

Publications November 2023

Monographs

- Hanson, J. W., (2016), *An Urban Geography of the Roman World, 100 BC to AD 300*, (Oxford: Archaeopress).

Articles

- Hanson, J. W., (in press), 'Relating scale and heterogeneity: Residuals, scale-adjusted metropolitan indicators, and Roman cities', *Journal of Urban Archaeology*.
- Ortman, S. G., and Hanson, J. W., (in press), 'Estimating the 'missing' houses of Silchester', *Britannia*.
- Hanson, J. W., (2023), 'Scaling in Pompeii: Preliminary evidence for the occurrence of scaling phenomena within an ancient built environment', *Journal of Archaeological Method and Theory*.
- Hanson, J. W., (2022), 'Urban scalograms: An experiment in scaling, emergence, and Greek and Roman urban form', *Journal of Urban Archaeology*, 5: 65-80.
- Altaweel, M., Hanson, J. W., and Squitieri, A., (2021), 'The structure, centrality, and scale of urban street networks: Cases from Pre-Industrial Afro-Eurasia', *PLoS One*, 16(11): 1-23.
- Hanson, J. W., (2021), 'Cities, information, and the epigraphic habit: Re-evaluating the links between the numbers of inscriptions and the sizes of sites', *Journal of Urban Archaeology*, 4: 137-52.
- Hanson, J. W., and Ortman, S. G., (2020), 'Reassessing the capacities of entertainment structures in the Roman Empire', *American Journal of Archaeology*, 124(3): 417-40.
- Hanson, J. W., (2020), 'Using city gates as a means of estimating ancient traffic flows', *PLoS One*, 15(2): 1-19.
- Brughmans, T., et al., (2019), 'Formal modelling approaches to complexity science in Roman studies: A manifesto', *Theoretical Roman Archaeology Journal*, 2(1.4): 1-19.
- Hanson, J. W., Ortman, S. G., Bettencourt, L. M. A., and Mazur, L. C., (2019), 'Urban form, infrastructure, and spatial organization in the Roman Empire', *Antiquity*, 93(369): 702-18.
- Hanson, J. W., Ortman, S. G., and Lobo, J., (2017), 'Urbanism and the division of labour in the Roman Empire', *Journal of the Royal Society Interface*, 14: 1-24.
- Hanson, J. W., and Ortman, S. G., (2017), 'A systematic method for estimating the populations of Greek and Roman settlements', *Journal of Roman Archaeology*, 30: 301-24.

Edited collections

- Fulminante, F., Hanson, J. W., Ortman, S. G., and Bettencourt, L. M. A., (eds), (2019), *Where do cities come from and where are they going to? Modelling past and present agglomerations to understand urban ways of life*, *Frontiers in Digital Archaeology*, 6.

Chapters in edited volumes

- Hanson, J. W., (2022), 'New approaches to the urban population and urbanization rate of the Roman Empire, AD 1 to 200', in Lavan, M., Jew, D., and Danon, B., (eds), *The Uncertain Past*, (Cambridge: Cambridge University Press), 271-96.
- Hanson, J. W., and Brughmans, T., (2022), 'Settlement scale and economic networks in the Roman Empire', in Brughmans, T., and Wilson, A. I., (eds), *Simulating Roman Economies: Theories, methods, and computational models*, (Oxford: Oxford University Press), 109-43.
- Hanson, J. W., (2011), 'The urban system of Roman Asia Minor and wider connectivity', in Bowman, A. K., and Wilson, A. I., (eds), (2011), *Settlement, Urbanization, and Population*, *Oxford Studies on the Roman Economy*, (Oxford: Oxford University Press): 229-75.

Handbook entries

- Hanson, J. W., (2021), 'Sizing up Roman urbanism', in Rozenblat, C., and Neal, Z., (eds), (2021), *Handbook on Cities and Networks*, (London: Edward Elgar): 88-106.

Reviews

- Hanson, J. W., (2017), 'Review of Flohr, M., and Wilson, A., *The Economy of Pompeii*, *Oxford Studies on the Roman Economy*, (Oxford University Press)', *Economic History Review*, 70 (4): 1455-6.
- Hanson, J. W., (2017), 'Review of Wilson, A., and Flohr, M., *Urban Craftsmen and Traders in the Roman World*, *Oxford Studies on the Roman Economy*, (Oxford University Press)', *Economic History Review*, 70 (1): 343-4.

Datasets

- Hanson, J. W., (2016), *Cities database*, <http://oxrep.classics.ox.ac.uk/databases/cities/>.