

# Bibliography

- 1001 Gardens, 2015. *Without water, he found out how to grow tomatoes*. [online] Available at: <<http://www.1001gardens.org/2015/08/without-water-he-found-out-how-to-grow-tomatoes/>> [Accessed 2.08.15]
- Acton, L., 2011. *The allotment movement in North-East Greater London 1900–2010*. PhD Thesis. London: UCL.
- Alberti, M., 2008. *Advances in urban ecology – integrating human and ecological processes in urban ecosystems*. New York: Springer Science.
- Al-Khalili, J. and McFadden, J., 2014. *Life on the edge: the coming of age of quantum biology*. London: Bantam.
- Allen, W., 2013. *The good food revolution*. New York: Gotham Books.
- Alston, J.M., Dehmer, S. and Pardy, P.G., 2006. International initiatives in agricultural R&D – the changing fortunes of the CGIAR. In: P.G. Pardey, J.M. Alston, and R. Piggott, eds. *Agricultural R&D in the developing world: too little, too late?* Washington DC: International Food Policy Research Institute.
- American Society of Agronomy, 2013. Protecting the weedy and wild kin of globally important crops. *ScienceDaily*, 1 October. [online] Available at: <[www.sciencedaily.com/releases/2013/10/131001221215.htm](http://www.sciencedaily.com/releases/2013/10/131001221215.htm)> [Accessed 28.3.16]
- Amin, S., 1974. *Accumulation on a world scale – a critique of the theory of underdevelopment*, two vols. New York: Monthly Review.
- Amin, S., 1980. *Class and nation – historically and in the current crisis*. London: Heinemann.
- Amin, S., 1981. *L'avenir du Maoïsme*. Paris: Editions du Minuit.
- Amin, S., 1986. *La déconnection – pour sortir du système mondiale*. Paris: La Découverte.
- Amundson, R. et al., 2015. Soil and human security in the 21st century. *Science*, vol. 348 no. 6235: 1261071 DOI: 10.1126/science.1261071
- Armitage, S. et al., 2015. West African monsoon dynamics inferred from abrupt fluctuations of Lake Mega-Chad. *PNAS*, June. DOI: 10.1073/pnas.1417655112
- Arriaga, F. et al., 2012. Soil erosion concerns after silage harvest. *New Horizons in Soil Science*, 12–03, Department of Soil Science, University of Wisconsin-Madison.
- Arthur Morgan Institute, n.d. *The power of community – how Cuba survived peak oil*. Feature film. [online] Available at: <<http://www.communitysolution.org/mediaandeducation/films/powerofcommunity/>> [Accessed 1.8.16]
- Associated Press, 2012. *Hundreds Of suicides in India linked to microfinance organizations*. 24 February [online] Available at: <<http://www.businessinsider.com/hundreds-of-suicides-in-india-linked-to-microfinance-organizations-2012-2?IR=T>> [Accessed 1.8.16]
- Attwater, J. and Holliger, P., 2012. Origins of life: The cooperative gene. *Nature* 491(7422; 1 November): 48–9. Epub 17 October 2012.
- Bannerjee, S., 1984. *India's simmering revolution*. 2nd revised edition. London: Zed Books.
- Banwart, S., 2011. Save our soils. *Nature* 474: 151–152 (9 June). DOI: 10.1038/474151a
- Baran, P., 1958. On the political economy of backwardness. In: A.N. Agarwala and S.P. Singh, eds. *The economics of underdevelopment*. Delhi: Oxford University Press.
- Baranger, M., n.d. *Chaos, complexity, and entropy*, discussion paper, Center for Theoretical Physics, Laboratory for Nuclear Science and Department of Physics, Massachusetts Institute of Technology. [online] Available at: <<http://www.necsi.org/projects/baranger/cce.pdf>> [Accessed 3.4.15]

- Bardgett, R.D. and van der Putten, W.H., 2014. Belowground biodiversity and ecosystem functioning. *Nature* 515 (27 November), 505–11. DOI: 10.1038/nature13855
- Barefoot College, n.d. Solar. [online] Available at: <<http://www.barefootcollege.org/solutions/solar-solutions/>> [Accessed 11.6.15]
- Barkun, M., 1968. *Law without sanctions – order in primitive societies and the world community*. New Haven: Yale University Press.
- Barling, D., Sharpe, R. and Lang, T., 2008. *Towards a national sustainable food security policy – a project to map the policy interface between food security and sustainable food supply*. London: City University, Centre for Food Policy.
- Barnaby, W., 2009. Do nations go to war over water? *Nature*, 458 (March 19): 282–3.
- Barnosky, A.D. et al., 2012. Approaching a state shift in Earth's biosphere. *Nature*, 486: 52–58. DOI: 10.1038/nature11018
- Bateson, G., 1972. *Steps to an ecology of mind: collected essays in anthropology, psychiatry, evolution, and epistemology*. Chicago: Chicago University Press.
- Bauwens, M., 2007. *P2P and human evolution: Peer to peer as the premise of a new mode of civilization*. [online] Available at: <[http://www.cybercultura.it/pdf/2005\\_P2P\\_bauwens\\_essay.pdf](http://www.cybercultura.it/pdf/2005_P2P_bauwens_essay.pdf)> [Accessed 1.8.16]
- Beck, U., 1992. *Risk society: towards a new modernity*. London: Sage.
- Bell, G., 2015. *The answer lies in the soil*, presentation to 12th International Permaculture Conference. London, 9 September.
- Bell, M., 2011. Towards pagan agroecology. *Journal of Rural Studies* vol. 27 no. 4: 348–9.
- Bellamy Foster, J., 2009. *The Ecological Revolution: Making Peace With The Planet*. New York: Monthly Review Press.
- Bellamy Foster, J. and Magdoff, F., 2000. Liebig, Marx, and the Depletion of Soil Fertility: Relevance for Today's Agriculture. In: F. Magdoff, J.B. Foster and F.H. Buttel, eds. *Hungry for profit: the agribusiness threat to farmers, food and the environment*. New York: Monthly Review Press. pp. 43–60.
- Bellinger, G. et al., n.d. *Data, information, knowledge, and wisdom* [online] Available at: <<http://www.systems-thinking.org/dikw/dikw.htm>> [Accessed 3.5.15]
- Berkes, F. and Folke, C., 2002. Back to the future: Ecosystem dynamics and local knowledge. In: L.H. Gunderson and C.S. Holling, eds. *Panarchy: Understanding Transformation in Human and Natural Systems*. Washington DC: Island Press.
- Bernstein, H., 2013. Food Sovereignty: A skeptical view, conference paper, *Food Sovereignty: A Critical Dialogue*, Yale University, 14–15 September [online] Available at: <[https://www.tni.org/files/download/1\\_bernstein\\_2013.pdf](https://www.tni.org/files/download/1_bernstein_2013.pdf)> [Accessed 1.8.16]
- Bettencourt, L. et al., 2007. Growth, innovation, scaling, and the pace of life in cities. *Proceedings of the National Academy of Science U S A*. April 24; vol. 104(no. 17): 7301–06.
- Biel, R., 2000. *The new imperialism*. London: Zed Books.
- Biel, R., 2012. *The entropy of capitalism*. Leiden: E.J. Brill.
- Biel, R., 2013. The future of food. In: S. Bell and J. Paskins, eds. *Imagining the future city: London 2062*. London: Ubiquity Press. pp. 97–106.
- Biel, R., 2015a. *Eurocentrism and the communist movement*. Montréal: Kersplebedeb.
- Biel, R., 2015b. *The international politics of the 21st century*, originally published as an additional section in Biel, R., 2007. *El nuevo imperialismo – crisis y contradicciones en las relaciones Norte-Sur*. México: Siglo XXI Editores.
- Biko, S., 1978. *I write what I like*. London: Heinemann.
- Bilalis, D. et al., 2010. Weed-suppressive effects of maize-legume intercropping in organic farming. *International Journal of Pest Management*, vol. 56, no. 2: 173–81.
- Bluejay, M., 2013. *Bicycling wastes gas?* blog post, October. [online] Available at: <<http://bicycleuniverse.info/transpo/energy.html>> [Accessed 10.1.15]
- Bolisetty, M.T., Rajadinakaran, G. and Graveley, B.R., 2015. Determining exon connectivity in complex mRNAs by nanopore sequencing. *Genome Biology*, vol. 16 no. 1, DOI: 10.1186/s13059-015-0777-z
- Bond, M., 2009. Critical Mass. *New Scientist*, 1 July: 38.
- Bourguignon, C. and Bourguignon, L., 2008. *Le sol, la terre et les champs: pour retrouver une agriculture saine*. Paris: Sang de la Terre.
- Bowler, P.J., 1976. Malthus, Darwin, and the concept of struggle. *Journal of the History of Ideas*, vol. 37 no. 4, Oct-Dec: 631–50.

