

Iza Romanowska

Selected Publication

Textbook in Archaeological ABM

Peer-Reviewed Papers

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- PHD: **Modelling hominin dispersals with agent-based modelling.** University of Southampton. 2017. <https://eprints.soton.ac.uk/420372/>
- MPhil Thesis: **Playing hide and seek with the European Lower Palaeolithic. A critical re-evaluation of the spatial distribution of sites in Central and Eastern Europe.** University of Southampton. 2012. <https://eprints.soton.ac.uk/374736/>
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Romanowska, I., Wren, C., Crabtree, S. *accepted*. "Agent-based Modelling for Archaeologists" Santa Fe Institute Press.

Romanowska, I., S. A. Crabtree, K. Harris, and B. Davies. 2019. "Agent-Based Modeling for Archaeologists: Part 1 of 3." *Advances in Archaeological Practice* 7 (2): 178–84. <https://doi.org/10.1017/aap.2019.6> "Combining Geographic Information Systems and Agent-Based Models in Archaeology: Part 2 of 3." *Advances in Archaeological Practice* 7 (2): 185–93. <https://doi.org/10.1017/aap.2019.5> "Outreach in Archaeology with Agent-Based Modeling: Part 3 of 3." *Advances in Archaeological Practice* 7 (2): 194–202. <https://doi.org/10.1017/aap.2019.4>

Brughmans, T., Hanson, J.W., Mandich, M.J., Romanowska, I., et al. 2019. "Formal Modelling Approaches to Complexity Science in Roman Studies: A Manifesto." *Theoretical Roman Archaeology Journal*, 2(1), p.4. DOI: <http://doi.org/10.16995/traj.367>

Scherjon, F., Romanowska, I. and Lambers, K. 2019. "Digitally Teaching Digital Skills: Lessons Drawn from a Small Private Online Course (SPOC) on 'Modelling and Simulation in Archaeology' at Leiden University." *Journal of Computer Applications in Archaeology* 2(1): 79–88. DOI: <https://doi.org/10.5334/jcaa.26>

Romanowska, I., C. Gamble, S. Bullock, and F. Sturt. 2017. "Dispersal and the Movius Line: Testing the effect of dispersal on population density through simulation." *Quaternary International* 431, 53-63. <https://doi.org/10.1016/j.quaint.2016.01.016>

Marwick, B., et al. 2017. "Open Science in Archaeology." *The SAA Archaeological Record* 17 (4): 8–14. <https://doi.org/10.7183/2326-3768.4.1.41>

Romanowska, I. 2015. "So you think you can model. A guide to building and evaluating archaeological simulation models of dispersals." *Human Biology* 87 (3): 169-192. http://digitalcommons.wayne.edu/humbiol_preprints/79/

Romanowska, I., T. Brughmans, A. Lichtenberger, R. Raja. 2018. "Urban networks seen through ceramics: Formal modelling approaches to pottery distribution in Jerash." In: *Urban Network Evolutions. Towards a high-definition archaeology*, edited by R. Raja and S. M. Sindbæk, 131-138. Aarhus: Aarhus University Press.

Romanowska, I., 2018. "Using agent-based modelling to infer economic processes in the past." In: *Cuantificar las economías antiguas. Problemas y métodos*. Eds. J. Remesal Rodríguez, V. Revilla Calvo and J.M. Lorenzo, 107-117. Universitat de Barcelona.

Zhou, M., Romanowska, I., Wu, Z., Xu, P., Verhagen, P. (eds). 2012. *Revive the Past. Computer Applications and Quantitative Methods in Archaeology (CAA). Proceedings of the 39th International Conference, Beijing, April 12-16*. Amsterdam: Pallas Publications.

Book chapters and edited volumes

