.
- Keraita, B., Drechsel, P., Konradsen, F., 2008. Using on-farm sedimentation ponds to improve microbial quality of irrigation water in urban vegetable farming in Ghana. *Water Science and Technology* 57, 519-525.
- Keraita, B., Drechsel, P., Konradsen, F., Vreugdenhil, R.C., 2008. Potential of simple filters to improve microbial quality of irrigation water used in urban vegetable farming in Ghana. *Journal of Environmental Science and Health Part A-Toxic/hazardous Substances & Environmental Engineering* 43, 749-755.

- Keraita, B., Konradsen, F., Drechsel, P., Abaidoo, R.C., 2007. Effect of low-cost irrigation methods on microbial contamination of lettuce irrigated with untreated wastewater. *Tropical Medicine & International Health* 12, 15-22.
- Keraita, B., Konradsen, F., Drechsel, P., Abaidoo, R.C., 2007. Reducing microbial contamination on wastewater-irrigated lettuce by cessation of irrigation before harvesting. *Tropical Medicine & International Health* 12, 8-14.
- Kiba, D.I., Zongo, N.A., Lompo, F., Jansa, J., Compaore, E., Sedogo, P.M., Frossard, E., 2012. The diversity of fertilization practices affects soil and crop quality in urban vegetable sites of Burkina Faso. *European Journal of Agronomy* 38, 12-21.
- Kirnbauer, M., Baetz, B., 2014. Prototype decision-support system for designing and costing municipal green infrastructure. *Journal of Urban Planning and Development* 140, 04014004.
- Klinkenberg, E., McCall, P.J., Wilson, M.D., Amerasinghe, F.P., Donnelly, M.J., 2008. Impact of urban agriculture on malaria vectors in Accra, Ghana. *Malaria Journal* 7, 151.
- Knight, A., Cheng, Z., Grewal, S.S., Islam, K.R., Kleinhenz, M.D., Grewal, P.S., 2013. Soil health as a predictor of lettuce productivity and quality: A case study of urban vacant lots. *Urban Ecosystems* 16, 637-656.
- Knight, L., Riggs, W., 2010. Nourishing urbanism: A case for a new urban paradigm. *International Journal of Agricultural Sustainability* 8, 116-126.
- Kohrman, H., Chamberlain, C.P., 2014. Heavy metals in produce from urban farms in the San Francisco bay area. *Food Additives & Contaminants Part B-Surveillance* 7, 127-134.
- Komakech, A.J., Banadda, N.E., Gebresenbet, G., Vinneras, B., 2014. Maps of animal urban agriculture in Kampala City. *Agronomy for Sustainable Development* 34, 493-500.
- Komisar, J., Nasr, J., Gorgolewski, M., 2009. Designing for food and agriculture: Recent explorations at Ryerson University. *Open House International* 34, 61-70.
- Koont, S., 2009. The urban agriculture of Havana. *Monthly Review-an Independent Socialist Magazine* 60, 44-63.
- Kortright, R., Wakefield, S., 2011. Edible backyards: A qualitative study of household food growing and its contributions to food security. *Agriculture and Human Values* 28, 39-53.
- Kremer, P., & DeLiberty, T. (2011). Local food practices and growing potential: mapping the case of Philadelphia. *Applied Geography*, 31(4), 1252e1261.
- Kulak, M., Graves, A., Chatterton, J., 2013. Reducing greenhouse gas emissions with urban agriculture: A life cycle assessment perspective. *Landscape and Urban Planning* 111, 68-78.
- Kurian, M., Reddy, V.R., Dietz, T., Brdjanovic, D., 2013. Wastewater re-use for peri-urban agriculture: A viable option for adaptive water management? *Sustainability Science* 8, 47-59.