- Brafman, O. and Beckstrom, R.A., 2006. *The Starfish and the Spider – the Unstoppable Power of Leaderless Organizations*. New York: Penguin.
- Brussaard, L. et al., 1997. Biodiversity and ecosystem functioning in soil. *Ambio* (Swedish Academy of Sciences), vol. 26 no. 8 (Dec.) [online] Available at: <[http://horizon.documentation.ird.fr/exl-doc/pleins\\_textes/pleins\\_textes\\_6/b\\_fdi\\_47-48/010012848.pdf](http://horizon.documentation.ird.fr/exl-doc/pleins_textes/pleins_textes_6/b_fdi_47-48/010012848.pdf)> [Accessed 4.4.15]
- Buckminster Fuller, R., 1982. *Critical path*. London: St. Martin's Press.
- Burkett, P. and Bellamy Foster, J., 2006. Metabolism, energy and entropy in Marx's critique of political economy: beyond the Podolinski myth. *Theory and Society*, vol. 35.
- Business Standard, 2015. Farmer suicides went up to 12,360 in 2014: Report, July 18. [online] Available at: <[http://www.business-standard.com/article/economy-policy/farmer-suicides-went-up-to-12-360-in-2014-report-115071800758\\_1.html](http://www.business-standard.com/article/economy-policy/farmer-suicides-went-up-to-12-360-in-2014-report-115071800758_1.html)> [Accessed 1.8.16]
- Buyx, J., 1993. Conversion towards organic agriculture in Russia: a preliminary study. *Biological Agriculture and Horticulture*, vol. 10 no. 2: 125–40.
- Cabannes, Y. and Delgado, C., 2015. *Another city is possible: alternatives to the city as a commodity – participatory budgeting*. No place of issue: Fondation Charles Leopold Mayer.
- Cabell, J.F., and Oelofse, M., 2012. An indicator framework for assessing agroecosystem resilience. *Ecology and Society*, vol. 17 no. 1.
- Caldwell, M., 1977. *The wealth of some nations*. London: Zed Books.
- Caldwell, M., n.d. *The energy of imperialism, and the imperialism of energy*. London: School of Oriental and African Studies (duplicated).
- Calnek, E.E., 1972. Settlement pattern and Chinampa agriculture at Tenochtitlan. *American Antiquity*, vol. 37 no. 1, 104–15.
- Capra, F., 1992. *The Tao of physics*. 3rd edition. London: Flamingo.
- Carlsson, C., 2008. *Nowtopia: how pirate programmers, outlaw bicyclists and vacant-lot gardeners are inventing the future today!* Edinburgh: AK Press.
- Carmona, A. S., 2016. Modern peanut's wild cousin, thought extinct, found in Andes. *Scientific American*, March 22.
- Carpenter, S. R. et al., 2015. Allowing variance may enlarge the safe operating space for exploited ecosystems. *Proceedings of the National Academy of Sciences*. DOI: 10.1073/pnas.1511804112
- Case, P., 2015. Putin wants Russia to become world leader in organic food. *Farmers' Weekly*, 4 December [online] Available at: <<http://www.fwi.co.uk/news/putin-wants-russia-to-become-world-leader-in-organic-food.htm>> [Accessed 14.1.16]
- Castanias, N., 2014. *Water imperialism: politicising virtual water through entropy theory*. UCL Development Planning Unit, Working Paper no. 161.
- Cernansky, R., 2015. The rise of Africa's super vegetables: Long overlooked in parts of Africa, indigenous greens are now capturing attention for their nutritional and environmental benefits. *Nature* 522, 7555, 9 June. [online] Available at: <<http://www.nature.com/news/the-rise-of-africa-s-super-vegetables-1.17712>> [Accessed 1.8.16]
- CGIAR, 2013. *CGIAR Consortium partners with Global Crop Diversity Trust to revitalize gene-banks*, 31 Jan. [online] Available at: <<http://www.cgiar.org/consortium-news/cgiar-consortium-partners-with-global-crop-diversity-trust-to-revitalize-genebanks/>> [Accessed 12.6.14]
- Chayanov, A.V., 1966. *On the theory of peasant economy*. Manchester: Manchester University Press.
- Chu, C.-C. et al., 2015. Patterns of differential gene expression in adult rotation-resistant and wild-type western corn rootworm digestive tracts. *Evolutionary Applications* DOI: 10.1111/eva.12278
- Clark, B. and York, R., 2008. Rifts and shifts: getting to the root of environmental crises. *Monthly Review*, vol. 60, 6 November.
- Clark, M., 2013. *Issues of gay/queer identity and sexuality in relation to the development of the theory and practice of environmental movements*. University College London, Dissertation.
- Clement, C.R. et al., 2015. The domestication of Amazonia before European conquest. *Proceedings of the Royal Society B* 282: 20150813. [online] Available at: <<http://dx.doi.org/10.1098/rspb.2015.0813>> [Accessed 1.8.16]
- Cleveland, D.A. et al., 2014. Local food hubs for alternative food systems: A case study from Santa Barbara County, California. *Journal of Rural Studies*, vol. 35, July: 26–36.

- Climate Heroes, 2014. *Schaduf, watering Cairo's rooftops to life – Sherif Hosny, Tarek Hosny and Abdulraheem Ali bring urban gardens and rooftop agriculture to Cairo in an effort to make all the city greener*. [online] Available at: <<http://climateheroes.org/portfolio-item/schaduf-watering-cairos-rooftops-to-life/>> [Accessed 1.8.16]
- Coeurdray, M. et al., 2015. Rivers and dams of the American empire. Sociology of the environment and the sphere of power. BlueGrass working paper. [online] Available at: <[https://www.academia.edu/17473443/RIVERS\\_AND\\_DAMS\\_OF\\_THE\\_AMERICAN\\_EMPIRE.\\_SOCIOLOGY\\_OF\\_THE\\_ENVIRONMENT\\_AND\\_THE\\_SPHERE\\_OF\\_POWER](https://www.academia.edu/17473443/RIVERS_AND_DAMS_OF_THE_AMERICAN_EMPIRE._SOCIOLOGY_OF_THE_ENVIRONMENT_AND_THE_SPHERE_OF_POWER)> [Accessed 2.12.15]
- Coghlán, A., 2006. Whales boast the brain cells that 'make us human'. *New Scientist*, 27 November.
- Colectivo La Patria de Chiapas, 2013. *Festival del Jitomate libre*. Poster, June 23.
- Committee on Extreme Weather Events and Climate Change Attribution, 2016. *Attribution of extreme weather events in the context of climate change*. Washington DC: National Academies Press.
- Conford, P., 1998. A forum for organic husbandry: the new English weekly and agricultural policy, 1939–1949. *Agricultural History Review*, vol. 46:197–201.
- Corbalan, J., 2005. Compost de Broussailles. Abécédaire du jardinier bio, *La Gazette des Jardins*, hors-série, October–December.
- Cox, S., 2016. *Why growing vegetables in high-rises is wrong on so many levels – The dream of vertical farming is gaining momentum despite many unanswered questions about its feasibility*. AlterNet, 16 February. [online] Available at: <<http://www.alternet.org/food/why-growing-vegetables-high-rises-wrong-so-many-levels>> [Accessed 20.2.16]
- Crouch, D. and Ward, C., 1997. *The allotment – its landscape and culture*. Nottingham: Five Leaves.
- Crowther, T.W. et al., 2015. Biotic interactions mediate soil microbial feedbacks to climate change. *Proceedings of the National Academy of Sciences*, 201502956 DOI: 10.1073/pnas.1502956112
- Curry, A. and Hodgson, A., 2008. Seeing in multiple horizons: connecting futures to strategy. *Journal of Futures Studies*, vol. 13 no. 1 (August): 1–20.
- Dailliez, L., 1981. *Les Templiers et l'agriculture, ou les composts templiers*. Nice: Presses d'Alpes-Méditerranée.
- Darwin, C., 1881. *The formation of vegetable mould, through the action of worms*. London: John Murray. [online] Available at: <[http://darwin-online.org.uk/converted/pdf/1881\\_Worms\\_F1357.pdf](http://darwin-online.org.uk/converted/pdf/1881_Worms_F1357.pdf)> [Accessed 1.8.16]
- Davidson-Hunt, I.J. and Berkes, F., 2003. Nature and society through the lens of resilience: toward a human-in-ecosystem perspective. In: F. Berkes, J. Colding and C. Folke, eds. *Navigating social-ecological systems: building resilience for complexity and change*. Cambridge: Cambridge University Press. pp. 53–77.
- Davin, E. et al., 2014. No-till farming and climate change. *Proceedings of the National Academy of Sciences*, 8 July, vol. 111 no. 27.
- Davis, J.E., 2010. *The Community Land Trust reader*. Lincoln: Institute of Land Policy.
- Davis, M.D., 1983. *Game theory – a nontechnical introduction*. Revised edition. New York: Basic Books.
- Dawkins, R., 1988. *The blind watchmaker*. London: Penguin.
- Decina, S.M. et al., 2016. Soil respiration contributes substantially to urban carbon fluxes in the greater Boston area. *Environmental Pollution*, 212: 433 DOI: 10.1016/j.envpol.2016.01.012
- Delaux, P.-M. et al., 2015. Algal ancestor of land plants was preadapted for symbiosis. *Proceedings of the National Academy of Sciences*, 201515426 DOI: 10.1073/pnas.1515426112
- Deleuze, G. and Guattari, F., 1987. *A thousand plateaus: capitalism and schizophrenia*. Minneapolis: University of Minnesota Press.
- de Rosnay, J., 1979. *The macroscope*. New York: Harper & Row.
- de Schutter, O., 2010. *Report submitted by the Special Rapporteur on the right to food, Olivier De Schutter, United Nations Human Rights Council, Sixteenth session*. New York: United Nations. 20 December A/HRC/16/49. [online] Available at: <[http://www.srfood.org/images/stories/pdf/officialreports/20110308\\_a-hrc-16-49\\_agroecology\\_en.pdf](http://www.srfood.org/images/stories/pdf/officialreports/20110308_a-hrc-16-49_agroecology_en.pdf)> [Accessed 3.5.14]
- de Vries, F.T. et al., 2013. Soil food web properties explain ecosystem services across European land use systems. *Proceedings of the National Academy of Sciences*, vol. 110 no. 35 DOI: 10.1073/pnas.1305198110
- Despommier, D., 2013. Farming up the city: the rise of urban vertical farms. *Trends in Biotechnology*, vol. 31 no. 7: 388–389.

