

HUMA 4000I
Ecology and Society
(Summer 2018)

Instructor: Damon, Frederick (Fred) H.
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Introduction--

June 22

A. Course and Instructor Introduction (History of Anthropology & this Course)

B. Some Humans on the Land

Tutorial film: Secrets of the FORBIDDEN CITY (60")

Discussion of Damon's Chapter 6, GEOMETRIES OF MOTION: Trees and the Boats of the Eastern Kula Ring, by fhdamon, in *TREES, KNOTS AND OUTRIGGERS: Environmental Knowledge in the Northeast Kula Ring*, 296-352.

C. Organizing Student Reports—Analyzing where you live

Tutorial: Film: *Children of the 7 Headed Snake*, 52 min.

PART I CLIMATE AND CULTURE: HUMANS ACROSS THE
HOLOCENE Theoretical Scope—Human cognition, time, space, human action.

June 25-July 2

A. Consciousness and Culture

1. "The Primacy of Generic Taxa in Ethnobiological Classification," Chapter 2 in Brent Berlin's Ethnobiological classification: principles of categorization of plants and animals in traditional societies.

2. "Fetishism: A Cognitive Approach" by Roy Ellen

B. Humans and the Spatio-temporal orders

William Ruddiman's *Plows, Plagues and Petroleum.*

Chapter 27, "The Backwater Country" from THE FUTURE EATERS By Tim Flannery

Chapter 7, Associations, in *THE BIGGEST ESTATE ON EARTH HOW ABORIGINES MADE AUSTRALIA* BY Bill Gammage

"Emergence of Complex Societies after Sea Level Stabilized" 2007 EOS, TRANSACTIONS, AMERICAN GEOPHYSICAL UNION *Day, J. W. Jr. *et.al.**

"Global Climate and Regional Biocultural Diversity," by J. Gunn, Chapter 4 in *HISTORICAL ECOLOGY*

"Social Responses to Climate Change Among the Chumash Indians of South-Central California," Chapter 11 by John R. Johnson in THE WAY THE WIND BLOWS

"Deep historical ecology: the Kula Ring as a representative moral system from the Indo-Pacific" by Frederick H. Damon *World Archaeology* 2016.

Chapter 9, "The Origins of the Third World" from PART IV THE POLITICAL ECOLOGY OF FAMINE in Mike Davis's *LATE VICTORIAN HOLOCAUSTS: El Niño Famines and the Making of the Third World*.

Tutorial, video: *FIRST FOOTPRINTS* #4, One of a 4-part Australian Broadcasting Company video dealing with history of Australia. This one featured a section in which Bill Gammage was interviewed on and the principles of his book *The Biggest Estate on Earth* was featured.

INTERLUDE

July 4

Class Presentations I

PART II CENTRALIZING (OR ORGANIZING) FORMS IN NATURE AND SOCIETY July 12-16 (including trip to Nansha, July 7&8)

A. The Idea of 'Keystone Species' and the Priority of Communication Systems. We discuss on Friday in preparation for Nansha excursion.

Local Knowledge and Management of Sago Palm (*Metroxylon sagu Rottbeoll*) diversity in south Central Seram, Maluku, Eastern Indonesia" 2006 by Roy Ellen.

"Dike-based Communities between Water and Sand: The Sand-land Environmental System in Dongchong, South China, 1720s-1980s", Ma, Jianxiong, 2016 in *Environment, Modernization and Development in East Asia: Perspectives from Environmental History*, edited by Ts'ui-jung Liu and James Beattie, London and New York: Palgrave. Pp. 89-110.

"The Making of a Giant," Chapter 25 In Tim Flannery's 2001 *The Eternal Frontier* Atlantic Monthly Press Pp. 325-338.

July 16—half the time reviewing our Nansha experience given the course readings half the time

INTERLUDE

July 9

Class Presentations II

Part III MODELING AND CALENDARS

Anthropological Views of Consciousness and the Organization of Time—Muyuw (Melanesia) India, China and the United States.

July 11-13

Video: *Bored in Heaven: A Film about Ritual Sensation*, directed by Kenneth Dean dealing with Spring Festival/New Year's rituals in Putian, Fujian Province. (shown July 11).

“Monsoon in Traditional Culture” (South Asia) by Francis Zimmermann MONSOONS EDITED BY Jay S. Fein, Pamela L. Stephens National Science Foundation. New York: A Wiley-Interscience Publication of John Wiley & Sons.

“The Mathematics of the Chinese Calendar” by Helmer Aslaksen (52page article)

“Chinese Attitudes Toward Climate,” by Cho-yun Hsu, Chapter 8 in THE WAY THE WIND BLOWS

Chapter 8, “Chinese Cosmolgraphical Thought: The High Intellectual Tradition,” by John B. Henderson in *THE HISTORY OF CARTOGRAPHY, Volume 2, Book 2 Cartography in the Traditional East and Southeast Asian Societies* Edited by J. B. Harley and David Woodward

TAKE HOME FINAL EXAM,

Due Saturday, July 14, 6 pm

The exam will consist of responses to quotes from the course's required readings designed to incorporate lecture material and the excursion to Nansha. When finished students are to email their exam to Damon.