

Introduction to Culture and Natural Resource Management

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Course content: This course explores historical and contemporary experiences of African Americans, American Indians, European Americans, Asian Americans, and Latinos in relation to the use of natural resources. We start with the contention that natural resource management is premised upon historically and culturally distinct relationships between humans and nature, and associated social and economic systems. These, in turn, are conditioned by struggles between individuals and groups over access to and control of land, water and other resources. We focus on political economy, property, ecology, identity, representation and narrative to investigate complex relationships between humans and nature, and how these have influenced urban and rural social life and landscapes. For instance, we examine how racial difference has shaped Indian rights to forest resources and management practices in northern California, Chinese American access to farmland in the California Delta, the environmental and social contexts of water management and drought in California, and divergent experiences of New Orleans residents before, during and after Hurricane Katrina.

Learning objectives

This course is designed to facilitate students' understanding of the following:

- Relationships between natural resource management and identity in the U.S.
- Policy and Ethical dimensions of natural resource management
- Critical understanding of identity and power relations in the U.S.

Additionally, this course is designed to cultivate students' interests and abilities in the following:

- Holistic, systems-based, and multi-disciplinary approaches to complex phenomena
- Critical thinking, reading and analysis
- Short essay writing and group project work
- Understanding one's own experiences, roles and actions in society
- Informed, critical and self-reflective civic engagement

Course requirements: Students must participate in four course elements: lecture, discussion section, papers and tests. Exams cover lectures, readings and points raised in discussion section, and weekly quizzes are designed to assess comprehension of reading material. The papers allow you to engage in depth with the course material. In discussion section, you have the opportunity to explore the readings and lectures and discuss your own ideas. So, go to lecture and section having completed the reading and be ready to engage!

Quizzes: You must complete 6 of the 12 quizzes on reading assignments that are available in the Quiz tool on bCourses by Friday at 10am each week that you choose to take a quiz. These cover only material from the current week's assigned readings, and are designed to assess whether you have completed the reading material. Each quiz is graded on a 10-point basis.

Grading: Your final grade is based on a 1000-point system.

Midterm	230 points
Final exam	230 points
Quizzes	60 points
Final paper assignments	230 points
Weekly reflections assignments	80 points
Family and natural resources paper	50 points
Class participation	120 points
Extra credit	up to 30 points

Readings: The reader is available in two volumes from Odin Readers, and can be purchased at University Press Bookstore at 2430 Bancroft St. Alternatively, you can buy used readers through the ESPM 50 reader exchange, to which all enrolled students have access through bCourses. In addition to the reader, you are required to select one of the following books, all of which are available at the ASUC bookstore and often can be found used at local bookstores or on-line. Please do not purchase any of these books until the assignment has been explained in class.

- Didion, Joan. *Where I Was From*. 2003.
- Kingston, Maxine Hong. *China Men*. 1981.
- Silko, Leslie Marmon. *Ceremony*. 1977.
- Smith, Jordan Fischer. *Nature Noir*. 2006.
- Trethewey, Natasha. *Beyond Katrina: A Meditation on the Mississippi Gulf Coast*. 2010.
- Viramontes, Helen. *Under the Feet of Jesus*. 1995.

Electronic resources:

bCourses: Check bCourses for assignment sheets, resources, announcements, lecture outlines and PPT slides (posted before lectures), unit web sites, etc. You will be notified of all new postings by an email announcement. You are responsible for knowledge of all bCourses posts.

Course email: The subject line for all email messages to Dr. Spreyer and GSIs should be titled: "ESPM 50 – student last name, first name – your specific message subject." The instructors are not responsible for responding to messages that are improperly titled.

Academic dishonesty and plagiarism: Plagiarism is a BIG problem at UC Berkeley. While some students purposefully plagiarize by submitting purchased term papers or failing to cite sources, etc., many others do so simply because they don't understand how to properly reference ideas and information. It is your responsibility not to plagiarize. See <http://www.lib.berkeley.edu/instruct/guides/citations.html> and "Understanding plagiarism" in the assignments folder on bCourses and for guidelines on avoiding plagiarism. If you are uncertain about whether you have plagiarized material, check with your GSI before you submit an assignment.