- Díaz, S. et al., 2015. The global spectrum of plant form and function. *Nature*, 529 (7585): 167 DOI: 10.1038/nature16489
- Dincer, I., 2002. The role of exergy in energy policy making. *Energy Policy*, vol. 30 no. 2: 137–49.
- Döring, T.F. et al., 2011. Evolutionary plant breeding in cereals – into a new era. *Sustainability*, vol. 3: 1944–71; DOI:10.3390/su3101944n
- Doughty, C.E. et al., 2015. Global nutrient transport in a world of giants. *Proceedings of the National Academy of Sciences*, 26 October DOI: 10.1073/pnas.1502549112
- Dover, J.W., 2015. *Green infrastructure – incorporating plants and enhancing biodiversity in buildings and urban environments*. London: Routledge.
- Dowding, C., 2007. *Organic gardening: the natural no-dig way*. Totnes: Green Books.
- Drack, M., 2008. *Ludwig von Bertalanffy's Early System Approach*, von Bertalanffy Lecture, ISSS Conference, Madison WI. [online] Available at: <<http://journals.issss.org/index.php/proceedings52nd/article/viewFile/1032/322>> [Accessed 11.6.15]
- D'Souza, R., n.d. *Global commons: but where is the community?* [online] Available at: <<http://www.coloursresistance.org/414/global-commons-but-where-is-the-community/>> [Accessed 3.3.16]
- Dummett, E., 2007. *Green Space and Cosmic Order: Le Corbusier's understanding of nature*. University of Edinburgh, PhD thesis. [online] Available at: <<https://www.era.lib.ed.ac.uk/bitstream/handle/1842/3236/Emma%20Dummett%20PhD%20thesis%2008.pdf?sequence=2>> [Accessed 1.8.16]
- Dunbar, R.I.M., 1998. The social brain hypothesis. *Evolutionary Anthropology*, vol. 6: 178–90.
- Engel, G.S. et al., 2007. Evidence for wavelike energy transfer through quantum coherence in photosynthetic systems. *Nature*, vol. 446, 12 April: 782–786. DOI:10.1038/nature05678
- Engels, F., 1954 [1873–83]. *Dialectics of nature*. 2nd revised edition. Moscow: Progress Publishers.
- Engels, F., 1969 [1894]. *Anti-Dühring – Herr Eugen Dühring's revolution in science*. Moscow: Progress Publishers.
- Engels, F., 1970 [1877]. *The origin of the family, private property and the state*. Marx and Engels Selected Works Volume 3, Moscow: Progress Publishers.
- Engels, F., 1970 [1880] *Socialism: utopian and scientific*. Marx and Engels Selected Works Volume 3, Moscow: Progress Publishers.
- Entomological Society of America, 2016. Natural insect control without pesticides. *ScienceDaily*, 20 April. [online] Available at: <[www.sciencedaily.com/releases/2016/04/160420111235.htm](http://www.sciencedaily.com/releases/2016/04/160420111235.htm)> [Accessed 1.8.16]
- Ettinger, J., 2012. *Seattle Building Massive Edible Forest Filled with Free Food*, 28 February. [online] Available at: <<http://www.organicauthority.com/blog/organic/seattle-building-massive-edible-forest-filled-with-free-food/>> [Accessed 13 May 2014]
- EZLN, n.d. *Autonomous Government I: First-grade textbook for the course 'Freedom according to the Zapatistas'*, *Caracol I: Mother of the Caracoles, Sea of Our Dreams*. [online] Available at: <<https://docs.google.com/file/d/0B3RELkjXfmoWb0FzbTd3cHluSXM/edit>> [Accessed May 2015]
- Fairlie, S., 2010. *Meat – a benign extravagance*. White River Junction VT: Chelsea Green.
- Fanon, F., 1952. *Peau noire masques blancs*. Paris: Seuil.
- FAO, 2006. *Livestock's long shadow*. Rome: Food and Agriculture Organisation of the United Nations. [online] Available at: <<http://www.fao.org/docrep/010/a0701e/a0701e00.htm>> [Accessed 4.11.14]
- FAO, 2011. *Save and grow, a new paradigm of agriculture – a policymaker's guide to the sustainable intensification of smallholder crop production*. Rome: Food and Agriculture Organisation of the United Nations. [online] Available at: <<http://www.fao.org/docrep/014/i2215e/i2215e.pdf>> [Accessed 1.8.16]
- FAO, 2012. *The state of food insecurity in the world*. Rome: Food and Agriculture Organisation of the United Nations. [online] Available at: <<http://www.fao.org/docrep/016/i3027e/i3027e00.htm>> [Accessed 1.8.16]
- Federici, S. and George, C., 2013. Commons against and beyond capitalism. *Upping the Anti: a journal of theory and action*. No. 15 (September): 83–97.
- Fleming, N., 2014. *Plants talk to each other using an internet of fungus*. [online] Available at: <<http://www.bbc.com/earth/story/20141111-plants-have-a-hidden-internet?ocid=twert>> [Accessed 4.6.15]

- Flint, R.W., 2013. *Practice of sustainable community development: a participatory framework for change*. New York: Springer.
- Foley, J.A. et al., 2011. Solutions for a cultivated planet. *Nature*, vol. 478, 20 October.
- Forbes, J.D., 1993. *Africans and native Americans – the language of race and the evolution of Red-Black Peoples*. Urbana: University of Illinois Press.
- Foucault, M., 2003. *Society must be defended – lectures at the Collège de France 1975–76*. London: Allen Lane.
- Fowler, A., 2014. Gardens: why we need to protect Kazakhstan's wild apples. *Guardian*, 8 November.
- Frank, A.G., 1978. *World accumulation 1492–1789*. Basingstoke: Macmillan.
- Frankfurter Allgemeiner Zeitung, 2011. *Im Gespräch: Alexander Kluge: Karl Marx ist der Dichter unserer Krise*, 27 July. [online] Available at: <<http://www.faz.net/aktuell/feuilleton/im-gespraech-alexander-kluge-karl-marx-ist-der-dichter-unserer-krise-1714137.html>> [Accessed 4.8.16]
- Freire, P., 1972. *Pedagogy of the oppressed*. Harmondsworth: Penguin.
- Fukuoka, M., 1978. *The one-straw revolution: an introduction to natural farming*. Emmaus PA: Rodale.
- Galeano, S., 2015, *The storm, the sentinel, and night watch syndrome*. Mexico, April. [online] Available at: <<http://enlacezapatista.ezln.org.mx/2015/04/04/the-storm-the-sentinel-and-night-watch-syndrome/>> [Accessed 21.1.16]
- Gatti, R.C., 2016. A conceptual model of new hypothesis on the evolution of biodiversity. *Biologia*, vol. 71 no. 3: 343–51, DOI: 10.1515/biolog-2016-0032
- Gedge, D., 2013, presentation at workshop on *Green Roof Avant-Garde*, Garden Museum, London, 3 June.
- Geels, F.W. and Schot, J., 2007. Typology of sociotechnical transition pathways. *Research Policy*, vol. 36: 399–417.
- Geoghan, V., 2008. *Utopianism and Marxism*. Bern: Peter Lang.
- Gersper, P.S. et al., 1993. Soil conservation in Cuba: A key to the new model for agriculture. *Agriculture and Human Values*, vol. 10 no. 3, June: 16–23.
- Gharajedaghi, J., 2006. *Systems thinking: managing chaos and complexity*. Burlington MA: Butterworth-Heinemann.
- Giannattasio, M. et al., 2013. Microbiological features and bioactivity of a fermented manure product (Preparation 500) used in biodynamic agriculture. *Journal of Microbiology and Biotechnology*, vol. 23 no 5: 644–51.
- Giesa, T., Spivak, D.I. and Buehler, M.J., 2011. Reoccurring patterns in hierarchical protein materials and music: the power of analogies. *BioNanoScience*, vol. 1: 153–61.
- Ginelli, F. et al., 2015. Intermittent collective dynamics emerge from conflicting imperatives in sheep herds. *Proceedings of the National Academy of Sciences* 201503749 DOI: 10.1073/pnas.1503749112
- Girardet, H., ed. 1976. *Land for the people*. London: Crescent Books.
- Girardet, H. and Mendonça, M., 2009. *A renewable world – energy, ecology, equality*. Totnes: Green Books.
- Glaeser, B., (ed.) 1987. *The Green Revolution Revisited – Critique and Alternatives*. London: Allen and Unwin.
- Glaeser, B. and Phillips-Howard, K., 1987. Low-energy farming systems in Nigeria. In: B. Glaeser, ed. *The Green Revolution revisited – critique and alternatives*. London: Allen and Unwin.
- Global Alliance for the Rights of Nature, 2015. *Peoples' Tribunal Convention for the Establishment of the International Rights of Nature Tribunal* 4 December. [online] Available at: <<http://therightsofnature.org/peoples-convention-tribunal/>> [Accessed 1.3.16]
- Goldenberg, S., 2015. The doomsday vault: the seeds that could save a post-apocalyptic world. *Guardian* 20 May. [online] Available at: <<http://www.theguardian.com/science/2015/may/20/the-doomsday-vault-seeds-save-post-apocalyptic-world>> [Accessed 1.8.16]
- Goodall, C., 2014. *Walking can be more carbon-intensive than driving*, blog post 22 July. [online] Available at: <<http://www.carboncommentary.com/blog/2014/07/22/walking-can-be-more-carbon-intensive-than-driving?rq=walking>> [Accessed 11.12.15]
- Goonatilake, S., 1984. *Aborted discovery – science and creativity in the third world*. London: Zed Books.

- Gore, C., 2008. Healthy urban food production and local government. In: D. Cole, et al., eds. *Healthy city harvests – generating evidence to guide policy on urban agriculture*. Lima, Peru: Urban Harvest/Makerere University Press. pp 49–65.
- Gould, S.J. and Eldredge, N., 1977. Punctuated equilibria: the tempo and mode of evolution reconsidered. *Paleobiology*, vol. 3 no. 2. (Spring): 115–51.
- GRAIN, 2016. *The Great Climate Robbery – how the food system drives climate change and what we can do about it*. No place of issue: Daraja Press.
- Gramsci, A., 1971 [1927–33]. *Selections from prison notebooks*. London: Lawrence and Wishart.
- Grant, T. and Woods, A., 1995. *Reason in revolt: Marxist philosophy and modern science*. [online] Available at: <<http://www.marxist.com/rircontents.htm>> [Accessed 7.4.14]
- Graziano da Silva, J., 2015, *Agriculture must change – FAO Director-General speaks at International Forum on Agriculture and Climate Change*, Paris 20 February [online] Available at: <<http://www.fao.org/news/story/en/item/278192icode/>> [Accessed 15.3.15]
- Grossmann, I., et al., 2016. A heart and a mind: self-distancing facilitates the association between heart rate variability, and wise reasoning. *Frontiers in Behavioral Neuroscience*. April.
- Growing Communities, n.d. *Our organic fruit and veg bag scheme* [online] Available at: <<http://www.growingcommunities.org/organic-veg-scheme/>> [Accessed 1.8.16]
- Gunderson, L.H. and Holling, C.S., 2002. *Panarchy – understanding transformation in human and natural systems*. Washington DC: Island Press.
- Günther, G., 1964. *Cybernetics and the dialectic materialism of Marx and Lenin*, lecture at University of Cologne, 17 July. In: G. Günther (ed. Rudolf Kaehr) *Cyberphilosophy*, web edition (2004). [online] Available at: <<http://www.thinkartlab.com/pkl/archive/Cyberphilosophy.pdf>> [Accessed 11.4.15]
- Hancox, D., 2016. Gentrification X: how an academic argument became the people's protest. *Guardian* 12 January [online] Available at: <[http://www.theguardian.com/cities/2016/jan/12/gentrification-argument-protest-backlash-urban-generation-displacement?CMP=fb\\_a-cities\\_b-gdncities](http://www.theguardian.com/cities/2016/jan/12/gentrification-argument-protest-backlash-urban-generation-displacement?CMP=fb_a-cities_b-gdncities)> [Accessed 11.4.15]
- Hardin, G., 1968. The tragedy of the commons. *Science*, 162: 1243–8.
- Hartsock, N., 1983. *Money, sex and power – toward a feminist historical materialism*. New York: Longman.
- Hayek, F.A., 1964. The theory of complex phenomena. In: M. Bunge, ed. *The critical approach to science and philosophy*. London: Collier-Macmillan.
- Hegel, G.W.F., 1969. *The science of logic*, trans. A.V. Miller. London: George Allen and Unwin.
- Hegel, G.W.F., 1995. *Lectures on the history of philosophy*, volume 1; trans. E.S. Haldane, Lincoln NE: University of Nebraska Press. pp. 278ff. [online] Available at: <<https://www.marxists.org/reference/archive/hegel/works/hp/hphaeracitus.htm>> [Accessed 1.8.16]
- Henry, R., 2015. interview in *New Scientist*, No. 3044, 24 October.
- Heylighen, F., 2008. Complexity and self-organization. In: M.J. Bates and M.N. Maack, *Encyclopedia of library and information sciences*. London: Taylor & Francis.
- Heynen, N., 2015. Urban political ecology II: the abolitionist century. *Progress in Human Geography*: 1–7 DOI: 10.1177/0309132515617394.
- Higgins, S.I. and Scheiter, S., 2012. Atmospheric CO<sub>2</sub> forces abrupt vegetation shifts locally, but not globally. *Nature* DOI:10.1038/nature11238 Published online 27 June.
- Hirt, S. and Zahm, D., 2012. *The urban wisdom of Jane Jacobs*. London: Routledge.
- Ho, M-W., 1998. *The rainbow and the worm: the physics of organisms*. Singapore: World Scientific.
- Hobbs, S., 1976. Theory and practice. In: H. Girardet, ed. *Land for the people*. London: Crescent Books.
- Hobson, J.A., 1902. *Imperialism – a study*. New York: James Pott & Co.
- Hodgson, J., with Hopkins, R., 2010. *Transition in action, Totnes 2030, an energy descent action plan*. Totnes: Transition Town. [online] Sourced from: <<http://totnesedap.org.uk/book/part3/vision-totnes-district-2030/a-forest-model-of-society/>> [Accessed 13.12.12. Note: this web page is no longer active]
- Holland, G.J. and Webster, P.J., 2007. Heightened tropical cyclone activity in the North Atlantic: natural variability or climate trend? *Philosophical Transactions of the Royal Society A* 365: 2695–716.
- Holling, C.S., 2001. Understanding the complexity of economic, ecological, and social systems. *Ecosystems* vol. 4: 390–405.

