The Archaeology of Maritime Adaptations

Course Objectives and Goals:
This seminar examines issues pertaining to human maritime adaptations in archaeological, ethnohistoric and ethnographic contexts. Issues to be examined include:

1) Definitions of Maritime Adaptations
2) History of Investigations
3) Characteristics of Marine Resources
4) Technology and Organization of Maritime Predation
5) Limitations on Maritime Subsistence
6) Ownership, Territory, and Resource Rights
7) Population, Settlement and Site Size
8) Economic and Political Organization
9) Complexity of Maritime Societies

Populations and cultures exhibiting maritime adaptations, among others, include: Jomon, Pacific Islands, Yagan, Andean Coast, Chumash, Northwest Coast, Eskimo/Aleut, Red Paint Archaic, Calusa, European Mesolithic, Coastal Maya

Readings are available on the course elearning/Sakai site.

Written Work and Class Presentations:
1) Weekly Assignments: 1-2 page review (critique, evaluation – not summaries) of ALL weekly readings. These are due at the start of class; late papers are not accepted without prior permission.

2) Each session students will be assigned one reading to present in detail (max. 15 minutes). Oral presentations will rotate between students depending on the number of reading assignments per week. All students must be prepared to discuss all the weekly readings at class time.

3) Final Paper (due APRIL 25 AT 4 PM- NO late papers, No incompletes, emergencies excluded) – on an approved topic related to the Archaeology of Maritime Adaptations. Final Paper should follow American Antiquity format for bibliography with a minimum of 2 references per page.

Grading:

Class participation (20%) attendance (10%) and discussion (10%)
(excused absences for illness and academic business only)

Class presentations (15%)
Weekly written critiques (15%)
Final paper (50%)
The Archaeology of Maritime Adaptations

Jan. 11
Introduction, class structure, class themes
Marine Habitats and modern degradation

Visit http://www.sms.si.edu/IRLSpec/index.htm
The Smithsonian Marine Station at Fort Pierce, Indian River Lagoon, Florida
view habitat and lagoon information in detail and other components in general

download NOAA publication: (read or print [it is better in color])

Cowardin, Lewis M., Virginia Carter, Francis C. Golet, and Edward T. LaRoe
n.d. Classification of Wetlands and Deepwater Habitats of the United States

Jackson, J. B. C.

Gedan, K. Bromberg, B.R. Silliman, and M.D. Bertness
1:117–41.

Jan. 18
MLK Holiday

Jan. 25
Marine and coastal environments and habitats, cont.
Readings:

Barber, R. T. and F. P. Chavez,

Salwen, Bert

Sandweiss, Daniel H.
2003 Terminal Pleistocene through Mid-Holocene Archaeological Sites as Paleoclimatic Archives

Scudder, Sylvia
2003 Sea Level Rise or Shallow-water Midden Deposition? Archaeopedology at the Seminole
Rest Archaeological Site, Coastal East-Central Florida. Journal of Archaeological Science 30
(12):1551-1557.

2001 Turks and Caicos – Coralie JAS
Feb. 1 Early View of Maritime Adaptations: Ethnography and Archaeology
Readings:

Barnett, Homer

Hewes, Gordon W

Cook, S. H.

Orssich, Adam and Elfriede Stadler Orssich

Roberts, H. H.

Sauer, C. O.

Uhle, M.
ON RESERVE LIBRARY WEST

Nelson, N.C.
1909 Shellmounds of the San Francisco Bay Region. U. California 7(4).
ON RESERVE LIBRARY WEST - SKIM

Feb. 8 The Maritime Paradigm
Readings:

Arnold, J. E.

Cooney, Gabriel

Erlandson, Jon M.
Dietary Variation in Maritime Adaptations
Fish, Shellfish, Crabs, Marine Mammals, Birds

Readings:

Akazawa, Takeru

Colten, R. H., and Arnold, J. E.

deFrance, S. D.

Kozuch, Laura.

EXAMINE SDEF COPY.


Parsons, Jeffery R.

Losey, Robert J., Sylvia Behrens Yamada and Leah Largaespada
Feb. 22  Ethnographic background of maritime populations
Alaska and Arctic regions, NW and California
Readings:

Boxberger, Daniel
1989 *To Fish in Common: The Ethnohistory of Lummi Indian Salmon Fishing.* University of Nebraska Press, Lincoln. selected chapters

Erlandson, Jon M.
relates to Chumash self-identity and issues other than their uniqueness as a maritime peoples.