- Kutiwa, S., Boon, E., Devuyst, D., 2010. Urban agriculture in low income households of Harare: An adaptive response to economic crisis. *Journal of Human Ecology* 32, 85-96.
- La Rosa, D., Barbarossa, L., Privitera, R., Martinico, F., 2014. Agriculture and the city: A method for sustainable planning of new forms of agriculture in urban contexts. *Land Use Policy* 41, 290-303.
- LaCroix, C.J., 2009. Urban agriculture and other green uses: Remaking the shrinking city. *Urban Lawyer* 42, 225-285.
- Lang, U., 2014. Cultivating the sustainable city: Urban agriculture policies and gardening projects in Minneapolis, Minnesota. *Urban Geography* 35, 477-485.
- Lee-Smith, D., 2010. Cities feeding people: An update on urban agriculture in equatorial Africa. *Environment and Urbanization* 22, 483-499.
- Levkoe, C.Z., 2006. Learning democracy through food justice movements. *Agriculture and Human Values* 23, 89-98.
- Li, F., Wang, R.S., Paulussen, J., Liu, X.S., 2005. Comprehensive concept planning of urban greening based on ecological principles: A case study in Beijing, china. *Landscape and Urban Planning* 72, 325-336.
- Liang, L., Lal, R., Du, Z., Wu, W., Meng, F., 2013. Estimation of nitrous oxide and methane emission from livestock of urban agriculture in Beijing. *Agriculture Ecosystems & Environment* 170, 28-35.
- Lichtfouse, E., Hamelin, M., Navarrete, M., Debaeke, P., Henri, A., 2010. Emerging agroscience. *Agronomy for Sustainable Development* 30, 1-10.
- Livesley, S.J., Dougherty, B.J., Smith, A.J., Navaud, D., Wylie, L.J., Arndt, S.K., 2010. Soil-atmosphere exchange of carbon dioxide, methane and nitrous oxide in urban garden systems: Impact of irrigation, fertiliser and mulch. *Urban Ecosystems* 13, 273-293.
- Losada, H., Bennett, R., Soriano, R., Vieyra, J., Cortes, J., 2000. Urban agriculture in Mexico City: Functions provided by the use of space for dairy based livelihoods. *Cities* 17, 419-431.
- Lovell, S.T., Johnston, D.M., 2009. Designing landscapes for performance based on emerging principles in landscape ecology. *Ecology and Society* 14, 44.
- Lovell, Sarah Taylor. 2010. "Multifunctional Urban Agriculture for Sustainable Land Use Planning in the United States." *Sustainability* 2, no. 8: 2499-2522.
- Lowenstein, D.M., Matteson, K.C., Xiao, I., Silva, A.M., Minor, E.S., 2014. Humans, bees, and pollination services in the city: The case of Chicago, IL (USA). *Biodiversity and Conservation* 23, 2857-2874.
- Lydecker, M., Drechsel, P., 2010. Urban agriculture and sanitation services in Accra, Ghana: The overlooked contribution. *International Journal of Agricultural Sustainability* 8, 94-103.

Lynch, K., Binns, T., Olofin, E., 2001. Urban agriculture under threat - the land security question in Kano, Nigeria. *Cities* 18, 159-171.

Lynch, K., Maconachie, R., Binns, T., Tengbe, P., Bangura, K., 2013. Meeting the urban challenge? Urban agriculture and food security in post-conflict Freetown, Sierra Leone. *Applied Geography* 36, 31-39.

Lyson, H.C., 2014. Social structural location and vocabularies of participation: Fostering a collective identity in urban agriculture activism. *Rural Sociology* 79, 310-335.

Maconachie, R., Binns, T., Tengbe, P., 2012. Urban farming associations, youth and food security in post-war Freetown, Sierra Leone. *Cities* 29, 192-200.

MacRae, R., Gallanta, E., Patela, S., Michalaka, M., Buncha, M., Schaffner, S. 2010. Could Toronto Provide 10% of its Fresh Vegetable Requirements from within its Own Boundaries? Matching Consumption Requirements with Growing Spaces. *Journal of Agriculture, Food Systems, and Community Development*. Volume 1, Issue 2, pp. 105-127.

Madaleno, I., 2000. Urban agriculture in belem, brazil. *Cities* 17, 73-77.

Makita, K., Fevre, E.M., Waiswa, C., Bronsvoort, M.D.C., Eisler, M.C., Welburn, S.C., 2010. Population-dynamics focussed rapid rural mapping and characterisation of the pen-urban interface of Kampala, Uganda. *Land Use Policy* 27, 888-897.

Mariwah, S., Drangert, J., 2011. Community perceptions of human excreta as fertilizer in peri-urban agriculture in Ghana. *Waste Management & Research* 29, 815-822.

Marques-Perez, I., Segura, B., Maroto, C., 2014. Evaluating the functionality of agricultural systems: Social preferences for multifunctional peri-urban agriculture. The "huerta de Valencia" as case study. *Spanish Journal of Agricultural Research* 12, 889-901.

Martelozzo, F., Landry, J.-., Plouffe, D., Seufert, V., Rowhani, P., Ramankutty, N., 2014. Urban agriculture: A global analysis of the space constraint to meet urban vegetable demand. *Environmental Research Letters* 9, 064025.

Mason, D., Knowd, I., 2010. The emergence of urban agriculture: Sydney, Australia. *International Journal of Agricultural Sustainability* 8, 62-71.

Matagi, S.V., 2002. Some issues of environmental concern in Kampala, the capital city of Uganda. *Environmental monitoring and assessment* 77, 121-138.

Materechera, S.A., 2009. Tillage and tractor traffic effects on soil compaction in horticultural fields used for peri-urban agriculture in a semi-arid environment of the North West province, South Africa. *Soil & Tillage Research* 103, 11-15.

Materechera, S.A., 2011. Soil salinity in irrigated fields used for urban agriculture under a semi-arid environment of South Africa. *African Journal of Agricultural Research* 6, 3747-3754.

Matteson, K., and Langellotto, G. 2009. Bumble Bee Abundance in New York City Community Gardens: Implications for Urban Agriculture. *Cities and the Environment*, Volume 2, Issue 1, Article 5.

