Anthropology 557

ARCHAEOLOGICAL THEORY AND METHOD

"THE ARCHAEOLOGY OF LANDSCAPES"

Spring 2005

PROFESSOR:
Dr. Clark Erickson
435 University Museum
cerickso@sas.upenn.edu
215-898-2282

DESCRIPTION: Anth 557: Archaeological Theory and Method: The Archaeology of Landscapes (crosslisted as AAMW-557 and LTAM-557) is a seminar for advanced undergraduate and graduate students.

CLASS MEETINGS: Mondays 2:00-4:50pm, Room 329 Museum.

OFFICE HOURS: Room 435, University Museum Thursdays and Fridays 3:00 - 5:00 pm & by appointment. I will be available during office hours and after class if you have any questions regarding the course material, the department's program in anthropology, or archaeology in general. You can also see me after class and by appointment if office hours conflict with your schedule. Messages can be left in my mailbox in Department of Anthropology or contact me by email.

COURSE HOMEPAGE: A homepage for this course can be found on the web address http://www.sas.upenn.edu/~cerickso/land/Anth557.html. This website is will include graphics, digital images, updates on the course syllabus, additional bibliographic readings, news related to the course, and schedules of lectures, conferences, and symposia relating to the Archaeology of Landscapes. The site also includes links to other on-line Web sites of interest to students this course. I recommend saving the address as a "bookmark" in your browser's menu to provide easy access to the page. I encourage all students to explore the Web for issues related to the Archaeology of Landscapes.

LECTURE CLASSES: Mondays, 2:00 – 5:00pm, Room 329, University of Pennsylvania Museum.

Bender, Barbara

Tilley, Christopher

Lansing, J. Stephen

REQUIRED BULKPACK READER: Available as a paper copy for purchase at the Copy Center, 166 Weiss Tech House, Levine Hall (formerly GRW) near the corner of 33rd and Walnut Streets. Please note that the Copy Center has limited hours in the morning and afternoon and only accepts cash for purchase.


COURSE CONTENT:

This semester, the course "Seminar: Archaeological Theory and Method" is intended to be an in depth survey of the *Archaeology of Landscapes* (or *Landscape Archaeology*) using readings and case studies from diverse fields such as ethnography, ethnoarchaeology, experimental archaeology, ethnohistory, archaeoastronomy, history, botany, agriculture, cultural geography, ecology, rural sociology, in addition to prehistoric, and historical archaeology. This is a course for graduate students in the Department of Anthropology, but may also be appropriate for graduate students of other departments and advanced undergraduates. Some prior archaeological coursework is a prerequisite for this course (preferably Anthropology 600 *Fundamentals of Archaeology*). A general understanding of basic archaeological and anthropological concepts and archaeological fieldwork experience would also be useful.

Traditionally, archaeological research has focused on the "site" or "sites." Regional investigation tends to stress settlement pattern and settlement system determined through archaeological site survey. This seminar will stress the space between the sites or "points" on the landscape. Most previous attempts at "landscape archaeology" tended to focus on the relationship of sites and the natural environment. This course will highlight the cultural, "anthropogenic," or "built environment"--in this case human modification and transformation of the natural landscape in the form of pathways, roads, causeways, monuments, walls, agricultural
fields and their boundaries, gardens, astronomical and calendrical alignments, and water distribution networks. Features will be examined in terms of the "social logic" or formal patterning of cultural space. These can provide insights into indigenous structures such as measurement systems, land tenure, social organization, cosmology, calendrics, astronomy, cognition, and ritual practices. Ethnographic, ethnohistorical, and archaeological case studies will be investigated from both the Old and New Worlds.

Because of the massive amount of material relating to the theme of Archaeology of Landscapes and the limited amount of time available during the semester, the course coverage will be selective, not exhaustive.

The format of the seminar will be primarily discussion. Each week, a series of articles and book chapters will be read, presented, and discussed. Assigned groups of students will be responsible for organizing the discussion of the readings for each week. During the last weeks of the semester, each student will be required to read and prepare summaries and commentary on another student’s seminar paper.