Moss, M. L.

Moss, M. L.

Wenzel, George W.

February 29  SPRING BREAK

March 7  Ethnographic background of maritime (and lacustrine) populations
Australia and Pacific islands, Caribbean, S. America
Readings:

Jones O’Day, Sharyn

Lieber, Michael D.

Levieil, Dominique and Benjamin Orlove
McNive, Ian J.

Price, Richard

Titcomb, M.


Vono fishing video by Sharyn Jones – will show in class

**March 14**

Earliest use of marine resources, Paleolithic and Old World European Mesolithic, New World Late Pleistocene

Readings:

Mannino, Marcello A. and Kenneth D. Thomas

2008 Neanderthal exploitation of marine mammals in Gibraltar *Proceedings of the National Academy of Sciences*, 105 (38), 14319-14324 DOI: 10.1073/pnas.0805474105


Richards, M.P., R. Jacobi, J. Cook, P.B. Pettitt, C.B. Stringer

Richards, M. P. and Schulting, R. J.


Erlandson, Jon R., Torben C. Rick, Todd J. Braje, Molly Casperson, Brendan Culleton, Brian Fulfrost,Tracy Garcia, Daniel A. Guthrie, Nicholas Jew, Douglas J. Kennett,
March 21  
**Bioarchaeology and Health of coastal foragers - Prehistory**

Readings:

Arriaza, B. T.

Bathurst, Rhonda R.

Benfer, R. A.

Lambert, Patricia M.

Yesner, David R., Maria Jose Figuerero Torres, Ricardo A. Guichon and Luis A. Borrero

March 28  
**Archaeology and Technology**

Methods of capture, technology, storage, transport

Readings:

Arnold, Jeanne E.

Beheim, Bret and Adrian V. Bell

Callaghan, Richard

Gamble, Lynn H.

Hudson, Jean L.
Marcus, Joyce, Jeffrey D. Sommer, and Christopher P. Glew

Walker, Karen J.

**April 4**

**Archaeology of SE Asia, Pacific Islands, and Africa**

**Readings:**

Breen, Colin and Paul J. Lane

Fitzpatrick, Scott M.

Goff, J. R.; McFadgen, B. G.

Habu, Junko
Selected chapters

Kirch, Patrick V.
Chapters 1, 6, and 7

**April 11**

**Archaeology of Ancient Americas: Andean South America**

**Readings:**

Haas, Jonathan and Winifred Creamer

Marquet, Pablo A., Calogero M. Santoro, Claudio Latorre, Vivien G. Standen, Sebastián R. Abades, Marcelo M. Rivadeneira, Bernardo Arriaza and Michael E. Hochberg

Moseley, M. E.
Quilter, Jeffrey, Bernardino Ojeda E., Deborah M. Pearsall, Daniel H. Sandweiss, John G. Jones, Elizabeth S. Wing

Sandweiss, Daniel H., Ruth Shady Solís, Michael E. Moseley, David K. Keefer, and Charles R. Ortloff

Sandweiss, Daniel H., H. McInnis, R. L. Burger, A. Cano, B. Ojeda, R. Paredes, M. C. Sandweiss, M. D. Glascock,

Shady Solís, Ruth
2005 Caral Supe, Perú: la civilización de Caral-Supe : 5000 años de identidad cultural en el Perú. Instituto Nacional de Cultura, Lima


**April 18**

**Archaeology of Ancient Americas:**

*Caribbean, Central America, and North America*

**Readings:**

McKillop, Heather

Keegan, William F., Roger W. Portell and John Slapcinsky

Quinn, Rhonda L., Bryan Tucker, and John Krigbaum
2008 Diet and mobility in Middle Archaic Florida: Stable isotopic and faunal evidence from the Harris Creek archaeological site (8Vo24), Tick Island. *Journal of Archaeological Science*, 35: 2346-2356.

Rick, Torben C., Jon M. Erlandson, Rene L. Vellanoweth, and Todd J. Braje

Stark, Barbara L. and Barbara Voorhies
Thompson, Victor D. and John E. Worth

Reexamine Parsons and Marquardt

April 25           Final Paper due – 4 PM TO MY OFFICE OR MAILBOX