Matthys, B., Koudou, B.G., N'Goran, E.K., Vounatsou, P., Gosoniu, L., Kone, M., Cisse, G., Utzinger, J., 2010. Spatial dispersion and characterisation of mosquito breeding habitats in urban vegetable-production areas of Abidjan, Cote d'Ivoire. *Annals of Tropical Medicine and Parasitology* 104, 649-666.

Matthys, B., N'Goran, E.K., Kone, M., Koudou, B.G., Vounatsou, P., Cisse, G., Tschannen, A.B., Tanner, M., Utzinger, J., 2006. Urban agricultural land use and characterization of mosquito larval habitats in a medium-sized town of Cote d'Ivoire. *Journal of Vector Ecology* 31, 319-333.

Matthys, B., Tschannen, A.B., Tian-Bi, N.T., Comoe, H., Diabate, S., Traore, M., Vounatsou, P., Raso, G., Gosoniu, L., Tanner, M., Cisse, G., N'Goran, E.K., Utzinger, J., 2007. Risk factors for schistosoma mansoni and hookworm in urban farming communities in western Cote d'Ivoire. *Tropical Medicine & International Health* 12, 709-723.

Mayes, C., 2014. An agrarian imaginary in urban life: Cultivating virtues and vices through a conflicted history. *Journal of Agricultural & Environmental Ethics* 27, 265-286.

Mazzocchi, C., Sali, G., Corsi, S., 2013. Land use conversion in metropolitan areas and the permanence of agriculture: Sensitivity index of agricultural land (SIAL), a tool for territorial analysis. *Land Use Policy* 35, 155-162.

McClintock, N., 2010. Why farm the city? Theorizing urban agriculture through a lens of metabolic rift. *Cambridge Journal of Regions Economy and Society* 3, 191-207.

McClintock, N., 2012. Assessing soil lead contamination at multiple scales in Oakland, California: Implications for urban agriculture and environmental justice. *Applied Geography* 35, 460-473.

McClintock, N., Cooper, J., Khandeshi, S., 2013. Assessing the potential contribution of vacant land to urban vegetable production and consumption in Oakland, California. *Landscape and Urban Planning* 111, 46-58.

McClintock, N., Pallana, E., Wooten, H., 2014. Urban livestock ownership, management, and regulation in the United States: An exploratory survey and research agenda. *Land Use Policy* 38, 426-440.

McLain, R., Poe, M., Hurley, P.T., Lecompte-Mastenbrook, J., Emery, M.R., 2012. Producing edible landscapes in Seattle's urban forest. *Urban Forestry & Urban Greening* 11, 187-194.

McLees, L., 2011. Access to land for urban farming in Dar es Salaam, Tanzania: Histories, benefits and insecure tenure. *Journal of Modern African Studies* 49, 601-624.

Mendes, W., Balmer, K., Kaethler, T., Rhoads, A., 2008. Using land inventories to plan for urban agriculture experiences from Portland and Vancouver. *Journal of the American Planning Association* 74, 435-449.

Merson, J., Attwater, R., Ampt, P., Wildman, H., Chapple, R., 2010. The challenges to urban agriculture in the Sydney basin and lower blue mountains region of Australia. *International Journal of Agricultural Sustainability* 8, 72-85.

Miccoli, S., Finucci, F., Murro, R., 2014. A monetary measure of inclusive goods: The concept of deliberative appraisal in the context of urban agriculture. *Sustainability* 6, 9007-9026.

Midmore, D.J., Jansen, H.G.P., 2003. Supplying vegetables to Asian cities: Is there a case for peri-urban production? *Food Policy* 28, 13-27.

Mintz, G., McManus, P., 2014. Seeds for change? Attaining the benefits of community gardens through council policies in Sydney, Australia. *Australian Geographer* 45, 541-558.

Mireri, C., Atekyereza, P., Kyessi, A., Mushi, N., 2007. Environmental risks of urban agriculture in the Lake Victoria drainage basin: A case of Kisumu municipality, Kenya. *Habitat International* 31, 375-386.

Mitchell, R.G., Spliethoff, H.M., Ribaudo, L.N., Lopp, D.M., Shayler, H.A., Marquez-Bravo, L.G., Lambert, V.T., Ferenz, G.S., Russell-Anelli, J.M., Stone, E.B., McBride, M.B., 2014. Lead (pb) and other metals in New York City community garden soils: Factors influencing contaminant distributions. *Environmental Pollution* 187, 162-169.

Mkwambisi, D.D., Fraser, E.D.G., Dougill, A.J., 2011. Urban agriculture and poverty reduction: Evaluating how food production in cities contributes to food security, employment and income in Malawi. *Journal of International Development* 23, 181-203.

Moglia, M., 2014. Urban agriculture and related water supply: Explorations and discussion. *Habitat International* 42, 273-280.

Mok, H., Williamson, V.G., Grove, J.R., Burry, K., Barker, S.F., Hamilton, A.J., 2014. Strawberry fields forever? Urban agriculture in developed countries: A review. *Agronomy for Sustainable Development* 34, 21-43.