- Holling, C.S., Gunderson, L.H. and Ludwig, D., 2002. In quest of a theory of adaptive change. In: L.H. Gunderson and C.S. Holling eds. *Panarchy – understanding transformation in human and natural systems*. Washington DC: Island Press.
- Holmgren, D., 1990. *Aboriginal land use*, presentation to RMIT (University of Technology) Melbourne, March. [online] Available at: <<http://www.unigaiabrasil.org/pdfs/davidHolmgren/04AbLand.pdf>> [Accessed 5.6.15]
- Holmgren, D., 1994. *The ethics and principles of permaculture*. Talk at Tir Penrhos Isaf, transcribed by Chris Dixon. [online] Available at: <<http://www.konsk.co.uk/resource/holm2.htm>> [Accessed 1.8.16]
- Holt-Giménez, E. and Patel, R., 2009. *Food rebellions! Crisis and hunger for justice*. Cape Town: Pambazuka Press.
- Hopkins, R., 2015. Keynote speech, IPCUK, London, 9 September.
- Hornborg, A., 2001. *The power of the machine – global inequalities of economy, technology, and environment*. Lanham MD: Rowman & Littlefield.
- Hospes, O., 2014. Food sovereignty: the debate, the deadlock, and a suggested detour. *Agriculture and Human Values* 31: 119–30.
- Hough, A., 2010. Britain facing food crisis as world's soil 'vanishes in 60 years'. *Daily Telegraph* 3 February.
- Howard, A., 1943. *An agricultural testament*. New York: Oxford University Press.
- Howard, E., 2012 [1902]. *Garden cities of tomorrow*. Barsinghausen: Unikum Verlag.
- Hug, L.A. et al., 2016. A new view of the tree of life. *Nature Microbiology* 16048 DOI: 10.1038/nmicrobiol.2016.48
- Hundertwasser, F., 1964 [1958]. *Mouldiness manifesto against rationalism in architecture*, revised version. [online] Available at: <<http://www.hundertwasser.com/english/texts/philo-verschimmelungsmanifest.php>> [Accessed 1.8.16]
- Ilyenkov, E.V., 1982 [1961]. *The dialectics of the abstract and the concrete in Marx's Capital*. Moscow: Foreign Languages Press.
- IME, 2013. *Global food – waste not want not*, London: Institution of Mechanical Engineers. [online] Available at: <[http://www.imeche.org/docs/default-source/reports/Global\\_Food\\_Report.pdf?sfvrsn=0](http://www.imeche.org/docs/default-source/reports/Global_Food_Report.pdf?sfvrsn=0)> [Accessed 6.8.14]
- Indoor Harvest Corp., 2015. *Indoor Harvest Corp. Set to Design-Build World's First Publicly-Owned, Open Data, Crowdfunded, Vertical Farm Research and Education Campus*, Dec. 2. [online] Available at: <<https://globenewswire.com/news-release/2015/12/02/792403/0/en/Indoor-Harvest-Corp-Set-to-Design-Build-World-s-First-Publicly-Owned-Open-Data-Crowdfunded-Vertical-Farm-Research-and-Education-Campus.html>> [Accessed 4.8.16]
- Institute of Photonic Sciences, 2013. Uncovering quantum secret in photosynthesis. *ScienceDaily*, 20 June. [online] Available at: <<http://www.sciencedaily.com/releases/2013/06/130620142932.htm>> [Accessed 11.1.15]
- Instituto Permacultura Ná Lu'um, 2013. Poster, 5 May. Source: Línea de Fuego, personal communication.
- International Biochar Initiative, n.d. *What is Open Source Technology, and how important is it to the emerging biochar industry?* [online] Available at: <<http://www.biochar-international.org/technology/opensource>> [Accessed 30.1.16]
- Ioffe, G., 2005. The downsizing of Russian agriculture. *Europe-Asia Studies*, vol. 57, no. 2, March: 179–208.
- IPCC, 2014. *Climate change 2014: impacts, adaptation, and vulnerability*. [online] Available at: <[http://ipcc-wg2.gov/AR5/images/uploads/IPCC\\_WG2AR5\\_SPM\\_Approved.pdf](http://ipcc-wg2.gov/AR5/images/uploads/IPCC_WG2AR5_SPM_Approved.pdf)> [Accessed 4.11.15]
- Isbell, F. et al., 2015. Biodiversity increases the resistance of ecosystem productivity to climate extremes. *Nature*, DOI: 10.1038/nature15374
- Jackson, C., 1993. Women/nature or gender/history? A critique of ecofeminist 'development'. *Journal of Peasant Studies*, vol. 20 no. 3, 389–418.
- Jackson, W., 2002. Natural systems agriculture: a radical alternative. *Agriculture, Ecosystems and Environment*, vol. 88: 111–17.
- Jacobsohn, A., 2016. Introduction. In: J.-G. Moreau and J.-J. Daverne, 2016 [1843]. *Manuel pratique de la culture maraîchère de Paris*. Paris: Editions du Linteau.
- Jing, X., et al., 2015. The links between ecosystem multifunctionality and above- and below-ground biodiversity are mediated by climate. *Nature Communications*, vol. 6: 8159 DOI: 10.1038/NCOMMS9159

- Jones, M., 2001. *Stand-off between Opec and Russia?* (posting to email discussion forum) 20 November. [online] Available at: <<http://wssearch.ucr.edu/wsnmail/2001/msg01791.html>> [Accessed 4.11.10]
- Joseph, J. et al., 2002. Short duration grazing research in Africa – an extensive review of the Charter Grazing Trials and other short duration grazing studies on African rangelands. *Rangelands*, vol. 24 no. 2 [online] Available from: <<https://journals.uair.arizona.edu/index.php/rangelands/article/view/11560/10833>> [Accessed 1.8.16]
- Jung, S.C. et al., 2012. Mycorrhiza-induced resistance and priming of plant defenses. *Journal of Chemical Ecology*, vol. 38 no. 6 (June): pp. 651–64.
- Kadas, G., 2006. Rare invertebrates colonizing green roofs in London. *Urban Habitats*, December.
- Kang, N.-Y. and Elsner, J.B., 2015. Trade-off between intensity and frequency of global tropical cyclones. *Nature Climate Change*, DOI: 10.1038/nclimate2646
- KQED News, 2015. California is sinking. [online] Video: Available at: <<https://www.facebook.com/KQEDnews/videos/903293236411741/>> [Accessed 10.3.16]
- King, D., 1996. An Interview with Professor Brian Goodwin. *GenEthics News*, Issue 11, March/April: 6–8. [online] Available at: <<http://ngin.tripod.com/article8.htm>> [Accessed 3.8.12]
- Klinger, C.R. et al., 2016. Ecological genomics of mutualism decline in nitrogen-fixing bacteria. *Proceedings of the Royal Society B*, vol. 283 no. 1826, 20152563 DOI: 10.1098/rspb.2015.2563
- Kluge, A., 2008. *Nachrichten aus der ideologischen Antike – Marx/Eisenstein/Das Kapital*, feature film.
- Krasil'nikov, N.A., 1961 [1958]. *Soil microorganisms and higher plants*, Moscow Academy of Sciences of the USSR, trans. for National Science Foundation, Washington DC and Department of Agriculture.
- Kropotkin, P., 1892. *The conquest of bread*. [online] Available at: <<http://dwardmac.pitzer.edu/AnarchistArchives/kropotkin/conquest/ch5.html>> [Accessed 10.11.15]
- Kuhn, T., 1970. *The structure of scientific revolutions*. 2nd enlarged edition. Chicago: University of Chicago Press.
- Kyndt, T. et al., 2015. The genome of cultivated sweet potato contains Agrobacterium T-DNAs with expressed genes: an example of a naturally transgenic food crop. *Proceedings of the National Academy of Sciences*, vol. 112 no. 18, 5844–9, DOI: 10.1073/pnas.1419685112
- L.A. Green Grounds, n.d. [online] Available at: <<http://lagreengrounds.org/about/>> [Accessed 13 May 2014].
- Lagi, M., Bertrand, K.Z. and Bar-Yam, Y., 2011. The food crises and political instability in North Africa and the Middle East. *arXiv*: 1108.2455, 10 August.
- Lal, R., 2004. Soil carbon sequestration impacts on global climate change and food security. *Science*, 304.
- Landon, A.J., 2008. The ‘how’ of the three sisters: the origins of agriculture in Mesoamerica and the human niche. *Nebraska Anthropologist*. Paper 40. [online] Downloadable from: <<http://digitalcommons.unl.edu/nebanthro/40>> [Accessed 1.8.16]
- Le Page, M., 2016a. Farming has made GMOs for millennia. *New Scientist* 12 March.
- Le Page, M., 2016b. Meet your maker. *New Scientist*, 12 August. Collected in *Origin, evolution, extinction – the epic story of life on Earth*. *New Scientist: The collection*, book 3. London: Reed.
- Lehmann, J., Coumou, D. and Frieler, K., 2015. Increased record-breaking precipitation events under global warming. *Climate Change*, DOI: 10.1007/s10584-015-1434-y
- Leigh, G.J., 2004. *The world's greatest fix – a history of nitrogen in agriculture*. Oxford: Oxford University Press.
- Lenin, V.I., 1937 [1920]. Once again on the trade unions, the present situation and the mistakes of Trotsky and Bukharin. *Lenin selected works*, volume 9. Moscow: Co-operative Publishing Society of Foreign Workers.
- Lenin, V.I., 1939. *Imperialism, the highest stage of capitalism*, New York: International Publishers.
- Lenin, V.I., 1972 [1908]. *Materialism and empirio-criticism*. Peking: Foreign Languages Press.
- Lenin, V.I., 1972 [1914–16]. Conspectus of Hegel's book The Science of Logic. Lenin *Collected Works*, volume 38 (Philosophical Notebooks), Moscow: Progress Publishers.
- Levins, R., 2004. How Cuba is going ecological. Latin American Studies Association meetings, October 6–10.
- Levins, R. and Lewontin, R., 1980. Dialectics and reductionism in ecology. *Synthese*, vol. 43: 47–78.