REQUIRED READINGS:

This is an upper level undergraduate and graduate level course. The course covers a lot of material, thus there are many required readings. Three required textbooks have been assigned. A "bulk pack reader" has been assembled for this course, which includes a number of important articles on the Archaeology of Landscapes. This will be available for purchase at the Copy Center, 166 Weiss Tech House, Levine Hall (formerly GRW) near the corner of 33rd and Walnut Streets (10:00-12:00am; 2:00-5:00pm; cash only). Weekly reading assignments will come from the textbooks and the reader. This is a combined upper level undergraduate and graduate level seminar and I expect students do the readings and come prepared to discuss them in class. A reading syllabus will be provided and may be periodically updated throughout the semester.

SEMINAR PAPERS:

Each participant of the seminar will be required to write a major research paper on a topic of the student's choice relating to the Archaeology of Landscapes. I must approve each student’s topic. Please select a topic early in the semester and begin your research and writing soon afterwards. The dates for an introductory essay defining the Archaeology of Landscapes, the seminar paper outline, completed draft version and final version of the paper are listed in the Reading Syllabus (below). A schedule of in-class discussions of each paper will be set by mid-semester. Discussants will present the seminar papers in December. The seminar research paper will be prepared according to the following schedule.

Topic, Title, and Abstract: Students will prepare and turn in a tentative title and 300-word
abstract of the seminar paper. The research topic must be pre-approved by the professor. Title and Abstract are due February 7.

Introductory Essay on Landscape Archaeology: Students will prepare and turn in a brief 5-6 page essay on the Archaeology of Landscapes (discussing definitions of landscapes and other important concepts, boundaries of the field, issues of scale, methods and theory, and relevant bibliography, plus a revised 300 word abstract of the seminar paper). This abstract and essay will be incorporated into the student's seminar paper as an introductory statement. Abstract and Essay are due February 21.

Detailed outline of the seminar paper: Students will write a detailed outline of the seminar paper which is due March 21

Formal Presentation of Seminar Paper: A "complete as possible" draft version of the seminar paper is due in the final weeks of the semester (beginning November 18; specific date for each draft will depend on the assigned date for each discussion presentation—see Summary Syllabus below). Each student is responsible for providing copies to all seminar participants one week before the paper is presented and discussed. A "designated discussant" will be assigned to each paper. The designated discussant's job is to present a brief, concise summary of the seminar paper and a critical evaluation/review of the paper (approximately 10-15 minutes). Following the discussant's presentation, the author will be allowed to address issues and questions raised by the discussant. Afterwards, the discussion of each paper is open to all seminar participants.

Final Version of the Seminar Paper: Each seminar participant must give the authors prompt feedback (preferably written) on their draft papers (which can include general editing comments, corrections on spelling, additional references, major and minor critiques of content and figures, etc.). Based this constructive criticism, a final version of the paper is prepared and 2 copies are turned in during the exam week. Students will also make copies of their final paper available to each seminar participant. Final paper is due September 16, [September 20 at the latest date that I can submit a grade].

Seminar paper must include an abstract and must use the style guide of the journal American Antiquity (see October 1992 issue; vol 57, pages 749-770 or on line guide www.saa.org click on "Publications” and “Guide for Authors”). Drafts and Final Papers should be double-spaced and use 12pt font.

GRADING: Grading will be based on participation in discussions, in-class presentations of readings, performance as a formal discussant of a peer's draft seminar paper, and final write-up of a seminar paper. The various versions of the research paper must be turned in on the deadlines or the seminar schedule will be seriously disrupted.
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SUMMARY SYLLABUS

[tentative]

January 9:  INTRODUCTION TO THE SEMINAR

January 17:  Martin Luther King Holiday (no classes at Penn)

January 24:  THE ARCHAEOLOGY OF SITES AND THE ARCHAEOLOGY OF LANDSCAPES: CONTRASTING PERSPECTIVES

January 31:  HISTORICAL ECOLOGY; ISSUES OF SCALE AND BOUNDARY, AND LANDSCAPE DYNAMICS

February 7:  THE EXPERIENCED LANDSCAPE

  METHODOLOGY I: AERIAL PHOTOGRAPHIC INTERPRETATION, GROUND SURVEY, TOPOGRAPHIC MAPPING, AND EXCAVATION OF LANDSCAPE FEATURES.

  Topic, Title and 100-300 word Abstract of Seminar Paper due

February 14:  COMPLEX LANDSCAPES AND LANDSCAPES OF POWER

February 21:  THE ANTHROPOGENIC LANDSCAPE; MYTH OF THE PRISTINE ENVIRONMENT; MYTH OF THE NOBLE SAVAGE; NATURAL VS. CULTURAL LANDSCAPES.
Revised Abstract and 5-6 double spaced essay on Definition of the Archaeology of Landscapes due.