Monkiedje, A., Spitteler, M., Fotio, D., Sukul, P., 2006. The effect of land use on soil health indicators in peri-urban agriculture in the humid forest zone of southern Cameroon. *Journal of environmental quality* 35, 2402-2409.

Morgan, K., 2009. Feeding the city: The challenge of urban food planning. *International Planning Studies* 14, 341-348.

Morgan, K., Sonnino, R., 2010. The urban foodscape: World cities and the new food equation. *Cambridge Journal of Regions Economy and Society* 3, 209-224.

- Nabulo, G., Black, C.R., Craigon, J., Young, S.D., 2012. Does consumption of leafy vegetables grown in peri-urban agriculture pose a risk to human health? Environmental Pollution 162, 389-398.
- Nabulo, G., Black, C.R., Young, S.D., 2011. Trace metal uptake by tropical vegetables grown on soil amended with urban sewage sludge. Environmental Pollution 159, 368-376.
- Nabulo, G., Oryem-Origa, H., Diamond, M., 2006. Assessment of lead, cadmium, and zinc contamination of roadside soils, surface films, and vegetables in Kampala City, Uganda. Environmental research 101, 42-52.
- Ndiaye, M.L., Dieng, Y., Niang, S., Pfeifer, H.R., Tonolla, M., Peduzzi, R., 2011. Effect of irrigation water on the incidence of salmonella spp. on lettuces produced by urban agriculture and sold on the markets in Dakar, Senegal. African Journal of Microbiology Research 5, 2885-2890.
- Nhapi, I., 2004. A framework for the decentralised management of wastewater in Zimbabwe. Physics and Chemistry of the Earth 29, 1265-1273.
- Nhapi, I., 2008. Inventory of water management practices in Harare, Zimbabwe. Water and Environment Journal 22, 54-63.
- Nhapi, I., 2009. The water situation in Harare, Zimbabwe: A policy and management problem. Water Policy 11, 221-235.
- Niblick, B., Monnell, J.D., Zhao, X., Landis, A.E., 2013. Using geographic information systems to assess potential biofuel crop production on urban marginal lands. Applied Energy 103, 234-242.
- Nriagu, J., Afeiche, M., Linder, A., Arowolo, T., Ana, G., Sridhar, M.K.C., Oloruntoba, E.O., Obi, E., Ebenebe, J.C., Orisakwe, O.E., Adesina, A., 2008. Lead poisoning associated with malaria in children of urban areas of Nigeria. International journal of hygiene and environmental health 211, 591-605.
- Nunan, F., 2000. Urban organic waste markets: Responding to change in Hubli-Dharwad, India. Habitat International 24, 347-360.
- Obeng-Odoom, F., 2013. Underwriting food security the urban way: Lessons from African countries. Agroecology and Sustainable Food Systems 37, 614-628.
- Oka, G.A., Thomas, L., Lavkulich, L.M., 2014. Soil assessment for urban agriculture: A Vancouver case study. Journal of Soil Science and Plant Nutrition 14, 657-669.
- Okon, U.E., Enete, A.A., Amusa, T.A., 2012. Enterprise choice decisions in urban food production in Nigeria empirical evidence from Akwa Ibom state. Outlook on Agriculture 41, 51-56.

- Ondo, J.A., Prudent, P., Massiani, C., Biyogo, R.M., Domeizel, M., Rabier, J., Eba, F., 2013. Impact of urban gardening in an equatorial zone on the soil and metal transfer to vegetables. *Journal of the Serbian Chemical Society* 78, 1045-1053.
- Oram, R.D., 2011. Waste management and peri-urban agriculture in the early modern Scottish burgh. *Agricultural History Review* 59, 1-17.
- Orsini, F., Gasperi, D., Marchetti, L., Piovene, C., Draghetti, S., Ramazzotti, S., Bazzocchi, G., Gianquinto, G., 2014. Exploring the production capacity of rooftop gardens (RTGs) in urban agriculture: The potential impact on food and nutrition security, biodiversity and other ecosystem services in the city of Bologna. *Food Security* 6, 781-792.
- Orsini, F., Kahane, R., Nono-Womdim, R., Gianquinto, G., 2013. Urban agriculture in the developing world: A review. *Agronomy for Sustainable Development* 33, 695-720.
- Owusu, F., 2007. Conceptualizing livelihood strategies in African cities - planning and development implications of multiple livelihood strategies. *Journal of Planning Education and Research* 26, 450-465.
- Page, B., 2002. Urban agriculture in Cameroon: An anti-politics machine in the making? *Geoforum* 33, 41-54.
- Parrot, L., Sotamenou, J., Kamgnia, B.D., Nantchouang, A., 2009. Determinants of domestic waste input use in urban agriculture lowland systems in Africa: The case of Yaoundé in Cameroon. *Habitat International* 33, 357-364.
- Pasquini, M.W., 2006. The use of town refuse ash in urban agriculture around Jos, Nigeria: Health and environmental risks. *Science of the Total Environment* 354, 43-59.
- Pasquini, M.W., Alexander, M.J., 2004. Chemical properties of urban waste ash produced by open burning on the Jos Plateau: Implications for agriculture. *Science of the Total Environment* 319, 225-240.
- Pael, V., McKenzie, F.H., 2013. Peri-urban farmland conservation and development of alternative food networks: Insights from a case-study area in metropolitan Barcelona (Catalonia, Spain). *Land Use Policy* 30, 94-105.
- Pearson, L.J., Pearson, L., Pearson, C.J., 2010. Sustainable urban agriculture: Stocktake and opportunities. *International Journal of Agricultural Sustainability* 8, 7-19.
- Perez-Vazquez, A., Anderson, S., Wiltshire, R., Fraser, R., 2006. Valuing non-market benefits derived from allotments in southeast England: A contingent valuation study. *International Journal of Sustainable Development and World Ecology* 13, 103-112.
- Plant, R., Walker, J., Rayburg, S., Gothe, J., Leung, T., 2012. The wild life of pesticides: Urban agriculture, institutional responsibility, and the future of biodiversity in Sydney's Hawkesbury-Nepean River. *Australian Geographer* 43, 75-91.