- Liebmann, M.J. et al., 2016. Native American depopulation, reforestation, and fire regimes in the Southwest United States, 1492–1900 CE. *Proceedings of the National Academy of Sciences*, 201521744 DOI: 10.1073/pnas.1521744113
- Li, D. and Waller, D., 2015. Drivers of observed biotic homogenization in pine barrens of central Wisconsin. *Ecology*, vol. 96 no. 4: 1030 DOI: 10.1890/14-0893.1
- Lifespan, 2016. Community food bank study dispels belief healthy diets are costly: research shows that such diets are less costly when compared to the cheapest USDA-recommended diet. *ScienceDaily*. 5 January. [online] Available at: <[www.sciencedaily.com/releases/2016/01/160105101744.htm](http://www.sciencedaily.com/releases/2016/01/160105101744.htm)> [Accessed 1.8.16]
- Lin, C. et al., 2015. Impacts of wind stilling on solar radiation variability in China. *Nature Scientific Reports*, vol. 5 no: 15135 DOI:10.1038/srep15135
- Lin, Y. et al., 2015. Combinatorial gene regulation by modulation of relative pulse timing. *Nature*, vol. 527 no. 7576; DOI: 10.1038/nature15710
- Linear, M., 1985. *Zapping the third world – the disaster of development aid*. London: Pluto.
- Litherland, R., 2010. *Where next for the community food movement?* duplicated. [online] Available at: <<https://www.organiclea.org.uk/about/publications/>> [Accessed 5.8.16]
- Liu, C. et al., 2015. Nanowire–bacteria hybrids for unassisted solar carbon dioxide fixation to value-added chemicals. *Nano Letters*, vol. 15 no. 5, 150407103432009 DOI: 10.1021/acs.nanolett.5b01254
- Liu, J. et al., 2015. Metabolic co-dependence gives rise to collective oscillations within biofilms. *Nature*, vol. 523 DOI: 10.1038/nature14660
- Lobell, D.B. and Field, C.B., 2007. Global scale climate–crop yield relationships and the impacts of recent warming. *Environmental Research Letters*, vol. 2 no. 1.
- London Orchard Project, n.d. [online] Available at: <<http://thelondonorchardproject.org/>> [Accessed 20.6.13].
- Lott, M.C., 2011. 10 calories in, 1 calorie out: the energy we spend on food. *Scientific American* blog post, 11 August. [online] Available at: <<http://blogs.scientific-american.com/plugged-in/2011/08/11/10-calories-in-1-calorie-out-the-energy-we-spend-on-food/>> [Accessed 13 May 2014].
- Lovelock, J., 2000. *The ages of Gaia*. 2nd edition, revised with new preface and corrections. Oxford: Oxford University Press.
- Lu, X., Wang, L. and McCabe, M.F., 2016. Elevated CO<sub>2</sub> as a driver of global dryland greening. *Scientific Reports*, vol. 6: 20716 DOI: 10.1038/srep20716
- Lucas, C., 2005. *Perturbation and transients – the edge of chaos*. Published online by Complexity and Artificial Life Research Concept for Self-Organizing Systems (CALRESCO). <http://www.calresco.org/perturb.htm> [Accessed 6.7.11 but website is now no longer active].
- Luxemburg, R., 1913. *Die Akkumulation des Kapitals – eine Beitrag zur Ökonomischen Erklärung des Imperialismus*. Berlin: Paul Singer.
- Lyson, T.A., 2004. *Civic agriculture: reconnecting farm, food, and community*. Lebanon NH: Tufts University Press.
- McGuirk, J., 2015. Urban commons have radical potential – it's not just about community gardens. *Guardian* 15 June.
- McHenry, M.P., 2009. Agricultural bio-char production, renewable energy generation and farm carbon sequestration in Western Australia: certainty, uncertainty and risk. *Agriculture, Ecosystems & Environment*, vol. 129 no. 1–3. [online] Available at: <[http://researchrepository.murdoch.edu.au/3675/1/Agricultural\\_bio-char\\_production.pdf](http://researchrepository.murdoch.edu.au/3675/1/Agricultural_bio-char_production.pdf)> [Accessed 1.8.16]
- McKay, G., 2011. *Radical gardening*. London: Frances Lincoln.
- McMichael, C. H. et al., 2014. Predicting pre-Columbian anthropogenic soils in Amazonia, *Proceedings of the Royal Society B*, 8 January DOI: 10.1098/rspb.2013.2475
- McNeill, J. R. and Winiwarter, V., 2004. Breaking the sod: humankind, history, and soil. *Science*, vol. 304: 1629.
- Mao, Z., 1977 [1956]. On the ten major relationships. *Mao Tse-tung Selected Works*, vol. 5. Beijing: Foreign Languages Press.
- Mares, T.M. and Peña, D.G., 2010. Urban agriculture in the making of insurgent spaces in Los Angeles and Seattle. In: J. Hou, ed. *Insurgent public space – guerrilla urbanism and the remaking of contemporary cities*. London: Routledge.
- Marsden, T. and Morley, A., 2014. Current food questions and their scholarly challenges – creating and framing a sustainable food paradigm. In: T. Marsden and A. Morley, eds. *Sustainable food systems: building a new paradigm*. Abingdon: Routledge.

- Martin, A.R. and Isaac, M.E., 2015. Plant functional traits in agroecosystems: a blueprint for research. *Journal of Applied Ecology*, vol. 52 no. 6 DOI: 10.1111/1365-2664.12526
- Martinez-Alier, J., 2011. The EROI of agriculture and its use by the Via Campesina. *Journal of Peasant Studies*, vol. 38: 145–60.
- Marx, K., 1954 [1887]. *Capital* vol. 1. Moscow: Progress Publishers.
- Marx, K., 1969 [1852]. *The eighteenth Brumaire of Louis Bonaparte*. Marx and Engels Selected Works, vol. I. Moscow: Progress Publishers.
- Marx, K., 1969 [1865]. *Wages, Price and Profit*. Marx and Engels Selected Works, vol. 2, Moscow: Progress Publishers.
- Marx, K., 1973 [1857–8]. *Grundrisse – foundations of the critique of political economy*. London: Penguin Books.
- Marx, K. and Engels, F., 1968. *Karl Marx-Friedrich Engels-Werke*, Band 23, “Das Kapital”, Bd. I, Dritter Abschnitt. Berlin: Dietz Verlag, reproduced [online] Available at: <[http://www.mlwerke.de/me23/me23\\_192.htm#Kap\\_5\\_1](http://www.mlwerke.de/me23/me23_192.htm#Kap_5_1)> [Accessed 5.1.15]
- Marx, K. and Engels, F., 1969 [1848]. *Manifesto of the Communist Party*. Marx and Engels Selected Works, vol. I. Moscow: Progress Publishers.
- Mason, P., 2015. The end of capitalism has begun. *The Guardian*, 17 July. [online] Available at: <<http://www.theguardian.com/books/2015/jul/17/postcapitalism-end-of-capitalism-begun>> [Accessed 1.8.16]
- Massachusetts Institute of Technology, 2016. Bacteria, electrons spin in similar patterns: bacteria streaming through a lattice behave like electrons in a magnetic material. *ScienceDaily*, 5 January. [online] Available at: <[www.sciencedaily.com/releases/2016/01/160105133132.htm](http://www.sciencedaily.com/releases/2016/01/160105133132.htm)> [Accessed 7.1.16]
- Merchant, C., 1980. *The death of nature – women, ecology and the scientific revolution*. San Francisco: Harper.
- Michelson, M., 2015. *Botanical gardens to feed the world*. California Academy of Sciences 1 June.
- Mies, M. and Shiva, V., eds. 1993. *Ecofeminism*. Halifax, Nova Scotia: Fernwood Publications.
- Millennium Ecosystem Assessment, 2005. *Ecosystems and human well-being: synthesis*. Washington DC: Island Press.
- Mirolo, A., 2011. *Philippe Pétain, Maréchal de France, ses années noires de 1940 à 1944*, blog post, 4 February [online] Available at: <<http://blogs.mediapart.fr/blog/anido-mirolo/040211/philippe-petain-marechal-de-france-ses-annees-noires-de-1940-1944-suit>> [Accessed 20 May 2014].
- Monbiot, G., 2010. I was wrong about veganism. Let them eat meat – but farm it properly. *The Guardian*, 6 September [online] Available at: <<http://www.theguardian.com/commentis-free/2010/sep/06/meat-production-veganism-deforestation>> [Accessed 1.8.16]
- Montgomery, D.R., 2007. *Dirt – the erosion of civilisations*. Berkeley: University of California Press.
- Montgomery, D.R., 2008. Peak soil. *New Internationalist*, issue 418.
- Moore, J.H. et al., 2016. Fruit gardens enhance mammal diversity and biomass in a Southeast Asian rainforest. *Biological Conservation*. Volume 194 (February): 132–138.
- Mora, C. et al., 2015. Suitable days for plant growth disappear under projected climate change: potential human and biotic vulnerability. *PLoS Biology*, 10 June, DOI: 10.1371/journal.pbio.1002167
- Morin, E., 1979. *From the concept of system to the paradigm of complexity*, translation of *Le système, paradigme ou théorie?* Address, Versailles 21 November, trans. Sean Kelly. [online] Available at: <<https://manontheword.files.wordpress.com/2013/07/morin-paradigm-of-complexity.pdf>> [Accessed 5.3.15]
- Morin, E., 2008. *On complexity*. Creskill NJ: Hampton Press.
- Morin, E., Rabhi, P., Rinpoché, D. and Pech, A., 2012. *Une vision spirituelle de la crise économique – altruisme plutôt qu'avidité : le remède à la crise*. Paris: Yves Michel Editions.
- Mouhot, J.-F., 2010. We are all slave owners now: fossil fuels, energy consumption and the legacy of slave abolition. In: M. Levene, R. Johnson and P. Roberts, eds. *History at the end of the world*. Penrith: Humanities Ebooks.
- Nabham, G.P., 2009. *Where our food comes from: retracing Nikolay Vavilov's quest to end famine*. Washington DC: Island Press.
- NASA/Jet Propulsion Laboratory, 2015. Excitement grows as NASA carbon sleuth begins Year Two. *ScienceDaily*, 29 October. [online] Available at: <[www.sciencedaily.com/releases/2015/10/151029185457.htm](http://www.sciencedaily.com/releases/2015/10/151029185457.htm)> [Accessed 1.8.16]

