This course presents a broad introduction to the rapidly developing field of Long Term Human Ecodynamics, Historical Ecology, and Environmental Archaeology. Environmental archaeology has evolved since the 1930’s from a set of techniques that broadened our definition of an artifact to include animal bones, pollen, charcoal, and insects. Modern Zooarchaeology, Archaeobotany and Geoarchaeology now provide an interdisciplinary perspective on human interaction with the environment and a richer understanding of past societies and economies. The past decade has seen rapid expansion of these studies under the theoretical frameworks of Historical Ecology and Human Ecodynamics research, attracting major new funding to archaeology and allowing archaeologists to contribute to current debates on global change, human impacts, and rapid climate change. This exciting area of study provides a link between past, present and future and provides opportunities for archaeology and the long term record to contribute directly to a better understanding of modern problems now facing humans and the planet.

**Text:** Dincauze, D. 2000 *Environmental Archaeology*, Cambridge UP .(new $55.00, used ca. $25.00 paper) Available at Shakespeare & Co.

**Requirements:** Class participation, 20 pp research paper, Web Resource Project.