**February 28:** READING THE LANDSCAPE I: PLACES, SOCIAL SPACE, SACRED LANDSCAPES, MOUNDS, AND MEGALITHS.

**March 7:** Spring Break

**March 14:** READING THE LANDSCAPE II: GARDENS, FIELDS, VERNACULAR LANDSCAPES, AGRARIAN HOUSEHOLDS AND COMMUNITIES

**March 21:** METHODOLOGY II: GEOGRAPHIC INFORMATION SYSTEMS, DIGITAL ELEVATION MODELS, AND VIRTUAL REALITY.

Detailed Outline of Seminar Paper Due

**March 28:** ROADS AND COMMUNICATION NETWORKS.

**April 4:** SACRED, RITUAL, AND COSMIC LANDSCAPES, AXIS MUNDI, ALIGNMENTS AND ORIENATIONS, BODY METAPHORS, AND ARCHAEOASTRONOMY

Draft versions of paper to be presented April 11 due:

**April 11:** STUDENT PRESENTATIONS

Draft versions of paper to be presented April 18 due:

**April 18:** STUDENT PRESENTATIONS

**April 30:** Final Version of Edited Seminar Papers due
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COURSE SYLLABUS: READINGS
[tentative]

January 9:  INTRODUCTION TO THE SEMINAR

January 17: Martin Luther King Holiday (no classes at Penn)

January 24: THE ARCHAEOLOGY OF SITES AND THE ARCHAEOLOGY OF LANDSCAPES: CONTRASTING PERSPECTIVES

Text:

Reader:


January 31:  HISTORICAL ECOLOGY; ISSUES OF SCALE AND BOUNDARY, AND
LANDSCAPE DYNAMICS

Reader:


February 7: THE EXPERIENCED LANDSCAPE

METHODOLOGY I: AERIAL PHOTOGRAPHIC INTERPRETATION, GROUND SURVEY, TOPOGRAPHIC MAPPING, AND EXCAVATION OF LANDSCAPE FEATURES.

Topic, Title and 300 word Abstract of Seminar Paper due.

Texts:


Reader:


Tilley, Christopher 2004 Chapter 1: From Body to Place in Landscape. A Phenomenological

**February 14: COMPLEX LANDSCAPES AND LANDSCAPES OF POWER**

**Text:**
Lansing, Stephen 1991 Priests and Programmers (whole book)
Bender, Barbara 1998 Stonehenge: Making Space. Berg, Oxford. Chapter 4-8 (skim)

**February 21: THE ANTHROPOGENIC LANDSCAPE; MYTH OF THE PRISTINE ENVIRONMENT; MYTH OF THE NOBLE SAVAGE; NATURAL VS. CULTURAL LANDSCAPES.**

Revised Abstract and 5-10 page double spaced essay on Definition of the Archaeology of Landscapes due

**Reader:**

**October 28: READING THE LANDSCAPE I: PLACES, SOCIAL SPACE, SACRED LANDSCAPES, MOUNDS, MEGALITHS.**

**Texts:**
Tilley, Christopher 1994 A Phenomenology of Landscape: Places, Paths and Monuments. Berg, Oxford. Part 2; Chapters 3-6,
Reader:

March 7: Spring Break

March 14: READING THE LANDSCAPE II: GARDENS, FIELDS, VERNACULAR LANDSCAPES, AGRARIAN HOUSEHOLDS AND COMMUNITIES

Detailed Outline of Seminar Paper Due

Reader:


March 21: METHODOLOGY II: GEOGRAPHIC INFORMATION SYSTEMS, DIGITAL ELEVATION MODELS, AND VIRTUAL REALITY.

Reader:

Madry, Scott and Carole Crumley 1990 An Application of Remote Sensing and GIS in a Regional Archaeological Settlement Pattern Analysis: The Arroux River Valley, Burgundy,


March 28: ROADS AND COMMUNICATION NETWORKS.

