

ARCHAEOLOGICAL EXCAVATION

WEEKLY READING ASSIGNMENTS WEEKS 5-8

WEEK #5: GIS IN ARCHAEOLOGY: A PRACTICUM (PART I)

CORE READING

1. J. Conolly and M. Lake. 2006. Geographical Information Systems in Archaeology, Cambridge: Cambridge University Press.
 - “Chapter 1: Introduction and Theoretical Issues in Archaeological GIS” (pp. 1–10)
2. P.G. Dorrell. 1994. Photography in Archaeology and Conservation (2nd edition), Cambridge: Cambridge University Press.
 - “Chapter 2: Basic Principles and Practice” (pp. 8–19)

DISCUSSION READING

1. M. Shanks. 2012. “Photography and Archaeology.” In The Cultural Life of Images, edited by B.L. Molyneaux, 73–107, New York: Routledge.
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WEEK #6: FIELD DOCUMENTATION: PHOTOGRAPHY AND PHOTOGRAMMETRY

CORE READING

1. G.D.R. Sanders, S.A. James, and A.C. Johnson. 2017. Corinth Excavations: Archaeological Manual, Grand Forks: Digital Press at the University of North Dakota.
 - “Chapter 3: Formation Processes and Excavation of Specific Contexts” (pp. 23–34)
2. J. Conolly and M. Lake. 2006. Geographical Information Systems in Archaeology, Cambridge: Cambridge University Press.
 - “Chapter 2: First Principles” (pp. 11–32)

DISCUSSION READING

1. M. Brouwer Burg. 2017. “It Must Be Right, GIS Told Me So! Questioning the Infallibility of GIS as a Methodological Tool,” Journal of Archaeological Science 84: 115–120.
2. Review of the GIS exercises from Week #5.

WEEK #7: GIS IN ARCHAEOLOGY: A PRACTICUM (PART II)

CORE READING

1. J. Conolly and M. Lake. 2006. Geographical Information Systems in Archaeology, Cambridge: Cambridge University Press.
 - “Chapter 12: Maps and Digital Cartography” (pp. 263–279)

DISCUSSION READING

1. Review of the GIS exercises from Week #7.
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WEEK #8: DATABASE CONSTRUCTION (A GIS PRACTICUM, PART III)

CORE READING

1. J. Conolly and M. Lake. 2006. Geographical Information Systems in Archaeology, Cambridge: Cambridge University Press.
 - “Chapter 4: The Geodatabase” (pp. 51–60)
2. D. Wheatley and M. Gillings. 2002. Spatial Technology and Archaeology: The Archaeological Applications of GIS, London: Taylor & Francis.
 - “Chapter 2: The Spatial Database” (pp. 23–58)

DISCUSSION READING

1. TO BE ANNOUNCED