- Neocleous, M., 2013. Resisting resilience. *Radical Philosophy*, vol. 178 Mar/Apr.
- Netherlands Institute of Ecology, 2012. Voicemail discovered in nature: Insects receive soil messages from the past. *ScienceDaily*, 12 June. [online] Available at: <[www.sciencedaily.com/releases/2012/06/120612115946.htm](http://www.sciencedaily.com/releases/2012/06/120612115946.htm)> [Accessed 1.8.16]
- Noble, D., 2006. *The music of life: biology beyond genes*. Oxford: Oxford University Press.
- North Carolina State University. 2015. Study finds key molecular mechanism regulating plant translational activity: Response to ethylene, important hormone, shown. *ScienceDaily*. 22 October. [online] Available at: [www.sciencedaily.com/releases/2015/10/151022124524.htm](http://www.sciencedaily.com/releases/2015/10/151022124524.htm)
- Nowak, M., 2006. Five rules for the evolution of cooperation. *Science*, vol. 314. 8 December: 1560–3.
- Odum, E.P., 1969. The strategy of ecosystem development – an understanding of ecological succession provides a basis for resolving man's conflict with nature. *Science*, vol. 164, no. 3877: 262–70.
- O'Hagan, E.M., 2015. Mass migration is no 'crisis': it's the new normal as the climate changes. *The Guardian*, 18 August. [online] Available at: <[www.theguardian.com/commentisfree/2015/aug/18/mass-migration-crisis-refugees-climate-change](http://www.theguardian.com/commentisfree/2015/aug/18/mass-migration-crisis-refugees-climate-change)> [Accessed 20.8.15]
- Olvera-Gonzalez, E. et al., 2013. Intelligent lighting system for plant growth and development. *Computers and Electronics in Agriculture*, vol. 92: 48–53.
- OrganicLea, 2014: March programme of events, by email.
- Ostrom, E., 2005. *Understanding institutional diversity*. Princeton: Princeton University Press.
- Palomino, H., 2003. Las experiencias actuales de autogestión en Argentina. *Nueva Sociedad*, vol. 184: 115–28.
- Patel, R., 2008. *Stuffed and starved: markets, power and the hidden battle for the world's food system*. New Jersey: Melville House.
- Paustian, K. et al., 2016. Climate-smart soils. *Nature*, vol. 532 no. 7597: 49 DOI: 10.1038/nature17174
- Peacock, A.J., 1969. *Bradford Chartist*. York: St. Anthony's Press.
- Penn State University, 2016. Carbon dioxide stored underground can find multiple ways to escape. *ScienceDaily*, 11 February. [online] Available at: <[www.sciencedaily.com/releases/2016/02/160211185935.htm](http://www.sciencedaily.com/releases/2016/02/160211185935.htm)> [Accessed 1.8.16]
- Penrose, R., 2010. *Cycles of time*. London: The Bodley Head.
- Perelman, M., 1987. *Marx's crises theory – scarcity, labor and finance*. New York: Praeger.
- Phillips, S.L. and Wolfe, M.S., 2005. Evolutionary plant breeding for low input systems. *Journal of Agricultural Science*, vol. 143, 245–54.
- Pierce, F., 2015. Over a barrel. *New Scientist*, no. 3004, 17 January.
- Pierce, F., 2016. Hello, cool world. *New Scientist*, no. 3061, 20 February.
- Piff, P.K. et al., 2015. Awe, the small self, and prosocial behavior. *Journal of Personality and Social Psychology*, vol. 108 no. 6: 883 DOI: 10.1037/pspi0000018
- Pillot, J.-J. et al., 1979 [1840]. Premier banquet communiste le 1er juillet 1840. In: G.M. Bravo, ed. *Socialistes avant Marx*, Tome II. Paris: Maspero.
- Pinderhughes, R., 2004. *Alternative urban futures – planning for sustainable development in cities throughout the world*. Lanham MD: Rowman and Littlefield.
- Pinkerton, T. and Hopkins, R., 2009. *Local food: how to make it happen in your community*. Totnes: Transition Books.
- Plantagon, n.d. *Owners and founders*. [online] Available at: <<http://plantagon.com/about/governance/owners>> [Accessed 3.3.16]
- Polanyi, K., 1944. *The great transformation*. New York: Rinehart & Company.
- Polanyi, M., 1962. *The tacit dimension*. New York: Doubleday.
- Pontzer, H. et al., 2012. Hunter-gatherer energetics and human obesity. *PLoS ONE*, vol. 7 no. 7 e40503 DOI: 10.1371/journal.pone.0040503
- Potter, C. and Tilzey, M., 2005. Agricultural policy discourses in the European post-Fordist transition: neoliberalism, neomercantilism and multifunctionality. *Progress in Human Geography*, vol. 29 no. 5: 581–600.
- Pouvreau, D., 2009. *The dialectical tragedy of the concept of wholeness: Ludwig von Bertalanffy's biography revisited. Volume 1: Exploring unity through diversity*. New York: ISCE Publishing.
- Powers, S.M. et al., 2016. Long-term accumulation and transport of anthropogenic phosphorus in three river basins. *Nature Geoscience*, vol. 9 DOI: 10.1038/ngeo2693
- Prigogine, I., 2003. *Is future given?* Singapore: World Scientific.

- Prigogine, I. and Stengers, I., 1985. *Order out of chaos*. London: Flamingo.
- Prindle, A. et al., 2015. Ion channels enable electrical communication in bacterial communities. *Nature*, vol. 527 DOI: 10.1038/nature15709
- Purdue University, 2016. Market integration could help protect poor from climate-related food insecurity. *ScienceDaily*, 18 February. [online] Available at: <[www.sciencedaily.com/releases/2016/02/160218135036.htm](http://www.sciencedaily.com/releases/2016/02/160218135036.htm)> [Accessed 1.8.16]
- Putnam, H. et al., 2014. Coupling Agroecology and PAR to Identify Appropriate Food Security and Sovereignty Strategies in Indigenous Communities. *Agroecology and Sustainable Food Systems* 38, 2: 165–198.
- Quesnay, F., 1888. *Oeuvres économiques et philosophiques*. Frankfurt (Joseph Baer et cie) [online] Available at: <<http://gallica.bnf.fr/ark:/12148/bpt6k72832q/f6.image>> [Accessed 5.8.16]
- Rabagliati, M., 2014. *Solar Panel Making Workshop for Loughborough Residents*, blog post, 18 November. [online] Available at: <<https://brixtonenergy.co.uk/solar-panel-making-workshop-for-loughborough-residents/>> [Accessed 1.8.16]
- Redclift, M., 1987. Raised bed agriculture in pre-Columbian Central and South America – a traditional solution to the problem of “sustainable” farming systems. *Biological Agriculture and Horticulture*, vol. 5 no. 1: 51–9.
- Rees, W.E., 2010. Thinking resilience. In: R. Heinberg and D. Lerch, eds. *The post carbon reader: managing the 21st century's sustainability crises*. Healdsburg CA: Watershed Media.
- Reynolds, P.J., 1985. Carbonised seed, crop yield, weed infestation and harvesting techniques of the Iron Age. *Les techniques de conservation des grains à long terme 3.1* Paris: CNRS: 397–407.
- Reynolds, P.J. and Shaw, C.E., 1999. The third harvest of the first millennium AD in the Plana de Vic. *Actes del Congres Internacional Gilbert d'Orlhac i el seu temps : Catalunya i Europa a la fin del premier millenni*. Vic (Spain), Eumo Editorial, reproduced [online] Available at: <[http://www.butser.org.uk/iafhpa\\_16\\_hcc.html](http://www.butser.org.uk/iafhpa_16_hcc.html)> [Accessed 2.9.14]
- Reynolds, R., 2008. *On guerrilla gardening – a handbook for gardening without boundaries*. London: Bloomsbury.
- Ricardo, D., 1951. *On the principles of political economy and taxation – the works and correspondence of David Ricardo* ed. P. Sraffa, vol. I. Cambridge: Cambridge University Press.
- Richards, P., 1985. *Indigenous agricultural revolution – ecology and food production in West Africa*. London: Hutchinson.
- Roach, J., 2008. Superdirt made lost Amazon cities possible. *National Geographic News*, 19 November.
- Rodale Institute, 2014. *Regenerative organic agriculture and climate change*. [online] Available at: <[http://rodaleinstitute.org/assets/RegenOrgAgricultureAndClimateChange\\_20140418.pdf](http://rodaleinstitute.org/assets/RegenOrgAgricultureAndClimateChange_20140418.pdf)> [Accessed 2.4.13]
- Roederer, J.G., 2003. On the concept of information and its role in nature. *Entropy*, vol. 5 no. 1.
- Rosset, P., 1996. *Cuba: alternative agriculture during crisis*. Washington DC: World Resources Institute, September.
- Rostow, W.W., 1958. The take-off into self-sustained growth. In: A.N. Agarwala and S.P. Singh, eds. *The economics of underdevelopment*. Delhi: Oxford University Press. pp. 154–86.
- Sadler, R.C., 2016. Strengthening the core, improving access: bringing healthy food downtown via a farmers’ market move. *Applied Geography*, vol. 67: 119 DOI: 10.1016/j.apgeog.2015.12.010
- SAGE (Sustainable Agriculture Education), n.d. [online] Available at: <<http://www.sage-center.org/projects/new-ruralism-framework-foodshed-assessments-for-metro-regions/>> [Accessed 4.10.12].
- Salk Institute, 2015. Basic understanding of plants: cellular damage control system helps plants tough it out. *ScienceDaily*, 22 October. [online] Available at: <[www.sciencedaily.com/releases/2015/10/151022161120.htm](http://www.sciencedaily.com/releases/2015/10/151022161120.htm)> [Accessed 1.8.16]
- Sanjari, G. et al., 2008. Comparing the effects of continuous and time-controlled grazing systems on soil characteristics in Southeast Queensland. *Soil Research*, vol. 46 no. 4: 348–58.
- Scharf, C., 2012. *Gravity's engines – the other side of black holes*. London: Allen Lane.
- Scheffer, M. and Carpenter, S.R., 2003. Catastrophic regime shifts in ecosystems: linking theory to observation. *Trends in Ecology and Evolution*, vol. 18: 648–56.
- Schepman, T., 2015. Tomates sans eau ni pesticide : cette méthode fascine les biologistes, *L'Obs Rue 89*, March 4 [online] Available at: <<http://rue89.nouvelobs.com/2015/03/09/tomates-sans-eau-ni-pesticide-cette-methode-fascine-les-biologistes-257958>>