Reader:


April 4: SACRED, RITUAL, AND COSMIC LANDSCAPES, AXIS MUNDI, ALIGNMENTS AND ORIENTATIONS, BODY METAPHORS, AND ARCHAEOASTRONOMY

Draft versions of paper to be presented November 25 due:

Reader:


Draft versions of paper to be presented April 11 are due

**April 11:** STUDENT PRESENTATIONS

Draft versions of paper to be presented April 18 are due

**April 18:** STUDENT PRESENTATIONS

**April 30:** Final Version of Edited Seminar Papers due
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Table of Contents of the Bulk Pack Reader

Deetz, James


Dunnell, Robert C.

Fotiadis, Michael

Stafford, C. Russell

Crumley, Carole and William H. Marquardt

Crumley, Carole L.

Lawrence, D. S. and S. M. Low

Ingold, T.

Anschuetz, Kurt L., Richard H. Wilshusen, and Cherie Scheick

Tilley, Christopher

Balée, William


Denevan, William M.

Stahl, Peter W.

Bradley, Richard

Gleason, Kathryn L.

Killion, Thomas W.
Robin, Cynthia and Nan Rothschild 2002

Robin, Cynthia

Fleming, Andrew

Fleming, Andrew

Maschner, Herbert D. G.

Madry, Scott and Carole Crumley

Llobera, Marcos

Romano, David G.

Snead, James and Robert Preucel

Sofaer, Anna, Michael Marshall, and Rolf Sinclair
1989 The Great North Road: A Cosmographic Expression of the Chaco Culture of New

Kantner, John

Snead, James

Glowacki, Mary and Michael Malpass

Brady, James and Wendy Ashmore

Aveni, Anthony F. and Helaine Silverman
1991  Between the Lines: Reading the Nazca Markings as Rituals Writ Large. *The Sciences*. July/August.

Urton, Gary
PERIODICALS CONCERNING ARCHAEOLOGY

I strongly encourage all graduate students to periodically browse the fine collection of current archaeology-related journals that the University Museum Library receives. It is important to keep up with the advances in the discipline, a basic part of professionalism.

Advances in Archaeological Method and Theory (1978-1987)
Advances in World Archaeology
African Archaeological Review
American Archaeology
American Antiquity
American Anthropologist
Annual Review of Anthropology
Ancient Mesoamerica
Antiquity
Archaeological Dialogues
Archaeological Method and Theory (1987-present)
Archaeological Review from Cambridge
Archaeology
Archaeology in Oceania
Archaeology of Eastern North America
Australian Archaeology
Bulletin of the Society for American Archaeology
Cambridge Archaeological Journal
Cambridge Review of Archaeology
Current Anthropology
Economic Botany
Florida Anthropologist
Geoarchaeology
Geoscience and Man
Historical Archaeology
Internet Archaeology
Journal of Anthropological Archaeology
Journal of Archaeological Method and Theory (since 1994)
Journal of Archaeological Research
Journal of Archaeological Science
Journal of the British Archaeological Association
Journal of European Archaeology
Journal of World Prehistory
Journal of Alabama Archaeology
Journal of Material Culture
Journal of Mediterranean Archaeology
Journal of Ethnobiology
Journal of Field Archaeology
Journal of World Prehistory
Journal of Social Archaeology
Kiva
Latin American Antiquity
Man
Man in the Northeast
Midcontinental Journal of Archaeology
Mississippi Archaeology
Missouri Archaeologist
North American Archaeologist
Norwegian Archaeological Review
Oxford Journal of Archaeology
Plains Anthropologist
Proceedings of the Prehistoric Society
Quarterly Review of Archaeology
Quarterly Bulletin of the Archaeological Society of Virginia
Quarterly Review of Archaeology (Oxford)
Quaternary Research
RES: Anthropology and Aesthetics
Scottish Archaeological Review
Southeastern Archaeology
Southeastern Archaeological Conference, Newsletter
The Review of Archaeology
Tennessee Anthropologist
World Archaeology

Computer Database Searches:
various anthropology and social science index volumes; computer bibliographic searches on RLIN, WorldCat, Quick Search, and others [see Museum and Van Pelt librarians for more information on how to use these search capabilities].
Many important articles from archaeological journal can be directly downloaded from the Web using Acrobat [see the ejournals (electronic journals) on the main Library page for a list of Anthropology, Archaeology, Ecology, Landscape Architecture, Art History online journals and details on downloading].

Internet and the World Wide Web:
Hundreds of web sites dedicated to archaeology, geographic information systems, cultural
landscapes, historical ecology, archaeoastronomy, free aerial and satellite imager and maps.