



Geographical Information Systems in Archaeology

By James Conolly, Mark Lake

Cambridge University Press. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Geographical Information Systems in Archaeology, James Conolly, Mark Lake, Geographical Information Systems has moved from the domain of the computer specialist into the wider archaeological community, providing it with an exciting new research method. This clearly written but rigorous book provides a comprehensive guide to that use. Topics covered include: the theoretical context and the basics of GIS; data acquisition including database design; interpolation of elevation models; exploratory data analysis including spatial queries; statistical spatial analysis; map algebra; spatial operations including the calculation of slope and aspect, filtering and erosion modeling; methods for analysing regions; visibility analysis; network analysis including hydrological modeling; the production of high quality output for paper and electronic publication; and the use and production of metadata. Offering an extensive range of archaeological examples, it is an invaluable source of practical information for all archaeologists, whether engaged in cultural resource management or academic research. This is essential reading for both the novice and the advanced user.



[READ ONLINE](#)
[2.96 MB]

Reviews

The publication is great and fantastic. It can be filled with knowledge and wisdom You wont truly feel monotony at at any moment of your time (that's what catalogues are for about if you ask me).

-- **Dr. Marcos Grimes III**

This is basically the best pdf i have read through until now. It is filled with knowledge and wisdom I am easily can get a enjoyment of studying a created book.

-- **Dr. Carmine Hayes MD**