WEEK 1

Section: Discussion sections do not meet this week.

UNIT ONE: AFRICAN AMERICANS AND HURRICANE KATRINA IN NEW ORLEANS

This unit introduces subjects that frame our study of culture and natural resource management in the course. First, we discuss concepts associated with the American Cultures requirement. Then we set the stage for understanding historical relationships between resource use and the experiences of different racial groups by examining recent events in New Orleans before, during and after Hurricane Katrina. We emphasize that culture and nature are not separate, but shape one another. And we explore property rights at the intersection of culture and nature and in visions of the social contract.

Unit web sites: See the Units folder on bCourses for each unit.

Section: Discussion sections do not meet this week.

Aug 26. Course introduction: American Cultures and natural resources

Aug 28. Hurricane Katrina and environmental history

Kelman, Ari. "In the shadow of disaster: Rebuilding in harm's way." The Nation, vol. 282, no. 1 (Jan 2, 2006): 1-3.

Worster, Donald. "Doing environmental history." Carolyn Merchant ed., Major Problems in American Environmental History (2005). 2-9.

WEEK 2

Section: All discussion sections meet for the first time this week.

Aug 31. In the low ground: society, geography and identity in New Orleans

Campanella, Richard. "An Ethnic Geography of New Orleans." Journal of American History, 94 (Dec 2007): 704–715.
<http://www.journalofamericanhistory.org/projects/katrina/>

Madrigal, Alexis C. "What we've done to the Mississippi River: An explainer." Atlantic (May 19, 2011): 1-12.
<http://www.theatlantic.com/technology/archive/2011/05/what-weve-done-to-the-mississippi-river-an-explainer/239058/>

100 years of mismanagement leading to collapse.
<http://www.mississippiriverdelta.org/files/2011/11/map-100-years-of-mismanagement.pdf>

Sep 2. Faubourg Tremé: Local stories and historic events

Film in class: Faubourg Tremé

powell, john a., et al. "Towards a transformative view of race: The crisis and opportunities of Katrina." Chester Hartman and Gregory D. Squire eds., There is No Such Thing as a Natural Disaster (2006). 59-84.

Merchant, Carolyn. "Interpreting environmental history." Carolyn Merchant ed., Major Problems in American Environmental History (2005). 20-25.

Sep 4. Experiences of Katrina: race, class and marginality

Winant, Howard and Michael Omi. "Racial Formation." Racial Formation in the United States From the 1960s to the 1990s (1994). 53-69.

Democracy Now. Video of George W. Bush, Kanye West, and Amy Goodman interview of Eric Michael Dyson (Mar 6, 2006).

http://www.democracynow.org/2006/3/6/come_hell_or_high_water_michael

* Use real media player (<http://realmedia.com>) or another application to view this.

** To view the video, click on "real video stream" below the program title on the web page. Go to the beginning of the segment at 35:40 minutes in the program.

Solnit, Rebecca and Rebecca Snedeker. Unfathomable City: A New Orleans Atlas (2014). *Select one map-based essay from the selections posted in the "Unfathomable City" folder, in the "Unit I reading materials" folder on bCourses.

WEEK 3

Section: Monday discussion sections do not meet this week. Weekly reflections are due for all sections, except those on Monday, in section and on bCourses the day of your section by 10am or before sections meeting earlier than 10am. This week only, students in Monday sections should submit weekly reflections on bCourses by 10am, Friday (9/11) and in hard copy in section during week 4 (along with the week 4 reflections assignment).

Sep 7. Labor Day Holiday. No class

Recommended:

http://www.pbs.org/newshour/bb/business/september96/labor_day_9-2.html

Recommended: <http://www.iww.org/projects/mayday/origins.shtml>

Sep 9. Rebuilding New Orleans and restoring Louisiana's wetland ecosystems

Video: New Orleans: Recovery or Removal? GRITtv with Laura Flanders. 25 minutes.
<http://grittv.org/?video=new-orleans-recovery-or-removal>

Klein, Naomi. "The Shock Doctrine in action in New Orleans." Huffington Post (Dec 21, 2007).

