

Theory & Backgrounds & Ways of Thinking

Bruno David, Julian Thomas 2008/2016 Handbook of Landscape Archaeology. New York: Routledge. <https://doi.org/10.4324/9781315427737>

DeMarrais, E. 2012. The materialization of culture. In E. DeMarrais, C. Gosden, & C. Renfrew (Eds.), *Rethinking materiality* (pp. 11–22). Cambridge: McDonald Institute.

Denham, T. 2022. (Definition of) Landscape archaeology. *Encyclopedia of Geoarchaeology*, Springer. https://link.springer.com/content/pdf/10.1007/978-3-030-44600-0_168-1.pdf

Kohler, T. A., & van der Leeuw, S. (Eds.). 2007. *Model-based archaeology of socio-natural systems*. Santa Fe: School of Advanced Research.

Forte, M. 2008. Virtual archaeology: Communication in 3D archaeological thinking. In B. D. Entangled

Frischer & A. Dakouri-Hild (Eds.), *Beyond illustration: 2D and 3D digital technologies as tools for discovery in archaeology*. BAR International Series 1805 (pp. 75–119). Oxford: Archaeopress.

Hermon, S. 2008. Reasoning in 3D: A critical appraisal of the role of 3D modelling and virtual reconstructions in archaeology. In B. D. Frischer & A. Dakouri-Hild (Eds.), *Beyond illustration: 2D and 3D digital technologies as tools for discovery in archaeology*. BAR International Series 1805 (pp.36–45). Oxford: Archaeopress.

Helskog, K. 1999. The shore connection: Cognitive landscape and communication with rock carvings in northernmost Europe. *Norwegian Archaeological Review*, 32(2), 73–94.

Hodder, I. 2019. *An Archaeology of the Relationships Between Humans and Things*. John Wiley & Sons.

Ingold, T. 2019. The North is everywhere. Knowing from the Indigenous North. Eriksen, T. H., Valkonen, S., Valkonen, J. (eds.). Routledge, pp. 108-119.

Johnsen, H., & Olsen, B. (1992). Hermeneutics and archaeology: On the philosophy of contextual archaeology. *American Antiquity*, 57(3), 419–436. <https://doi.org/10.2307/280931>

Mills, P. & Rajala, U. 2017 *Forms of Dwelling : 20 years of Taskscapes in archaeology*. Oxford: Oxbow Books. <https://www.jstor.org/stable/j.ctt1kw29bw>

Richards-Rissetto, H. What can GIS + 3D mean for landscape archaeology?, *Journal of Archaeological Science*; 84: 10-21. <https://doi.org/10.1016/j.jas.2017.05.005>

Examples of How Landscape Archaeology and/or Cultural Astronomy informs us about the placement or use of monuments or life-ways

Boutsikas, E. 2019. The Contribution of “Total Environment” Reconstructions in Interpreting Ancient Greek Experience of Ritual Spaces, *Open Archaeology*. De Gruyter, pp. 540-552. <https://doi.org/10.1515/opar-2019-0033>

Boutsikas, E. 2015. Landscape and the Cosmos in the Apolline Rites of Delphi, Delos and Dreros', in Käppel, L. and Pothou, V. (eds) *Human Development in Sacred Landscapes. Between Ritual Tradition, Creativity and Emotionality*. Goettingen: V&R Unipress, pp. 77-102. <https://doi.org/10.14220/9783737002523.77>

Boutsikas, E. (2007 'The Orientation of Greek Temples: A Statistical Analysis', in Pasztor, E.(ed.) *Archaeoastronomy in Archaeology and Ethnography. Papers from the Annual Meeting of SEAC (European Society for Astronomy in Culture) held in Kecskemet in Hungary in 2004*. Oxford: Archaeopress, pp. 19-24. Links to Boutsikas's papers can be found at: <https://www.kent.ac.uk/classics-archaeology/people/1750/boutsikas-fsa-efrosyni#publications>

Bradley, R., & Nimura, C. 2013. The earth, the sky and the water's edge: Changing beliefs in the earlier prehistory of Northern Europe. *World Archaeology*, 45(1), 12–26. <https://doi.org/10.1080/00438243.2012.759515>

Bradley, R. (Ed.). 2005. *The Moon and the bonfire: An investigation of three stone circles in Northeast Scotland*. Edinburgh: Society of Antiquaries of Scotland.

