Landscape Archaeology between Art and Science

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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.

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2.5 Figure 3: a) Soil profile of Dark Earth on the site of Hôtel de Lalain-Hoogstraeten; b) Graph showing enhanced phosphorus levels for the Dark Earth units (US 7338 and US 7321); c) Granulometric data showing the high similarity between the units US 7338 and US 7321 and the natural soil (US 7340), suggesting they share the same matrix; d) Thin section micrograph showing phosphorus-rich excrement proving the addition of manure (plain polarised light); e) Thin section micrograph showing a textural pedofeature enabling its identification as former at least temporary unprotected topsoil (plain polarised light); f) Thin section micrograph showing dendritic phytoliths (plain polarised light).
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The schematic drawing above shows the different floors of the Andes and their ecological resources. It also indicates the barter system in which llamas or mule caravans are used to transport products between zones. Archaeological sites of the Formative period are located in the lowlands and the fertile ecological floor (Yunga). Villages of the Late Intermediate are located in the highlands (Suni, Puna and top of the Quechua zone).
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5.3 Figure 4. Map showing both the random and archaeological distributions of sites during the Middle Iberian period, combined with a table showing the different categories of visible areas, and the number of sites counted in each classification. Both distributions were employed for investigating the randomness/relationship of the Iberian settlement pattern with regard to visibility and relative height.

5.3 Figure 5. Map showing both the random and archaeological distributions of sites during the Roman Republican period in the Antequera Depression, combined with a table showing the different categories of relative height, and the number of sites counted in each category. Both distributions were employed for investigating the randomness/relationship of the Republican settlement pattern with regard to visibility and relative height.
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Figure 11. Multiple visualisations of the same data are used to explore relationships between feature, site, landscape and distribution. (a) Air photo of the forested location of the limekiln. (b) Hillshaded DTM of the limekiln. (c) Photo of the remains of the limekiln taken from about 4M away. (d) Yellow dots show the distribution of lime kilns in the local area. (e) The limekiln's appearance in the point cloud, with points coloured by elevation. (f) A profile section through a limekiln situated in the bottom of a doline. Image: R. Opitz, C. Fruchart, Lieppec / MSHE C.N. Ledoux
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5.8 Figure 8. Slope classification in the area around the ‘Fürstensitz’ Heuneburg (Baden-Württemberg). The dark brown slopes indicate areas with more than 10 degrees of slope which are not suitable for ploughing. – DEM D-25 (25 m grid), © German Federal Office for Cartography and Geodesy 2004.
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5.8 Figure 10. Bronze Age and Iron Age settlement sites with archaeobotanical investigations in Baden-Württemberg. The steadiness of types of carbonised grain is represented in the diagrams for different periods: BZ = Bronze Age, BZ3 = Late Bronze Age/Urnelfield Culture, HA = Early Iron Age/Hallstatt Period, HaLa = Early Iron Age/Hallstatt-Latène Period, Lai = Early Iron Age/Early Latène Period, Lai/3 = Late Iron Age/Middle & Late Latène Period. – Fischer et al. 2010.
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6.3 Figure 4. The Cornwall and Devon HLCs combined and simplified to create a regionalised characterisation. Patterns in and relationships between the several phases of enclosed land, rough ground and settlement suggest numerous regional and more local landscape archaeology research issues. Closer examination of the detail of each parent HLC would identify many more. (Derived from material that is the copyright of Cornwall Council and Devon County Council.)