http://www.huffingtonpost.com/naomi-klein/the-shock-doctrine-in-act_b_77886.html

MRGO Must Go Coalition. 10th Anniversary of Katrina: Making New Orleans Sustainable Delta City for the next century (2015). 1-23.
<http://www.mrgomustgo.org/images/stories/pdf/mrgo-k10-report-small.pdf>

Marshall, Bob. "New research indicates Mississippi River diversions could harm marshland." The Lens (Apr 10, 2013).
<http://thelensnola.org/2013/04/10/new-research-indicates-mississippi-river-diversions-could-harm-marshland/>

Mezzi, Pietro. "New Orleans has a Plan to keep the water at bay." Abitare (Jul 31, 2015). *Also see the photo gallery link at the end of the article.
<http://www.abitare.it/en/habitat-en/urban-design-en/2015/07/31/new-orleans-has-a-plan-to-keep-the-water-at-bay/>

Sep 11. Property as social process

Macpherson, C.B. "The meaning of property." C.B. Macpherson, ed., Property: Mainstream and Critical Positions (1981). 1-11.

WEEK 4

Section: Weekly reflections due in section and on bCourses the day of your section by 10am or before sections meeting earlier than 10am.

Sep 14. Revolutionary values: property, liberty and the American social contract

Locke, John. "Of property." C.B. Macpherson ed., Property: Mainstream and Critical Positions (1981). 17-27.

Deloria Jr., Vine. "Minorities and the Social Contract," Georgia Law Review, Vol. 20, No. 917 (1985-1986): 917-34.

The Declaration of Independence (1776).

UNIT TWO: NATIVE AMERICANS, EUROPEAN AMERICANS AND NATURAL RESOURCES

We examine historical Native American and European American natural resource management practices, focusing on divergent concepts of nature and property, the implications of contact with Europeans and involvement in emerging global trade for Indian populations and environments. Then we explore ideas and representations of Native Americans and the frontier in the popular imagination. Next, we review federal resource management and Indian policy. Finally, we consider a case study of Yurok resource management in northern California. Throughout, we seek to understand how land has moved from Indian to European American control, and the significance of this process for people and ecosystems.

Sep 16. Northeastern woodlands Indian resource management

Merchant, Carolyn. "From corn mothers to Puritan fathers." Ecological Revolutions: Nature, Gender, and Science in New England (1989). 69-85.

Cronon, William. "Bounding the land." Changes in the Land: Indians, Colonists, and the Ecology of New England (1988). 54-67.

Sep 18. Colonist resource management in New England

Cronon, William. "Bounding the land." Changes in the Land: Indians, Colonists, and the Ecology of New England (1988). 67-81.

Nash, Roderick. "Introduction" and "Prologue." Wilderness and the American Mind (2001). xi-xiv; 1-7.

WEEK 5

Section: FNR paper due in section and on bCourses the day of your section by 10am or before sections meeting earlier than 10am.

Sep 21. Changing landscapes in the New World

Cronon, William. "A world of fields and fences." Changes in the Land: Indians, Colonists, and the Ecology of New England (1988). 127-53.

Jefferson, Thomas. "Thomas Jefferson Extols the Agrarian Ideal, 1787." Carolyn Merchant ed., Major Problems in American Environmental History (2005). 134.

Sep 23. The North American fur trade

Wolf, Eric R. "The fur trade." Europe and the People without History. (1982). 158-172; 192-194.

Martin, Calvin. "Micmacs and the French in the northeast." Carolyn Merchant ed., Major Problems in American Environmental History (2005). 50-58.

Sep 25. The ecological Indian?

Krech, Shephard. "Fire." The Ecological Indian: Myth and History (1999). 101-22.

Tallbear, Kimberly. "Shepherd Krech's The Ecological Indian: One Indian's Perspective," International Institute for Indigenous Resource Management (Sept. 2000): 1-5.

Anderson, M. Kat. "Methods of caring for the land." Tending the Wild: Native American Knowledge and the Management of California's Natural Resources. (2005). 125-127; 144-154.

WEEK 6

Section: Weekly reflections due in section and on bCourses the day of your section by 10am or before sections meeting earlier than 10am.

Sep 28. The frontier: myth and rurality

Turner, Frederick Jackson. "The Significance of the Frontier in American History" (1894).