Bradley, R. 2013. *An archaeology of natural places*. London and New York: Routledge.

Bradley, R. J. 1991. Ritual, time and history. *World Archaeology*, 23, 209–219.

Carrero-Pazos, M. 2018. Beyond the scale. Building formal approaches for the study of spatial patterns in Galician mounds (NW Iberian Peninsula). *Journal of Archaeological Science: Reports*, 19: 538-551. <https://doi.org/10.1016/j.jasrep.2018.03.026>

Dal Zolfo, C. & González-García, C. 2018. Paths of the spirits: NW-SE oriented rows of cairns in Altai Mountains, Mongolia. *Mediterranean Archaeology and Archaeometry*, Vol. 18, No 4, pp.399-407. DOI: 10.5281/zenodo.1472292

Dowd, A. S., & Milbrath, S. (Eds.). 2015. *Cosmology, calendars, and horizon-based astronomy in ancient Mesoamerica*. Boulder: University Press of Colorado.

Farrington, I. 2013. *Cusco. Urbanism and archaeology in the Inka world*. Ancient cities of the New World Series. Gainesville: University Press of Florida

González-García, A.C., Vilas-Estévez, B., López-Romero, E. & Mañana, P., Borrazás, 2019. Domesticating Light and Shadows in the Neolithic: The Dombate Passage Grave (A Coruña, Spain). *Cambridge Archaeological Journal* 29(2), 327–343.

González-García, A. C. 2021. Light and Shadow Effects in Megalithic Monuments in the Iberian Peninsula. In Costas Papadopoulos and Holley Moyes (Eds), *The Oxford Handbook of Light in Archaeology*. <https://doi.org/10.1093/oxfordhb/9780198788218.013.6>

Harding, J., Johnson, B., & Goodrick, G. 2006. Neolithic cosmology and the monument complex of Thornborough, North Yorkshire. *Archaeoastronomy: Journal of Astronomy in Culture*, 20, 28–53.

Higginbottom, G., González García, A.C., Carrero-Pazos, M. & Vilas-Estévez, B. 2022. "Landscapes of the 'Coast of the Dead': dolmen topographies of NW Iberia" *Science & Technology of Archaeological Research*. <https://doi.org/10.1080/20548923.2022.2078029>

Higginbottom, G., & Mom, V. 2020. Illuminating time: The visibility of temporality in prehistory. In C. Papadopoulos & H. Moyes (Eds.), *The Oxford handbook of light in archaeology*. Oxford:Oxford University Press.

Lozano, A., Ruiz-Puertas, G., Hódar-Correa, M., Pérez-Varela, F. & Morgado, F. 2014. Prehistoric engineering and astronomy of the great Menga Dolmen (Málaga, Spain). A geometric and geoarchaeological analysis. *Journal of Archaeological Science*. 41, 759– 71.

Ruggles, C. and Burl, A. 1985. "A new study of the Aberdeenshire Recumbent Stone Circles, 2: Interpretation", *Archaeoastronomy* no. 8: S25-60.

Mörner, N.-A. 2012. Strict solar alignment of Bronze Age rock carvings in SE Sweden. *Journal of Archaeological Science*, 39, 3301–3305. <https://doi.org/10.1016/j.jas.2012.05.027>

Mörner, N.-A. 2015. Ales stones in SE Sweden: A solar calendar from the Late Bronze Age. *Journal of Archaeological Science Reports*, 2, 437–448. <https://doi.org/10.1016/j.jas.2012.05.027>

Mendez, A., Karasik, C., Barnhart, E. L., & Powell, C. 2014. The astronomical architecture of Palenque's Temple of the Sun. In G. Aldana y Villalobos & E. L. Barnhart (Eds.), *Archaeoastronomy and the Maya* (pp. 57–76). Oxford: Oxbow.

