GIS Metadata

Project Title	Engendering Roman Space – Oberstimm
Date of Creation:	2001-2007
Coverage	Roman military fortress at Manching-Oberstimm, on the Upper Danube in Bavaria, Germany
Author:	Penelope M. Allison
Data Sources:	Catalogue and plans: Schönberger, Hans 1978. Kastell Oberstimm, die Grabungen von 1968 bis 1971. Römisch-Germanisch Kommission. Limesforschungen Band 18. Berlin: Gebr. Mann. (Scale of plans variously: 1:1250, 1:1000, 1:400 and 1:200)
Projection:	not geo-referenced
Scale of data capture:	Scales of published plans variously: 1:1250, 1:1000, 1:400 and 1:200
Method of original data capture:	OCR of published text and plans; conversion of text into Excel then Access; conversion of plans into Illustrator then ArcGIS
Purpose of data creation:	To analyse artefact distribution patterns within the Roman fort at Oberstimm, according to activity and gender categories, and to investigate for the presence and activities of women and children within this military base

Comments	Facility includes the data for a project, Engendering Roman Spaces, funded by the Australian Research Council (2001-2006). It supports a forthcoming publication: P. M. Allison, '*Mapping social practices in early Roman imperial military bases: artefactual evidence for women and children on the German frontier*' For the processes used in this project see: P. M. Allison, P. Faulkner, A. Fairbairn, and S. Ellis 2008. 'Procedures for measuring women's influence: Data translation and manipulation and related problems' *Internet Archaeology* (forthcoming) Other relevant publications: P. M. Allison, Mapping artefacts and activities within Roman military forts, in Visy, Z. ed, *Limes XIX: Proceedings of the XIXth International Congress of Roman Frontier Studies*, Pécs, Hungary, Hungary, September 2003 (University of Pécs,2005), 833-846. P. M. Allison, C. Blackall, S. Ellis, and A. Fairbairn, Extracting the social relevance of artefact distribution within Roman military forts, *Internet Archaeology*, 17 (2004). P. M. Allison, Mapping for Gender: Interpreting artefact distribution in Roman military forts in Germany, *Archaeological Dialogues* 13.1 (2006): 1-48 P. M. Allison, Artefact distribution within the auxiliary fort at Ellingen: evidence for building use and for the presence of women and children, *Bericht den Römisch-Germanischen Kommission* 87 (2006): 387-452. P. M. Allison, The women and children inside 1st- and 2nd-century forts: comparing the archaeological evidence, in U. Brandl (ed), *Frauen und römisches Militär; Beiträge eines Runden Tisches in Xanten vom 7. bis 9. Juli 2005*. BAR Internat. Ser. 1759 (Archaeopress, Oxford, 2008), 120-139.

List of GIS files

Filename	Description	Attribute Tables – codes used
OBC01	Attribute tables for query: all cloth-working by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBC02	Attribute tables for query: all cloth-working by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls

OBD01	Attribute tables for query: definite dress by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD02	Attribute tables for query: definite dress by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBD03	Attribute tables for query: possible dress by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD04	Attribute tables for query: possible dress by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBD05	Attribute tables for query: definite dress in Period 1, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD07	Attribute tables for query: definite dress in Period 1 or 2, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD08	Attribute tables for query: definite dress in Period 2, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD09	Attribute tables for query: definite dress in Period 1, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBD10	Attribute tables for query: definite dress possibly in Period 1, by gender,	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBD13	Attribute tables for query: possible dress in Period 1, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD14	Attribute tables for query: possible dress possibly in Period 1, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD15	Attribute tables for query: definite dress in Period 1 or 2, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD16	Attribute tables for query: definite dress in Period 2, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBD21	Attribute tables for query: all female- and child-related dress, in Period 1 or possibly in Period 1, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBD23	Attribute tables for query: all female- and child-related dress, in Period 1 or 2 and in Period 2, by gender,	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls

OBD26	Attribute tables for query: all female- and child-related dress by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBD27	Attribute tables for query: all dress by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE01	Attribute tables for query: definite gendered activities by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBGE02	Attribute tables for query: definite gendered activities by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE03	Attribute tables for query: possible gendered activities by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBGE04	Attribute tables for query: possible gendered activities by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE05	Attribute tables for query: all gendered activities and dress) by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE06	Attribute tables for query: all gendered categories (activities and dress) by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE08	Attribute tables for query: all female and child gendered categories (activities and dress) by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE09	Attribute tables for query: definite gendered activities, in Period I or possibly in Period I, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBGE11	Attribute tables for query: definite gendered activities, in Period I or 2, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBGE12	Attribute tables for query: definite gendered activities, in Period 2, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBGE41	Attribute tables for query: all female and child gendered activities, in Period I or possibly in Period 1, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE43	Attribute tables for query: all female and child gendered activities, in Period I or 2, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBGE44	Attribute tables for query: all female and child gendered activities, in 2, by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls

OBGA01	Attribute tables for query: all gaming by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBGA06	Attribute tables for query: definite gaming by period	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; other fields: phases of the forts
OBH01	Attribute tables for query: all horse equipment by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBH02	Attribute tables for query: all horse equipment in Period 1, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBH03	Attribute tables for query: all horse equipment possibly in Period 1, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBH04	Attribute tables for query: all horse equipment possibly in Period 1 or 2, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBH05	Attribute tables for query: all horse equipment possibly in Period 2, by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBT01	Attribute tables for query: definite toilet by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBT02	Attribute tables for query: possible toilet by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBT03	Attribute tables for query: possible toilet by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBT03a	Attribute tables for query: possible toilet by activity (ZTS_T & ZTS_TD removed)	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
OBT04	Attribute tables for query: possible toilet by gender	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see Gender categories.xls
OBW01	Attribute tables for query: all writing by activity	PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate; for other fields: see activity categories.xls
building1-1a.shp	Plan of remains of Building 1, Period 1a	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building1-1b.shp	Plan of Building 1, Period 1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building1-1c.shp	Plan of remains of Building 1, Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)

building2-1a1b.shp	Plan of Building 2, Period 1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building2-1c.shp	Plan of Building 2, Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building2-2.shp	Plan of Building 2, Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building3-1a.shp	Plan of remains of Buildings B and C, Period 1a	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building3-1b.shp	Plan of Building 3 and of remains of Building B Period 1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building3-1c.shp	Plan of Building 3 and of remains of Building B, Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building6-1a1b.shp	Plan of Building 6, Period 1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building6-1c.shp	Plan of Building 6, Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building6-2.shp	Plan of remains of Building 6, Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building12-1a1b.shp	Plan of remains of Building 12, Period 1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building12-1c.shp	Plan of remains of Building 12, Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building12-2.shp	Plan of remains of Building 12, Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building14-1a1b.shp	Plan of Building 14, Period 1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building14-1c.shp	Plan of remains of Building 14, Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
building14-2.shp	Plan of remains of Building 14, Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
ditch.shp	Plan of fortification ditches	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)

features1a-1b.shp	Plan of all features in Period 1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
features1c.shp	Plan of all features in Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
features1d.shp	Plan of all features in Period 1d	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
features2.shp	Plan of all features in Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
featuresunassigned.shp	Plan of all features not assignable to a building phase	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
fortifications.shp	Plan of fortifications walls	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
oberbuildnums.shp	Building identity numbers within fort	BUILDNUM = building identity; (ID is redundant)
phase1a.shp	Plan of fort during Period 1a (including hypothetical reconstructed buildings)	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
phase1b.shp	Plan of fort during Period 1b (including hypothetical reconstructed buildings)	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
phase1c.shp	Plan of fort during Period 1c (including hypothetical reconstructed buildings)	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
phase2.shp	Plan of fort during Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
praetorium1b.shp	Plan of *praetorium* (Building 7), phase 1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
praetorium1c.shp	Plan of remains of *praetorium* (Building 7), phase 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
praetorium2.shp	Plan of remains of *praetorium* (Building 7), Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
praetorium.shp	Plan of *praetorium* (Building 7), Period 1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
Principia1a1b.shp	Plan of remains of *principia* (Building 8) , Period1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)

principia1a-1b.shp	Plan of remains of *principia* (Building 8), Period1a-1b	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
principia1c.shp	Plan of remains of *principia* (Building 8), Period 1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
principia2.shp	Plan of remains of *principia* (Building 8), Period 2	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
provenancedata1.shp	Plan of all locations and features where artefacts have been found	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m); PROVENANCE = provenance code; X_COORD = x coordinate; Y_COORD = y coordinate
trenches.shp	Plan of excavated areas	TRENCH = excavation area identity
watercanal1a.shp	Water canals in Period 1a	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
watercanal1b-1c.shp	Water canals in Period 1b-1c	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)
watertrench.shp	Other trenches for water canals	PERIMETER = polygon perimeter; AREA = polygon area (unit of measurement = 1m)