- Pollans, M., Roberts, M., 2014. Setting the table for urban agriculture. *Urban Lawyer* 46, 199-225.
- Pollock, S.L., Stephen, C., Skuridina, N., Kosatsky, T., 2012. Raising chickens in city backyards: The public health role. *Journal of community health* 37, 734-742.
- Ponce De Leon, C., Sommer, I., Cram, S., Murguia, F., Hernandez, M., Vanegas, C., 2010. Metal uptake in a peri-urban lactuca sativa cultivated area. *Journal of Environmental Science and Health Part A-Toxic/hazardous Substances & Environmental Engineering* 45, 111-120.
- Predotova, M., Bischoff, W., Buerkert, A., 2011. Mineral-nitrogen and phosphorus leaching from vegetable gardens in Niamey, Niger. *Journal of Plant Nutrition and Soil Science* 174, 47-55.
- Predotova, M., Gebauer, J., Diogo, R.V.C., Schlecht, E., Buerkert, A., 2009. Emissions of ammonia, nitrous oxide and carbon dioxide from urban gardens in Niamey, Niger. *Field Crops Research* 115, 1-8.
- Predotova, M., Schlecht, E., Buerkert, A., 2010. Nitrogen and carbon losses from dung storage in urban gardens of Niamey, Niger. *Nutrient Cycling in Agroecosystems* 87, 103-114.
- Qiu Guo-yu, Li Hong-yong, Zhang Qing-tao, Chen Wan, Liang Xiao-jian, Li Xiang-ze, 2013. Effects of evapotranspiration on mitigation of urban temperature by vegetation and urban agriculture. *Journal of Integrative Agriculture* 12, 1307-1315.
- Ranasinghe, T.T., 2003. A novel living agricultural concept in urban communities: Family business garden. *International Journal of Sustainable Development and World Ecology* 10, 239-245.
- Ranasinghe, T.T., 2005. From informal to formal acceptance: Leaps and bounds of urban agriculture in the development sphere. *International Journal of Biodiversity Science & Management* 1, 17-24.
- Redwood, M., 2009. Tenure and land markets for urban agriculture. *Open House International* 34, 8-14.
- Reeves, J., Cheng, Z., Kovach, J., Kleinhenz, M.D., Grewal, P.S., 2014. Quantifying soil health and tomato crop productivity in urban community and market gardens. *Urban Ecosystems* 17, 221-238.
- Rojas-Valencia, M.N., Orta de Velasquez, M.T., Franco, V., 2011. Urban agriculture, using sustainable practices that involve the reuse of wastewater and solid waste. *Agricultural Water Management* 98, 1388-1394.
- Russo, P., Tomaselli, G., Pappalardo, G., 2014. Marginal peri-urban agricultural areas: A support method for landscape planning. *Land Use Policy* 41, 97-109.
- Sabzalian, M.R., Heydarizadeh, P., Zahedi, M., Boroomand, A., Agharokh, M., Sahba, M.R., Schoefs, B., 2014. High performance of vegetables, flowers, and medicinal plants in a red-blue

LED incubator for indoor plant production. *Agronomy for Sustainable Development* 34, 879-886.

Safi, Z., Buerkert, A., 2011. Heavy metal and microbial loads in sewage irrigated vegetables of Kabul, Afghanistan. *Journal of Agriculture and Rural Development in the Tropics and Subtropics* 112, 29-36.

Safi, Z., Dossa, L.H., Buerkert, A., 2011. Economic analysis of cereal, vegetable and grape production systems in urban and peri-urban agriculture of Kabul, Afghanistan. *Experimental Agriculture* 47, 705-716.

Safi, Z., Predotova, M., Schlecht, E., Buerkert, A., 2011. Horizontal matter fluxes and leaching losses in urban and peri-urban agriculture of Kabul, Afghanistan. *Journal of Plant Nutrition and Soil Science* 174, 942-951.