Limerick, Patricia Nelson. "Introduction: Closing the frontier and opening western History;" "Property values." The Legacy of Conquest: The Unbroken Past of the American West (1988). 17-32; 55-62.

Scott, Donald M. "The Religious Origins of Manifest Destiny."
<http://nationalhumanitiescenter.org/tserve/nineteen/nkeyinfo/mandestiny.htm>

Sep 30. Inventing the Indian

*Come to class prepared to discuss images from this lecture's powerpoint presentation.

Schimmel, Julie. "Inventing the Indian." William H. Truettner, ed., The West As America: Reinterpreting Images of the Frontier, 1820-1920 (1991). 149-89.

**A powerpoint file titled "Schimmel images," with all of the images in the Schimmel article, is available in the Inventing the Indian lecture folder on bCourses. Please use this while reading the Schimmel article.

Oct 2. Indian policy 1: federal powers

Deloria Jr., Vine and Clifford M. Lytle. "American Indians in historical perspective."
American Indians, American Justice (1983). 1-8.

Kidwell, Clara Sue. "The Effects of Removal on American Indian Tribes."
<http://www.nhc.rtp.nc.us/tserve/nattrans/ntecoindian/essays/indianremoval.htm>

WEEK 7

Section: No assignment due

Oct 5. Indian policy 2: wardship and sovereignty

Deloria Jr., Vine and Clifford M. Lytle. "American Indians in historical perspective."
American Indians, American Justice (1983). 8-24.

"Rupert Costo (Cahuilla) condemns the Indian New Deal, 1986." Albert Hurtado and Peter Iverson eds., Major Problems in American Indian History (2001). 457-59.

"Ben Reifel (Brulé Lakota) praises the legacy of John Collier, 1986." Albert Hurtado and Peter Iverson eds., Major Problems in American Indian History (2001). 460-62.

Oct 7. Managing the Yurok forest

Huntsinger, Lynn and Sarah McCaffrey. "A Forest for the Trees: Forest Management and the Yurok Environment, 1859-1994." American Indian Culture and Research Journal 19:4 (1995). 155-92.

Oct 9. **Midterm 1** – Bring a large blue (or, better yet, green) book for the exam.

UNIT THREE: HISPANOS AND THE COMMONS

We examine resource management in the Rio Grande Valley of northern New Mexico, focusing on social and environmental history, Spanish and Mexican land grants, cultural heritage and identity and the expansion of the market economy under American sovereignty. Then we consider issues associated with common pool resources, sustainability and environmental justice in terms of approaches to rangeland management in the region.

WEEK 8

Section: Come to section having read the final paper assignment sheet or the final group assignment sheet, and the document titled “Getting started and following through on your final paper,” all of which are available in the “Final Project” folder on bCourses.

Oct 12. Hispano culture, land and resource management

DuBuys, William. “Introduction: Place;” and “Holding on.” Enchantment and Exploitation: The Life and Hard Times of a New Mexico Mountain Range. (1985). 3-12; 61-78.

Atencio, Ernest. “Culture, Ecology, Belonging.” Of Land and Culture: Environmental Justice and Public Lands Ranching in Northern New Mexico (2001). 26-32.
http://quiviracoalition.org/images/pdfs/723-Of_Land_and_Culture.pdf

Groenfeldt, David J. Culture, Irrigation, and Ecosystems in northern New Mexico (USA). nd.
<http://webcache.googleusercontent.com/search?q=cache:YXQ4ycrUmQJ:ftp://ftp.fao.org/agl/emailconf/wfe2005/Acequia.doc+&cd=37&hl=en&ct=clnk&gl=us>

Handout: Cultures and ecosystems of the upper Rio Grande Valley.
*Available in the Unit III resources folder.

Oct 14. Conquest, the state and economic development

Robbins, William G. “The U.S.-Mexico borderlands: tradition versus modernization.” Colony and Empire: The Capitalist Transformation of the American West (1994). 22-39.

Handout: Land grant adjudication. *Available in the Unit III resources folder.

Oct 16. Tierra o Muerte (land or death)

Film in class: Tierra o Muerte.

DuBuys, William. “Manitos.” Enchantment and Exploitation: The Life and Hard Times of a New Mexico Mountain Range (1985). 193-213.