Romain, W.F. 2017 The archaeoastronomy and feng shui of Xanadu: Kublai Khan's imperial Mongolian capital, *Time and Mind*, 10:2, 145-174, <https://doi.org/10.1080/1751696X.2017.1310567>

Urrutia-Aparicio, M., González-García, A. C., & Belmonte, J. A . 2021. Ad orientem: The Romanesque churches of the French Way in the kingdoms of Castilla y León from the perspective of Cultural Astronomy. *Archeology Of Architecture*, 18: e122. <https://doi.org/10.3989/arq.arqt.2021.014>

Methods Used in Landscape Archaeology and Archaeoastronomy with Monuments

Boutsikas, E., McCluskey, S. C. and Steele, J. (eds) 2021. *Advancing Cultural Astronomy: Studies in Honour of Clive Ruggles*. New York: Springer. Available at: <https://www.springer.com/gp/book/9783030646059>.

Burl, A. 1981. By the light of the cinerary Moon: Chambered tombs and the astronomy of death. In C. L. N. Ruggles & A. W. R. Whittle (Eds.), *Astronomy and society in Britain during the period 4000–1500 BC*. BAR British Series 88 (pp. 243–274). Oxford: British Archaeological Reports.

Burl, A. 1982. Pi in the sky. In D. C. Heggie (Ed.), *Archaeoastronomy in the Old World* (pp.141–169).

Carrero-Pazos, M., J. Bustelo-Abuín, V. Barbeito-Pose, and C. Rodríguez Rellán. 2020. Locational Preferences and Spatial Arrangement in the Barrow Landscape of Serra do Barbanza (North-Western Iberia). *Journal of Archaeological Science: Reports* 31. [Journal of Archaeological Science: Reports | Vol 31, June 2020 | ScienceDirect.com by Elsevier](#).

Higginbottom, G. 2020 The World Ends Here, the World Begins Here: Bronze Age Megalithic Monuments in Western Scotland. *Journal of World Prehistory* 33:25–134 <https://doi.org/10.1007/s10963-020-09139-z> For Reviews on Thoms and Ruggles work in the past (predigital age)

Iwaniszewski, . "Archaeoastronomy in traditional areas of Eurasia: a review paper", *Archaeoastronomy: The Journal of Astronomy in Culture*, 14(2)(1999), 87-127.

Müller, J. 2014. 4100–2700 BC: Monuments and ideologies in the Neolithic landscape. In J. F. Osborne (Ed.), *Approaching monumentality in archaeology* (pp. 181–217). Albany: University of New York Press.

McFadyen, L. (2008). Building and architecture as landscape practise. In B. David & J. Thomas (Eds.), *Handbook of landscape archaeology* (pp. 307–314). Walnut Creek: Left Coast Press.

Prendergast, F. 2016. Interpreting megalithic tomb orientation and siting within broader cultural contexts. *Journal of Physics: Conference Series*, Volume 685, Modern Archaeoastronomy: From Material Culture to Cosmology 23 June 2014, Portsmouth, UK. [Interpreting megalithic tomb orientation and siting within broader cultural contexts - IOPscience](#)

Ruggles, C. L. N. 1984 *Megalithic Astronomy: A New Archaeological and Statistical Study of 300 Western Scottish Sites*. British Archaeological Reports, Oxford: Archaeopress, Vol. 123.

Silva, F. 2014. A tomb with a view: new methods for bridging the gap between land and sky in megalithic archaeology. *Advances in Archaeological Practice* 2(1), 24–37.

Zotti, G., Hoffmann, S. M., Wolf, A., Chéreau, F., & Chéreau, G. (2021). The Simulated Sky: Stellarium for Cultural Astronomy Research. *Journal of Skyscape Archaeology*, 6(2), 221–258. <https://doi.org/10.1558/jsa.17822>

On the advantages of using groups of similar monuments, see especially - "Science or symbolism: problems of archaeo-astronomy", *Antiquity* 54 (1980), 191-200 and Burl, *Antiquity* 54 (1980), 191-200 AND Burl "'By the light of the cinerary moon': Chambered tombs and the astronomy of death", in *Astronomy and Society*.