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, 399-412.

Sangare, S.K., Compaore, E., Buerkert, A., Vanclooster, M., Sedogo, M.P., Bielders, C.L., 2012. Field-scale analysis of water and nutrient use efficiency for vegetable production in a West African urban agricultural system. *Nutrient Cycling in Agroecosystems* 92, 207-224.

Sato, T., Yamamoto, S., Qadir, M., Endo, T., Masunaga, T., Ahmad, Z., 2014. Long-term effects of wastewater irrigation on soil heavy metal contamination in peri-urban areas of Aleppo, Syria. *International Journal of Agriculture and Biology* 16, 1153-1158.

Scheierling, S.M., Bartone, C.R., Mara, D.D., Drechsel, P., 2011. Towards an agenda for improving wastewater use in agriculture. *Water International* 36, 420-440.

Schindler, S., 2014. Unpermitted urban agriculture: Transgressive actions, changing norms, and the local food movement. *Wisconsin Law Review* 369-396.

Schmidt, S., 2012. Getting the policy right: Urban agriculture in Dar es Salaam, Tanzania. *International Development Planning Review* 34, 129-145.

Schumacher, J., Luedeling, E., Gebauer, J., Saied, A., El-Siddig, K., Buerkert, A., 2009. Spatial expansion and water requirements of urban agriculture in Khartoum, Sudan. *Journal of Arid Environments* 73, 399-406.

Seymoar, N., Ballantyne, E., Pearson, C.J., 2010. Empowering residents and improving governance in low income communities through urban greening. *International Journal of Agricultural Sustainability* 8, 26-39.

Shackleton, C., Paumgarten, F., Mthembu, T., Ernst, L., Pasquini, M., Pichop, G., 2010. Production of and trade in African indigenous vegetables in the urban and peri-urban areas of Durban, South Africa. *Development Southern Africa* 27, 291-308.

- Sharp, J.S., Smith, M.B., 2004. Farm operator adjustments and neighboring at the rural-urban interface. *Journal of Sustainable Agriculture* 23, 111-131.
- Shillington, L.J., 2013. Right to food, right to the city: Household urban agriculture, and sacionatural metabolism in Managua, Nicaragua. *Geoforum* 44, 103-111.
- Simatele, D., Binns, T., Simatele, M., 2012. Urban livelihoods under a changing climate: Perspectives on urban agriculture and planning in Lusaka, Zambia. *Journal of Human Development and Capabilities* 13, 269-293.
- Simiyu, R.R., Foeken, D.W.J., 2014. Urban crop production and poverty alleviation in Eldoret, Kenya: Implications for policy and gender planning. *Urban Studies* 51, 2613-2628.
- Smith, V.M., Greene, R.B., Silbernagel, J., 2013. The social and spatial dynamics of community food production: A landscape approach to policy and program development. *Landscape Ecology* 28, 1415-1426.
- Sotamenou, J., Parrot, L., 2013. Sustainable urban agriculture and the adoption of composts in Cameroon. *International Journal of Agricultural Sustainability* 11, 282-295.
- Specht, K., Siebert, R., Hartmann, I., Freisinger, U.B., Sawicka, M., Werner, A., Thomaier, S., Henckel, D., Walk, H., Dierich, A., 2014. Urban agriculture of the future: An overview of sustainability aspects of food production in and on buildings. *Agriculture and Human Values* 31, 33-51.
- Speybroeck, N., Berkvens, D., Mfoukou-Ntsakala, A., Aerts, M., Hens, N., Van Huylenbroeck, G., Thys, E., 2004. Classification trees versus multinomial models in the analysis of urban farming systems in central Africa. *Agricultural Systems* 80, 133-149.
- Spliethoff, H.M., Mitchell, R.G., Ribaudo, L.N., Taylor, O., Shayler, H.A., Greene, V., Oglesby, D., 2014. Lead in New York City community garden chicken eggs: Influential factors and health implications. *Environmental Geochemistry and Health* 36, 633-649.
- Stoler, J., Weeks, J.R., Getis, A., Hill, A.G., 2009. Distance threshold for the effect of urban agriculture on elevated self-reported malaria prevalence in Accra, Ghana. *American Journal of Tropical Medicine and Hygiene* 80, 547-554.
- Stringer, L.C., Mkwambisi, D.D., Dougill, A.J., Dyer, J.C., 2010. Adaptation to climate change and desertification: Perspectives from national policy and autonomous practice in Malawi. *Climate and Development* 2, 145-160.
- Sumner, J., Mair, H., Nelson, E., 2010. Putting the culture back into agriculture: Civic engagement, community and the celebration of local food. *International Journal of Agricultural Sustainability* 8, 54-61.
- Sutton, P., Wallinga, D., Perron, J., Gottlieb, M., Sayre, L., Woodruff, T., 2011. Reproductive health and the industrialized food system: A point of intervention for health policy. *Health affairs* 30, 888-897.