Handout: Tierra o Muerte worksheet. *Available in the Unit III resources folder.

WEEK 9

Section: All students should attend a section on your book choice. The book weekly reflections assignment is due in the section that you attend this week.

Oct 19. The commons: tragedy and sustainability

Hardin, Garrett. "The Tragedy of the Commons." Science 162 (Dec 3, 1968): 1243-48.

Berkes, F., D. Feeny, B.J. McKay, and J.M. Acheson. "The Benefits of the Commons." Nature 340 (Jul 13, 1989): 91-93.

Handout: Evaluating long term sustainability of CPR systems.

*Available in the Unit III resources folder.

Recommended: Ostrom, Elinor. "Similarities among enduring, self-governing CPR Institutions." Governing the Commons: The Evolution of Institutions for Collective Action (2003). 88-102.

Oct 21. Social and environmental change in northern New Mexico rangelands

Correia, David. "On the Etiology of Rangeland Degradation in New Mexico: A Critique of Establishment Explanation." Southwestern Geographer vol. 8 (2004): 35-63.
https://www.academia.edu/4958851/On_the_Etiology_of_Rangeland_Degradation_in_New_Mexico_A_Critique_of_Establishment_Explanation

OR (choose one or the other reading, and be prepared to discuss it in section).

DuBuys, William. "Washed and worn." Enchantment and Exploitation: The Life and Hard Times of a New Mexico Mountain Range (1985). 215-34.

Handout: Environmental change in northern New Mexico rangelands.

*Available in the Unit III resources folder.

Oct 23. Rangeland management, sustainable development and environmental justice in Rio Arriba

Pulido, Laura. "Sustainable Development at Ganados del Valle." In Robert D. Bullard, ed., Confronting Environmental Racism: Voices from the Grassroots (1993). 123-39.

Matthews, Kay. "Quivira Coalition Workshop - Herding: An idea whose time has returned whose time has returned." La Jicarita News, Vol. 4, No.4 (April 1999).
<http://www.lajicarita.org/99apr.htm> - quivira

Handout: Sustainable development and environmental justice.

*Available in the Unit III resources folder.

Recommended: Gerard, Robert. "Case Study: Transitioning to organics. Tierra Wools parts 1 & 2: Linking old traditions with contemporary enterprise."
<http://www.newfarm.org/features/2005/0905/tierrawools/gerard.shtml>
<http://www.newfarm.org/features/2005/0905/tierrawools/gerard2.shtml>

UNIT FOUR: ASIAN AMERICANS AND NATURAL RESOURCES IN CALIFORNIA

We study Asian American immigration and life in California, focusing on the experiences of Chinese and Japanese Americans between the Gold Rush and the Second World War. We consider their roles in the development of mining, transportation and agriculture, and their relationships with European Americans and the state.

WEEK 10

Section: Weekly reflections due in section and on bCourses the day of your section by 10am or before sections meeting earlier than 10am.

Film: Becoming American: The Chinese Experience. Gold Mountain Dreams.

The url and required segments of a streaming version of this film will be posted on bCourses by October 23. View this film online by Friday (10/30) or see a screening of the film on Tuesday night (10/27). Time and location tba.

Oct 26. Unit introduction: Asian immigration and California

Takaki, Ronald. "Overblown with hope: The first wave of Asian immigration." Strangers from a Different Shore: The History of Asian Americans (1989). 21-42.

Saxton, Alexander. "The labor force in California." The Indispensable Enemy: Labor and the Anti-Chinese Movement in California (1995). 3-18.

Oct 28. Chinese and the California gold rush

Chang, Iris. "Gold Rushers on Gold Mountain." The Chinese in America (2003). 38-46.

Rohe, Randall. "Mining's impact on the land." Carolyn Merchant ed., Green Versus Gold: Sources in California's Environmental History (1998). 125-35.

Oct 30. Building the railroads

Chang, Iris. "Building the transcontinental railroad." The Chinese in America (2003). 53-62.

White, Richard. "Labor in Nature." Railroaded: The Transcontinentals and the Making of Modern America (2011). 225-29.

WEEK 11

Section: Final paper topic paragraph due on bCourses the day of your section by 10am or before sections meeting earlier than 10am.