- Schmidt, M.J., 2013. Amazonian dark earths: pathways to sustainable development in tropical rainforests?. *Bol. Mus. Para. Emílio Goeldi. Cienc. Hum.*, Belém, vol. 8 no. 1: 11–38. [online] Available at: <<http://www.scielo.br/pdf/bgoeldi/v8n1/v8n1a02.pdf>> [Accessed 14.7.15]
- Schramski, J.R., Gattie, D.K. and Brown, J.H., 2015. Human domination of the biosphere: rapid discharge of the earth-space battery foretells the future of humankind. *Proceedings of the National Academy of Sciences*, vol. 112 no. 31: 9511–17.
- Schubert, C., 2013. How to evaluate creative destruction: reconstructing Schumpeter's approach. *Cambridge Journal of Economics*, vol. 37 no. 2. DOI: 10.1093/cje/bes055, published online: 22 January.
- Schumpeter, J., 1976 [1943]. *Capitalism, socialism and democracy*. 5th edition. London: George Allen & Unwin.
- Science China Press, 2015. Organic farming can reverse the agriculture ecosystem from a carbon source to a carbon sink. Press release 29 April. [online] Available at: <[http://www.eurekalert.org/pub\\_releases/2015-04/scp-ofc042915.php](http://www.eurekalert.org/pub_releases/2015-04/scp-ofc042915.php)> [Accessed 4.9.15]
- Science News, 2015. *Chemists devise technology that could transform solar energy storage*, 19 June. [online] Available at: <<http://www.sciencedaily.com/releases/2015/06/150619103601.htm>> [Accessed 1.8.16]
- SEER Centre, n.d. About SEER. [online] Available at: <<http://www.seercentre.org.uk/about-us/>> [Accessed 1.8.16]
- Self-Help Housing, n.d. [online] Available at: <<http://self-help-housing.org/case-studies/bonnington-square-london/>> [Accessed 4.10.12].
- Service, T., 2013. *A guide to Yannis Xenakis' music*. Guardian, blog post, 23 April. [online] Available at: <<http://www.theguardian.com/music/tomserviceblog/2013/apr/23/contemporary-music-guide-xenakis>> [Accessed 3.12.13]
- Seufferheld, M.J., 2015. Interview in *Science Daily*, 9 June. [online] Available at: <<http://www.sciencedaily.com/releases/2015/06/150609113909.htm>> [Accessed 1.8.16]
- Shames, C., 1981. The scientific humanism of Lucien Sèvè. *Science & Society*, vol. 45 no. 1 (Spring): 1–23.
- Shapira, M., 2016. Gut microbiotas and host evolution: scaling up symbiosis. *Trends in Ecology and Evolution*, vol. 31 no. 7 DOI: 10.1016/j.tree.2016.03.006
- Shedlock, M., 2016. World's first robot-run lettuce farm to produce 30,000 heads daily; tipping point for workerless agriculture, blog post, 28 January. [online] Available at: <<http://globaleconomicanalysis.blogspot.co.uk/2016/01/worlds-first-robot-run-lettuce-farm-to.html>> [Accessed 4.3.16]
- Shen, M. et al., 2015. Evaporative cooling over the Tibetan Plateau induced by vegetation growth. *Proceedings of the National Academy of Sciences*, vol. 112 no. 30: 9299.
- Shiva, V., 1988. *Staying alive – women, ecology and development*. London: Zed Books.
- Shuffield, R., 2006. *Thomas Sankara: the upright man*, feature film. [online] Available at: <<https://www.youtube.com/watch?v=xgD-jhBldIQ>> [Accessed 1.8.16]
- Slater, T., 2014. *The resilience of neoliberal urbanism*. Open Democracy posting, 28 January. [online] Available at: <<https://www.opendemocracy.net/opensecurity/tom-slater/resilience-of-neoliberal-urbanism>> [Accessed 15.5.15]
- Slow Food International, 2016. Indigenous voices. [online] Available at: <<http://www.slow-food.com/what-we-do/themes/indigenous/indigenous-voices/>> [Accessed 1.8.16]
- Smith, M.E., 1996. The Aztec silent majority. In A. G. Mastache de Escobar (ed.) *Arqueología Mesoamericana: homenaje a William T. Sanders*, vol. 1. pp. 375–86.
- Smolin, L., 2013. *Time reborn*. London: Allen Lane.
- Soil Association, n.d. Frequently asked questions. [online] Available at: <<http://www.soilassociation.org/frequentlyaskedquestions/smid/4313?key=conversion+period>> [Accessed 11.1.16]
- Solon, O., 2015. Bees put to work lugging pesticides to flowers. *New Scientist* No. 3045, 31 October: 13.
- Song, X. et al., 2014. Chinese Grain for Green program led to highly increased soil organic carbon levels: a meta-analysis. *Nature - Scientific Reports*, vol. 4, article number 4460 DOI:10.1038/srep04460. [online] Available at: <<http://www.nature.com/articles/srep04460>> [Accessed 1.8.16]
- Song, Y. et al., 2010. Interplant communication of tomato plants through underground common mycorrhizal networks. *PLoS ONE*, vol. 5 no.: e13324, 13 October.

- Steiner, C., 2009. Biochar carbon sequestration. In: T. Goreau, ed. *Green ThinDisc, an interactive multimedia book*. United Nations Commission on Sustainable Development Partnership in New Technologies for Small Island Developing States, prepared for COP15. Chapter 17.
- Strogatz, S., 2003. *Sync: the emerging science of spontaneous order*. London: Penguin.
- Stuart, K., 2015. Climate Hope City: how Minecraft can tell the story of climate change. *The Guardian*, blog post, 12 June [online] Available at: <[http://www.theguardian.com/environment/keep-it-in-the-ground-blog/2015/jun/12/climate-hope-city-how-minecraft-can-tell-the-story-of-climate-change?CMP=share\\_btn\\_fb](http://www.theguardian.com/environment/keep-it-in-the-ground-blog/2015/jun/12/climate-hope-city-how-minecraft-can-tell-the-story-of-climate-change?CMP=share_btn_fb)> [Accessed 1.8.16]
- Suliman, M., 1999. Conflict resolution among the Borana and the Fur – similar features, different outcomes. In: M. Suliman, ed. *Ecology, politics and violent conflict*. 1999. London: Zed.
- Sustain, 2014. *Reaping rewards: can communities grow a million meals for London?* [online] Available at: <[http://www.sustainweb.org/publications/?id=306&dm\\_i=8UC,2PW-4G,13QXAD,9X0AZ,1](http://www.sustainweb.org/publications/?id=306&dm_i=8UC,2PW-4G,13QXAD,9X0AZ,1)> [Accessed 4.10.15]
- Tao, L. et al., 2015. Disease ecology across soil boundaries: effects of below-ground fungi on above-ground host-parasite interactions. *Proceedings of the Royal Society B*, vol. 282 no. 1817, October DOI: 10.1098/rspb.2015.1993
- Taussig, M.T., 1980. *The devil and commodity fetishism in South America*. Chapel Hill: University of North Carolina Press.
- Taylor, L.L. et al., 2015. Enhanced weathering strategies for stabilizing climate and averting ocean acidification. *Nature Climate Change*. DOI: 10.1038/nclimate2882
- Tebaldi, C. et al., 2006. Going to the extremes – an intercomparison of model-simulated historical and future changes in extreme events. *Climatic Change*, vol. 79: 185–211.
- Tegmark, M., 2014. Solid. Liquid. Consciousness. *New Scientist*, 12 April: 28
- Terre et Humanisme, 2014. *Sur le terrain: Burkina Faso*. [online] Available at: <<http://terre-humanisme.org/sur-le-terrain/burkina-faso>> [Accessed 30.1.15]
- The Week, 2012 *Americans' ton-a-year eating habit: By the numbers*. [online] Available at: <<http://theweek.com/articles/479150/americans-tonayear-eating-habit-by-numbers>> [Accessed 1.8.16]
- Thelen, E., 1989. Self-organisation in developmental processes – can systems approaches work? In: M.R. Gunnar and E. Thelen, eds. *Systems and development: the Minnesota symposia on child psychology*, volume 22. New York: Psychology Press.
- Thirsk, J., 1997. *Alternative agriculture, a history: from the black death to the present day*. Oxford: Oxford University Press.
- Thompson, E., 1980. Notes on exterminism, the last stage of civilization. *New Left Review*, vol. I no. 121, May–June.
- Thorner, D., 1971. Peasant economy as a category in economic history. In: T. Shanin ed. *Peasants and peasant societies*. London: Penguin.
- Tian, H. et al., 2016. The terrestrial biosphere as a net source of greenhouse gases to the atmosphere. *Nature*, vol. 531 no. 7593: 225 DOI: 10.1038/nature16946
- Tiberius, V., 2011. Path dependence, path breaking, and path creation: a theoretical scaffolding for futures studies? *Journal of Futures Studies*, vol. 15 no. 4, June.
- Tierney, K., 2002. Strength of a city: a disaster research perspective on the world trade center attack. *10 Years after September 11* (a Social Science Research Council Essay Forum). [online] Available at: <<http://essays.ssrc.org/10yearsafter911/strength-of-a-city-a-disaster-research-perspective-on-the-world-trade-center-attack/>> [Accessed 7.8.16]
- Tomasello, M. et al., 2005. Understanding and sharing intentions: The origins of cultural cognition. *Behavioral And Brain Sciences*, vol. 28.
- Tomkins, M., 2014. *Making space for food: everyday community food gardening and its contribution to urban agriculture*, PhD, University of Brighton. [online] Available at: <<http://eprints.brighton.ac.uk/12919/1/Mikey%20Tomkins.pdf>> [Accessed 1.8.16]
- Tornaghi, C. and Van Dyck, B., 2014. Research-informed gardening activism: steering the public food and land agenda. *Local Environment*, (ahead-of-print): 1–18.
- Tulowiecki, S.J. and Larsen, C.S., 2015. Native American impacts on past forest composition inferred from species distribution models, Chautauqua County, NY. *Ecological Monographs*, 150519114917002 DOI: 10.1890/14-2259.1
- UCL (University College London), 2015. *Symposium: climate change: adaptation, resilience and risk*, 2 June.