- Taiwo, O.J., 2014. Determinants of peri-urban and urban agricultural locational choice behaviour in Lagos, Nigeria. *Land Use Policy* 39, 320-330.
- Tambwe, N., Rudolph, M., Greenstein, R., 2011. 'Instead of begging, I farm to feed my children': Urban agriculture - an alternative to copper and cobalt in Lubumbashi. *Africa* 81, 391-412.
- Taylor, J.R., Lovell, S.T., 2014. Urban home food gardens in the global north: Research traditions and future directions. *Agriculture and Human Values* 31, 285-305.
- Tembo, R., Louw, J., 2013. Conceptualising and implementing two community gardening projects on the cape flats, Cape Town. *Development Southern Africa* 30, 224-237.
- Thapa, R.B., Murayama, Y., 2008. Land evaluation for peri-urban agriculture using analytical hierarchical process and geographic information system techniques: A case study of Hanoi. *Land Use Policy* 25, 225-239.
- Thebo, A.L., Drechsel, P., Lambin, E.F., 2014. Global assessment of urban and peri-urban agriculture: Irrigated and rainfed croplands. *Environmental Research Letters* 9, 114002.
- Thibert, J., 2012. Making local planning work for urban agriculture in the North American context: A view from the ground. *Journal of Planning Education and Research* 32, 349-357.
- Thom, A., Conradie, B., 2013. Urban agriculture's enterprise potential: Exploring vegetable box schemes in Cape Town. *Agrekon* 52, 64-86.
- Thompson, J.L., Gebauer, J., Hammer, K., Buerkert, A., 2010. The structure of urban and peri-urban gardens in Khartoum, Sudan. *Genetic Resources and Crop Evolution* 57, 487-500.
- Thornton, A., 2009. Pastures of plenty?: Land rights and community-based agriculture in Peddie, a former homeland town in South Africa. *Applied Geography* 29, 12-20.
- Thys, E., Mfoukou-Ntsakala, A., Nkouika-Dinghani-Nkita, G., Van Huylenbroeck, G., Speybroeck, N., 2010. Impact of armed conflicts on urban livestock production in Brazzaville, Republic of Congo. *Outlook on Agriculture* 39, 159-167.
- Tornaghi, C., 2014. Critical geography of urban agriculture. *Progress in Human Geography* 38, 551-567.
- Turkson, P.K., 2008. A comparison of the delivery of veterinary services to small-scale and medium to large-scale poultry keepers in peri-urban Ghana. *Revue Scientifique Et Technique-Office International Des Epizooties* 27, 719-730.
- Uno, S., Cotton, J., Philpott, S.M., 2010. Diversity, abundance, and species composition of ants in urban green spaces. *Urban Ecosystems* 13, 425-441.
- Vagneron, I., 2007. Economic appraisal of profitability and sustainability of peri-urban agriculture in Bangkok. *Ecological Economics* 61, 516-529.
- van Asselt, E.D., van Bussel, L.G.J., van der Voet, H., van der Heijden, G.W.A.M., Tromp, S.O., Rijgersberg, H., van Evert, F., van Wagenberg, C.P.A., van der Fels-Klerx, H.J., 2014. A

protocol for evaluating the sustainability of agri-food production systems-A case study on potato production in peri-urban agriculture in the Netherlands. Ecological Indicators 43, 315-321.

van Averbeke, W., 2007. Urban farming in the informal settlements of Atteridgeville, Pretoria, South Africa. Water Sa 33, 337-342.

van Heezik, Y.M., Dickinson, K.J.M., Freeman, C., 2012. Closing the gap: Communicating to change gardening practices in support of native biodiversity in urban private gardens. Ecology and Society 17, 34.

van Leeuwen, E., Nijkamp, P., Vaz, T.d.N., 2010. The multifunctional use of urban greenspace. International Journal of Agricultural Sustainability 8, 20-25.

van Timmerein, A., Sidler, D., Kaptein, M., 2007. Sustainable decentralized energy generation & sanitation: Case EVA Lanxmeer, Culemborg, the Netherlands. Journal of Green Building 2, 137-150.

Vandermeulen, V., Verspecht, A., Van Huylenbroeck, G., Meert, H., Boulanger, A., Van Eck, E., 2006. The importance of the institutional environment on multifunctional farming systems in the peri-urban area of Brussels. Land Use Policy 23, 486–501.

Viljoen, A., Bohn, K., 2009. CONTINUOUS PRODUCTIVE URBAN LANDSCAPE (CPUL): Essential infrastructure and edible ornament. Open House International 34, 50-60.

Vitiello, D., Wolf-Powers, L., 2014. Growing food to grow cities? The potential of agriculture for economic and community development in the urban United States. Community Development Journal 49, 508-523.

Vogl, C.R., Axmann, P., Vogl-Lukasser, B., 2004. Urban organic farming in Austria with the concept of selbsternte ('self-harvest'): An agronomic and socio-economic analysis. Renewable Agriculture and Food Systems 19, 67-79.

