Landscape Archaeology between Art and Science

Guttmann-Bond, Erika, Kluiving, Sjoerd J.

Published by Amsterdam University Press

Guttmann-Bond, Erika and Sjoerd J. Kluiving. Landscape Archaeology between Art and Science: From a Multi- to an Interdisciplinary Approach.

Amsterdam University Press, 2012.
Project MUSE. muse.jhu.edu/book/66303.

For additional information about this book
https://muse.jhu.edu/book/66303

For content related to this chapter
https://muse.jhu.edu/related_content?type=book&id=2320948
Contents

9  Preface

11  INTRODUCTION
LAC2010: First International Landscape Archaeology Conference
Sjoerd Kluiving, Erika Guttmann-Bond

THEME 1  HOW DID LANDSCAPE CHANGE?

33  1.1 Cultural Landscapes of Seusamora in Eastern Georgia
  Irina Demetradze, Guram Kipiani

45  1.2 Irrigation and landscape: An interdisciplinary approach
  Maurits Ertsen

59  1.3 Principles of preservation and recalling of memory traces in an industrial landscape:
  A case study of decayed monument recreation in the brown-coal mining area of Bílina, Czech Republic
  Tomáš Hájek, Barbora Matáková, Kristina Langarová, Ondřej Přerovský

71  1.4 Cultural forces in the creation of landscapes of south-eastern Rhodope:
  Evolution of the Byzantine monastic landscape
  Maria Kampa, I. Ispikoudis

81  1.5 The change analysis of the green spaces of the Historical Peninsula in Istanbul, Turkey
  Nilüfer Kart Aktaş

97  1.6 The evolution of an agrarian landscape. Methodological proposals for the archaeological study of the alluvial plain of Medellín (Guadiana basin, Spain)
  Victorino Mayoral, Francisco Borja Barrera, César Borja Barrera, José Ángel Martínez del Pozo, Maite de Tena

115  1.7 Talking ruins: The legacy of baroque garden design in Manor Parks of Estonia
  Sulev Nurme, Nele Nutt, Mart Hiobb, Daniel Baldwin Hess

127  1.8 Configuring the landscape: Roman mining in the conventus Asturum (NW Hispania)
137
1.9 English town commons and changing landscapes
Nicky Smith

151
1.10 From feature fetish to a landscape perspective: A change of perception in the research of pingo scars in the late Pleistocene landscape in the Northern Netherlands
Inger Woltinge

THEME II IMPROVING TEMPORAL, CHRONOLOGICAL AND TRANSFORMATIONAL FRAMEWORKS

167
2.1 Pre-industrial Charcoal Production in southern Brandenburg and its impact on the environment
Horst Rösler, Eberhard Bönisch, Franz Schopper, Thomas Raab, Alexandra Raab

179
2.2 Landscape transformations in North Coastal Etruria
Marinella Pasquinucci, Simonetta Menchelli

197
2.3 Can the period of Dolmens construction be seen in the pollen record? Pollen analytical investigations of Holocene settlement and vegetation history in the Westensee area, Schleswig-Holstein, Germany
Mykola Sadovnik, H.-R. Bork, M.-J. Nadeau, O. Nelle

211
2.4 Geo- and Landscape archaeological investigations in south-western Lazio (Italy): An approach for the identification of man-made landscape transformation processes in the hinterland of Rome
Michael Teichmann, Hans-Rudolf Bork

223
2.5 The medieval territory of Brussels: A dynamic landscape of urbanisation
Bram Vannieuwenhuyze, Paulo Charruadas, Yannick Devos, Luc Vrydaghs

THEME III LINKING LANDSCAPES OF LOWLANDS TO MOUNTAINOUS AREAS

241
3.1 A qualitative model for the effect of upstream land use on downstream water availability in a western Andean valley, southern Peru
Ralf Hesse, Jussi Baade

249
3.2 Connecting lowlands and uplands: An ethno-archaeological approach to transhumant pastoralism in Sardinia (Italy)
Antoine Mientjes
3.3 The prehistoric peopling process in the Holocene landscape of the Grosseto area: How to manage uncertainty and the quest for ancient shorelines
Giovanna Pizziolo

THEME IV APPLYING CONCEPTS OF SCALE

4.1 Landscape scale and human mobility: Geoarchaeological evidence from Rutherfords Creek, New South Wales, Australia
Simon Holdaway, Matthew Douglass, Patricia Fanning

4.2 Surface contra subsurface assemblages: Two archaeological case studies from Thesprotia, Greece
Björn Forsén, Jeannette Forsén

THEME V NEW DIRECTIONS IN DIGITAL PROSPECTION AND MODELLING TECHNIQUES

5.1 Biting off more than we can chew? The current and future role of digital techniques in landscape archaeology
Philip Verhagen

5.2 Using Google Earth and GIS to survey in the Peruvian Andes
Laure Déodat, Patrice Lecocq

5.3 The occupation of the Antequera Depression (Malaga, Spain) through the 1st millennium BC: A geographical and archaeological perspective into Romanisation
Maria del Carmen Moreno Escobar

5.4 Mapping the probability of settlement location for the Malia-Lasithi region (Crete, Greece) during the Minoan Protopalatial period
Ricardo Fernandes, Geert Geeven, Steven Soetens, Vera Klontza-Jaklova

5.5 Using LiDAR-derived Local Relief Models (LRM) as a new tool for archaeological prospection
Ralf Hesse

5.6 The use of digital devices in the research of Hungarian monastic gardens of the 18th century
Mária Klagyivik

5.7 Thinking topographically about the landscape around Besançon (Doubs, France)
Rachel Opitz, Laure Nuninger, Catherine Fruchart
5.8  Modelling the agricultural potential of Early Iron Age settlement hinterland areas in southern Germany
Axel Posluschny, Elske Fischer, Manfred Rösch, Kristine Schatz, Elisabeth Stephan, Astrid Stobbe

5.9  Radiography of a townscape. Understanding, visualising and managing a Roman townsite
Sigrid van Roode, Frank Vermeulen, Cristina Corsi, Michael Klein, Günther Weinlinger

5.10  New methods to analyse LiDAR-based elevation models for historical landscape studies with five time slices
Reinoud van der Zee, Frieda Zuidhoff

THEME VI  HOW WILL LANDSCAPE ARCHAEOLOGY DEVELOP IN THE FUTURE?

6.1  The future of landscape archaeology
Andrew Fleming

6.2  Look the other way – from a branch of archaeology to a root of landscape studies
Graham Fairclough

6.3  The past informs the future; landscape archaeology and historic landscape characterisation in the UK
Peter Herring

6.4  ‘Landscape’, ‘environment’ and a vision of interdisciplinarity
Thomas Meier

6.5  Landscape studies: The future of the field
Matthew Johnson