Nov 2. Chinese exclusion and resistance

Limerick, Patricia Nelson. "Racialism on the run." The Legacy of Conquest: The Unbroken Past of the American West (1988). 259-69.

Okihiro, Gary Y. "Extending democracy's reach." Clyde A Milner II ed., A New Significance: Re-envisioning the History of the American West (1996). 168-73.

Nov 4. Chinese laborers and farmers in the California Delta

Chan, Suchen. "New world delta" and "Potato kings." This Bittersweet Soil (1986). 160-62; map on page 166; 171-91; 192-203.

Recommended: Gillenkirk, Jeff and James Motlow. "Ping Lee;" "Jo Lung" Bitter Melon: Inside America's Last Rural Chinese Town (1997). 29-40; 84-87.

Recommended: Locke, Ca. photos: <http://www.scrapbookpages.com/photoessays/Locke/>

Nov 6. Japanese immigration and agriculture

Takaki, Ronald. "Ethnic solidarity: The settling of Japanese America." Strangers from a Different Shore: The History of Asian Americans (1989). 179-197.

Recommended: Masumoto, David Mas. "Dreams in a land." Country Voices (1986). 168-73.

Recommended: Takaki, Ronald. "Ethnic solidarity: The settling of Japanese America." Strangers from a Different Shore: The History of Asian Americans (1989). 197-212.

WEEK 12

Section: Wednesday sections do not meet this week. All other sections meet. Final paper outline due on Friday (11/13) by 6pm on bCourses.

Nov 9. Guest speaker Kaz Mori will discuss his internment experience.

Limerick, Patricia Nelson. "Disorientation and reorientation: The American landscape discovered from the West." Something in the Soil: Legacies and Reckonings in the New West (2000). 200-213.

Smith, Page. "Farm property." Democracy on Trial: The Japanese America Evacuation and Relocation in World War II (1995). 163-69.

Smith, Elmer. "Resettlement of Japanese Americans." Far Eastern Survey, Vol.18, No. 10 (18 May 1949): 117-18.

UNIT V: CALIFORNIA WATER RESOURCE MENAGEMENT

We will dive into historical and contemporary water resource management issues in California, emphasizing the interplay of shifting socioeconomic and cultural contexts as they shape the development and implementation of water resource science, policy and management. We will conclude with two lecture periods in which students will present their final project research on issues associated with water and drought in the Golden State.

Nov 11. Veterans Day Holiday. *No Class*

Nov 13. California waterscapes and water rights

Hannack, Ellen, et al. "Introduction;" "Floods, droughts, and lawsuits: A brief history of California water policy." Managing California's Water: From Conflict to Reconciliation (2011). 1-12; 19-33.

http://www.ppic.org/content/pubs/report/R_211EHR.pdf

Austin, Chris. "Maven's Notebook: California's water systems." nd.

<http://mavensnotebook.com/the-notebook-file-cabinet/californias-water-systems/>

WEEK 13

Section: No assignment due.

Nov 16. Plumbing the Golden State: infrastructure in a hydraulic society

Hannack, Ellen, et al. "Floods, droughts, and lawsuits: A brief history of California water policy." Managing California's Water: From Conflict to Reconciliation (2011). 33-58.

http://www.ppic.org/content/pubs/report/R_211EHR.pdf

Worster, Donald. "Hydraulic Society in California." In Carolyn Merchant ed., Green Versus Gold: Sources in California's Environmental History (1998). 233-39.

Nov 18. Delta blues: water wars and reconciliation

Madrigal, Alexis C. "American Aqueduct: The great California water saga." The Atlantic (Feb 24, 2014).

<http://www.theatlantic.com/technology/archive/2014/02/american-aqueduct-the-great-california-water-saga/284009/>

California Water Blog. "Ten realities for managing the Delta." Jul 23. 2015.

<http://californiawaterblog.com/2015/07/23/ten-realities-for-managing-the-delta-2/>

KQED Quest. "California's deadlocked Delta." nd.