Wahid, A., Milne, E., Shamsi, S.R.A., Ashmore, M.R., Marshall, F.M., 2001. Effects of oxidants on soybean growth and yield in the Pakistan Punjab. Environmental Pollution 113, 271-280.

Ward, J.D., Ward, P.J., Mantzioris, E., Saint, C., 2014. Optimising diet decisions and urban agriculture using linear programming. Food Security 6, 701-718.

Weinberger, K., Lumpkin, T.A., 2007. Diversification into agriculture and poverty reduction: a research agenda. World Development 35 (8), 1464–1480.

Weindorf, D.C., Zhu, Y., Chakraborty, S., Bakr, N., Huang, B., 2012. Use of portable X-ray fluorescence spectrometry for environmental quality assessment of peri-urban agriculture. Environmental monitoring and assessment 184, 217-227.

Werrell, Peter A., Langellotto, Gail A., Morath, Shannon U., Matteson, Kevin C., 2009. The Influence of Garden Size and Floral Cover on Pollen Deposition in Urban Community Gardens. Cities and the Environment, Volume 2, Issue 1 Article 6.

- Whittinghill, L.J., Rowe, D.B., Cregg, B.M., 2013. Evaluation of vegetable production on extensive green roofs. *Agroecology and Sustainable Food Systems* 37, 465-484.
- Whittinghill, L.J., Rowe, D.B., Schutzki, R., Cregg, B.M., 2014. Quantifying carbon sequestration of various green roof and ornamental landscape systems. *Landscape and Urban Planning* 123, 41-48.
- Winiwarter, W., Leip, A., Tuomisto, H.L., Haastrup, P., 2014. A European perspective of innovations towards mitigation of nitrogen-related greenhouse gases. *Current Opinion in Environmental Sustainability* 9-10, 37-45.
- Wolfe, J.M., McCans, S., 2009. Designing for urban agriculture in an African city: Kampala, Uganda. *Open House International* 34, 25-35.
- Wortman, S.E., Lovell, S.T., 2013. Environmental challenges threatening the growth of urban agriculture in the United States. *Journal of environmental quality* 42, 1283-1294.
- Woudneh, M.B., Ou, Z., Sekela, M., Tuominen, T., Gledhill, M., 2009. Pesticide multiresidues in waters of the lower Fraser Valley, British Columbia, Canada. part II. groundwater. *Journal of environmental quality* 38, 948-954.
- Yadav, P., Duckworth, K., Grewal, P.S., 2012. Habitat structure influences below ground biocontrol services: A comparison between urban gardens and vacant lots. *Landscape and Urban Planning* 104, 238-244.
- Yadouleton, A.W.M., Asidi, A., Djouaka, R.F., Braima, J., Agossou, C.D., Akogbeto, M.C., 2009. Development of vegetable farming: A cause of the emergence of insecticide resistance in populations of *Anopheles gambiae* in urban areas of Benin. *Malaria Journal* 8, 103.
- Yang, Z., Cai, J., Sliuzas, R., 2010. Agro-tourism enterprises as a form of multi-functional urban agriculture for peri-urban development in China. *Habitat International* 34, 374-385.
- Yeudall, F., Sebastian, R., Cole, D.C., Ibrahim, S., Lubowa, A., Kikafunda, J., 2007. Food and nutritional security of children of urban farmers in Kampala, Uganda. *Food and Nutrition Bulletin* 28, S237-S246.
- Yokohari, M., Amati, M., Bolthouse, J., Kurita, H., 2010. Restoring urban fringe landscapes through urban agriculture: The Japanese experience. *Disp* 46, 51-59.
- Yokohari, M., Bolthouse, J., 2011. Planning for the slow lane: The need to restore working greenspaces in maturing contexts. *Landscape and Urban Planning* 100, 421-424.
- Zainuddin, Z., Mercer, D., 2014. Domestic residential garden food production in Melbourne, Australia: A fine-grained analysis and pilot study. *Australian Geographer* 45, 465-484.
- Zasada, I., 2011. Multifunctional peri-urban agriculture-A review of societal demands and the provision of goods and services by farming. *Land Use Policy* 28, 639-648.
- Zezza, A., Tasciotti, L., 2010. Urban agriculture, poverty, and food security: Empirical evidence from a sample of developing countries. *Food Policy* 35, 265-273.

Zhang Feifei, Cai Jianming, Liu Gang, 2009. How urban agriculture is reshaping peri-urban Beijing? Open House International 34, 15-24.

Zhang, L., Liu, Q., Hall, N.W., Fu, Z., 2007. An environmental accounting framework applied to green space ecosystem planning for small towns in China as a case study. Ecological Economics 60, 533-542.

Zhao, X., Monnell, J.D., Niblick, B., Rovensky, C.D., Landis, A.E., 2014. The viability of biofuel production on urban marginal land: An analysis of metal contaminants and energy balance for Pittsburgh's sunflower gardens. Landscape and Urban Planning 124, 22-33.