- UK Government, 1998. *Select Committee on Environment, Transport and Regional Affairs fifth report; appendix II: modern allotments legislation*. [online] Available at: <<http://www.publications.parliament.uk/pa/cm199798/cmselect/cmenvtra/560/56002.htm>> [Accessed 1.8.16]
- UK Government, 2011. *Foresight. The future of food and farming: challenges and choices for global sustainability final project report*. London: The Government Office for Science.
- UNCTAD [United Nations Conference on Trade and Development], 2013. *Trade and environment review: make agriculture truly sustainable now for food security in a changing climate*. Geneva, UNCTAD/DIC/TED/2012/3. Available at: [http://unctad.org/en/PublicationsLibrary/dicted2012d3\\_en.pdf](http://unctad.org/en/PublicationsLibrary/dicted2012d3_en.pdf). [Accessed 1.8.16]
- Uncube magazine, 2014. *The urban commons*. 3 April. [online] Available at: <<http://www.uncubemagazine.com/magazine-20-12467995.html#/page1>> [Accessed 11.2.15]
- University of California – San Diego, 2015. New era in robotics: 3-D-printed robot is hard at heart, soft on the outside: first of its kind robot is inspired by nature, capable of multiple jumps. *ScienceDaily*, 9 July.
- University of Iowa, 2015. Local food movement rooted in relationships and values. *ScienceDaily*, 22 August.
- University of Michigan, 2016. More ancient viruses lurk in our DNA than we thought. *ScienceDaily*, 22 March.
- University of Wageningen, 2014. *Terra preta do Indio: Recovering the past, regaining the future of Amazonian dark earths*, research project [online] Available at: <<https://www.wageningenur.nl/en/show/terra-preta-do-indio.htm>> [Accessed 1.8.16]
- University of Washington, 2015. Plants make big decisions with microscopic cellular competition. *ScienceDaily*, 18 June. [online] Available at: <[www.sciencedaily.com/releases/2015/06/150618104159.htm](http://www.sciencedaily.com/releases/2015/06/150618104159.htm)> [Accessed 1.3.16]
- University of Wisconsin-Madison, 2015. Mycologist says our close relatives break the bounds of biology. *ScienceDaily*, 26 October. [online] Available at: <[www.sciencedaily.com/releases/2015/10/151026181713.htm](http://www.sciencedaily.com/releases/2015/10/151026181713.htm)> [Accessed 6.11.15]
- Urban Gardening Manifest, 2014. *Die Stadt ist Unser Garten*. [online] Available at: <<http://urbangardeningmanifest.de/>> [Accessed 1.8.16]
- Vaidya, N. et al., 2012. Spontaneous network formation among cooperative RNA replicators. *Nature*, vol. 491(7422), 1 November 72–7. DOI: 10.1038/nature11549. Epub 2012 Oct 17.
- van der Heijden, M.G. et al., 2008. The unseen majority: soil microbes as drivers of plant diversity and productivity in terrestrial ecosystems. *Ecology Letters*, vol. 11: 296–310 DOI: 10.1111/j.1461-0248.2007.01139.x
- van der Velden, N., 2015. *Biodiversity, productivity and scale in resilient food production systems*, presentation, International Permaculture Conference 2015, London, 9 September.
- van Groenigen, K.J. et al., 2014. Faster decomposition under increased atmospheric CO<sub>2</sub> limits soil carbon storage. *Science*, vol. 344 no. 6183 DOI: 10.1126/science.1249534
- van Meter, K. et al., 2016. The nitrogen legacy: emerging evidence of nitrogen accumulation in anthropogenic landscapes. *Environmental Research Letters*, vol. 11 no: 035014 DOI: 10.1088/1748-9326/11/3/035014
- Vassallo, C. et al., 2015. Cell rejuvenation and social behaviors promoted by LPS exchange in myxobacteria. *Proceedings of the National Academy of Sciences*; 201503553 DOI: 10.1073/pnas.1503553112
- Vattel, E. de., 1972 [1758]. *The law of nations*, reprinted in P.D. Curtin ed., *Imperialism*. London: Macmillan.
- Vila-Viñas, D. and Barandiaran, X., 2015. The FLOK doctrine. *The Journal of Peer Production*, no. (July).
- von Liebig, J., 1844. *Familiar letters on chemistry*, Letter XI. [online] Available at: <<https://ia902604.us.archive.org/29/items/familiarletterso04524gut/chmlt10.txt>> [Accessed 1.8.16]
- von Tunzelmann, N., 2003. Historical coevolution of governance and technology in the industrial revolutions. *Structural Change and Economic Dynamics*, vol. 14: 365–84.
- Walker, J., *Obituary of Colin Ward*. [online] Available at: <<http://reason.com/blog/2010/02/17/colin-ward-rip> Accessed October 2011> [Accessed 18.11.11]
- Wall, D., 2015. Interview in *Science Daily*, 21 May. [online] Available at: <[www.sciencedaily.com/releases/2015/05/150521133738.htm](http://www.sciencedaily.com/releases/2015/05/150521133738.htm)> [Accessed 1.8.16]

- Wallace, R., 2015. *Is consciousness inherently unstable? An iterated Data Rate Theorem model of high metabolic demand in neural tissues*, 19 July. [online] Available at: <<https://peerj.com/preprints/1236.pdf>> [Accessed 15.11.15]
- Wan, P.Y., 2013. Dialectics, complexity, and the systemic approach toward a critical reconciliation. *Philosophy of the Social Sciences*, vol. 43 no.4 (December): 411–52.
- Wang, Y. et al., 2011. Long-term impact of farming practices on soil organic carbon and nitrogen pools and microbial biomass and activity. *Soil and Tillage Research*, vol. 117: 8–16.
- Ward, C., 1973. *Anarchy in action*. London: George Allen and Unwin.
- Weitling, W., 1979 [1838]. L'humanité telle qu'elle est et telle qu'elle devrait être. In: G.M. Bravo, ed. *Les Socialistes avant Marx*, Tome II. Paris: Maspero.
- Welch, R.M. and Graham, R.D., 1999. A new paradigm for world agriculture meeting human needs: productive, sustainable, nutritious. *Field Crops Research*, vol. 60: 1–10.
- Wharton, C., 2016. Food hubs – A new opportunity for local food systems. In: R. Phillips and C. Wharton, eds. *Local food systems and community development*. Abingdon: Routledge.
- Whitefield, P., 2004. *The Earth care manual: a permaculture handbook for Britain and other temperate climates*. East Meon, Hampshire: Permanent Publications.
- Wilkes, M., 2014. *The gardens of the British working class*. New Haven CT: Yale University Press.
- Williams, W.L., 1992. *The spirit and the flesh: sexual diversity in American Indian culture*. Boston MA: Beacon Press.
- Wilson, A., 2009. Growing food locally: integrating agriculture into the built environment. *Environmental Building News*, vol. 18 no 2.
- Winn, S., 2009. A paradise built in hell – the extraordinary communities that arise in disaster by Rebecca Solnit (book review), *San Francisco Chronicle*, 23 August.
- Winstanley, G. et al., 1983 [1649]. The true Levellers' standard advanced: or, the state of community opened, and presented to the sons of men. In: G. Winstanley, *The Law of Freedom and other Writings* (ed. Christopher Hill). Cambridge: Cambridge University Press.
- Wiskerke, J.C., 2015. Urban food systems. In: H. de Zeeuw and P. Drechsel, eds. *Cities and agriculture – developing resilient urban food systems*. London: Earthscan.
- World People's Conference on Climate Change and the Rights of Mother Earth, 2010. *People's agreement of Cochabamba*. 20 April. [online] Available at: <<http://pwccc.wordpress.com/2010/04/24/people-s-agreement/>> [Accessed 1.8.16]
- Wright, E.O., 2010. *Envisioning real utopias*. London: Verso.
- Wright, J., 2012. The little-studied success story of post-crisis food security in Cuba: does lack of international interest signify lack of political will? *International Journal of Cuban Studies*, vol. 4 no. 2: 130–53.
- Xenakis, I., 1955. *Metastasis*: orchestral composition. [online] Available at: <<http://www.youtube.com/watch?v=SZazYFchLRI>> [Accessed 1.10.15]
- Yau, S.-T., 2010. *The shape of inner space – string theory and the geometry of the universe's hidden dimensions*. New York: Basic Books.
- Zelem, M.C., 1991. L'évolution des techniques fromagères dans le Cantal, France du XVIII au XIX Siècle. In: G. Dupré ed. *Savoirs paysans et développement*. Paris: Karthala/Orstom.
- Zhang, W.-F. et al., 2013. New technologies reduce greenhouse gas emissions from nitrogenous fertilizer in China. *Proceedings of the National Academy of Sciences*, vol. 110 no. 21 (May): 8375–80. Published online 13 May 2013. DOI: 10.1073/pnas.1210447110
- Zhu, Z. et al., 2016. Greening of the Earth and its drivers. *Nature Climate Change*. DOI: 10.1038/nclimate3004
- Zimet, A., 2012. *Guerrilla grafters: undoing civilization one fruitless branch at a time*. [online] Available at: <<http://www.commondreams.org/further/2012/04/10-0>> [Accessed 14.6.12]
- Ziska, L. et al., 2016. Food safety, nutrition, and distribution. In U.S. Global Change Research Program, *The impacts of climate change on human health in the United States: a scientific assessment*. Washington DC. pp. 189–216. [online] Available at: <<http://dx.doi.org/10.7930/J0ZP4417>> [Accessed 1.8.16]
- Zocco, M., 2015. Ron Finley's latest South LA garden grows renewed community interest in fresh foods. *Intersections South LA*, 20 July. [online] Available at: <<http://intersectionsouthla.org/story/ron-finleys-latest-south-la-garden-grows-renewed-community-interest-in-fresh-foods/>> [Accessed 4.12.15]
- Zwick, M., 1983. *Incompleteness, negation, hazard: on the precariousness of systems*. Discussion paper. Portland OR: Portland State University.