<http://science.kqed.org/quest/delta-map/>

Video: California's water supply on shaky ground. Apr 29, 2015.

http://www.kcet.org/shows/socal_connected/stories/environment/californias-water-supply-on-shaky-grounds.html

Nov 20. Looking to the future: Managing Water as a “public commodity”

Gray, Brian E. “The reasonable use doctrine in California water law and policy.” Allison Lassiter ed., Sustainable Water: Challenges and Solutions from California (2015). 83-107.

Other readings tba

WEEK 14

Section: No section this week.

Final paper draft 1 due Sunday (11/22) on bCourses and by email to peer reviewers by 6pm

Nov 23. Floods, flumes, and fantasms: Pondering the L.A. River

Price, Jenny (2008). “Remaking American Environmentalism: On the Banks of the L.A. River.” *Environmental History* 13.3 (July, 2008): 536-555.
http://www.believmag.com/issues/200604/?read=article_price

Video: Big Changes coming to the L.A. River (2014).
http://www.kcet.org/shows/socal_connected/stories/environment/los-angeles-river.html

Recommended: Jao, Carren. “Lingering Thoughts on the L.A. River: A Q&A with Jenny Price.” (2013).
<http://www.kcet.org/socal/departures/lariver/confluence/river-notes/lingering-thoughts-on-the-los-angeles-river-a-qa-with-jenny-price.html>

Recommended: “Departures: The Northeast L.A. Riverfront Collaborative.”
<http://www.kcet.org/socal/departures/nela/>

Nov 25 & 27. Thanksgiving Holiday. *No class*

WEEK 15

Section: Final paper peer review due in section and on bCourses the day of your section by 10am or before sections meeting earlier than 10am.

Nov 30. Student presentations 1: Dust Bowl 2.0 meets Godzilla El Niño

Readings tba

Dec 2. Student presentations 2: Is the solution to diminution a personal resolution or a water management revolution?

Readings tba

Dec 4. Course wrap up

Angelou, Maya. “On the Pulse of Morning” (1993).
<http://www.america.gov/st/texttransenglish/2009/January/20090112155227berehe1lek0.2457697.html&distid=ucs>
Video. <http://www.youtube.com/watch?v=HDtw62Ah2zY>

Assignment, quiz and exam schedule

Week	Assignments (for all students)	Final project Options 1	Final project Options 2	Final project Option 3	Quizzes and exams
Week 1					
Week 2					Quiz
Week 3	*WR3				Quiz
Week 4	WR4				Quiz
Week 5	FNR paper				Quiz
Week 6	WR 6				Quiz
Week 7					Exam
Week 8				# O3 Subject area check in	Quiz
Week 9	WR9 (Book WR)		O2 Paragraph	O3 Paragraph	Quiz
Week 10	WR10				Quiz
Week 11		O1 FP Paragraph		O3 PROTIAB	Quiz
Week 12		+ O1 FP Outline	O2 Outline, Annotated Bib & Task Inventory 1		Quiz
Week 13				O3 Draft 1 & Storyboard	Quiz
Week 14		++ O1 FP Draft 1	O2 Draft 1 & Progress Reports	## O3 Peer Review	
Week 15		O1 FP peer review		O3 Presentation	Quiz
Week 16		+++ O1 Final Paper & Peer review response	#### O2 Final Paper, PR response, Task Inventory 2	#### O3 Final Paper & Task Inventory 2	
Week 17					^ Exam

* WR3: Monday sections submit WR by 10am, Friday (9/11)

+ O1 FP outline & O2 Outline, Annot. Bib. and Task Inventory 1: Assignment due F (11/13) 6pm

++ O1 FP draft 1: Assignment due S (11/22) 6pm

+++ O1 Final paper: Assignment due Wednesday (12/9) on bCourses by 6pm.

O3 Subject area check in: See Option 3 assignment sheet for information.

O3 Peer Review: due Monday (11/23) by 6pm on bCourses and to PR partners

O2/O3 Final paper & Task Inventory 2: Assignment due Wednesday (12/9) on bCourses by 6pm.

^ Final exam: Monday (12/14), 11:30-2:30. Location tba.

Assignment submission: Unless otherwise noted in the syllabus, all assignments are due in hard copy in your discussion section and on bCourses on the day of your section meeting by 10am or before section if your section meets earlier.

Quizzes: You must complete your choice of any 6 of the 12 quizzes.