

SEMESTER AT SEA COURSE SYLLABUS

Colorado State University, Academic Partner

Voyage:	Spring 2019
Discipline:	History
Course Number and Title:	HIST 470 World Environmental History, 1500-Present
Division:	Upper
Faculty Name:	Andrea Duffy
Semester Credit Hours:	3

Prerequisites: Completion of no fewer than 45 credits, including a minimum of three (3) history credits

Meeting: A days, 1400-1520 in Adlon

COURSE DESCRIPTION

Environmental history examines human interactions with the environment in the past. This relatively new field offers fresh and valuable perspective on historical developments and on contemporary environmental issues. World environmental history applies a global perspective to such subjects, highlighting patterns and connections across space and time.

HIST 470 introduces students to the methods, sources, development, content, and contributions of world environmental history. More broadly, it will familiarize you with historiography and the practice of history. Course materials provide a thematic approach to the field, examining key points of inquiry such as ideas of nature, environmentalism, cities and the built environment, climate change, natural resources, imperialism, and environmental justice and injustice. As we travel around the world, this course will highlight subjects and stories that resonate with specific points along our voyage. Through assignments, discussions, and other activities, we will place these subjects in a global framework, highlighting patterns and connections across space and time. This course aims to expose the critical roles that the environment plays in human affairs. In the process, it will deepen your awareness of and appreciation for the wider world.

LEARNING OBJECTIVES

By the end of the semester, you should be able to...

- Demonstrate familiarity with key methods, themes, and content of world environmental history;
- Explain the value of an environmental lens in understanding and investigating historical subjects;
- Critically read and evaluate primary sources; and
- Engage primary and secondary sources in original historical research.

REQUIRED TEXTBOOKS

AUTHOR: McNeill, J. R., and Erin Stewart Maudlin, eds.

TITLE: *A Companion to Global Environmental History*

PUBLISHER: Wiley-Blackwell

ISBN #: 978-1118977538

DATE/EDITION: 2015/1st Edition

TOPICAL OUTLINE OF COURSE

Depart Ensenada, Mexico – January 5

Part I: Foundations and Perspectives

A1–January 7: Introduction to the Course

Reading: *Companion to World Environmental History*, Introduction.

A2–January 9: What is Environmental History?

Reading: William Cronon, “A Place for Stories: Nature, History, and Narrative,” *Journal of American History* 78, no. 4 (March 1, 1992): 1347–76.

A3–January 11: World Environmental History

Reading:

1. *Companion to World Environmental History*, Chapter 4: The Modern World.
2. Adam Smith, “Of Colonies”: <http://www.let.rug.nl/usa/documents/1776-1785/adam-smith-from-the-wealth-of-nations-1776-of-colonies.php>.

Honolulu, Hawaii – January 12

Part II. Asia & Oceania

A4–January 14: Oceania

Reading:

1. *Companion to World Environmental History*, Chapter 12: Oceania.
2. Ferdinand Magellan's Voyage Round the World (1519-1522 CE): <https://sourcebooks.fordham.edu/halsall/mod/1519magellan.asp>.

January 16–International Date Line crossing (Lost Day)

A5–January 17: The Island Pacific

Reading: J. R. McNeill, “Of Rats and Men: A Synoptic Environmental History of the Island Pacific,” *Journal of World History* 5, no. 2 (1994): 299–349.

Study Day (No Class) – January 19

A6–January 20: The Environment in Imperial Japan

Reading:

1. Brett L. Walker, "Meiji Modernization, Scientific Agriculture, and the Destruction of Japan's Hokkaido Wolf," *Environmental History* 9, no. 2 (2004): 248–74.
2. Kären Wigen, "Discovering the Japanese Alps: Meiji Mountaineering and the Quest for Geographical Enlightenment," *Journal of Japanese Studies* 31, no. 1 (2005): 1–26.

A7—January 22: Contemporary Japanese Environmental History

Reading:

1. Simon Avenell, "From Fearsome Pollution to Fukushima: Environmental Activism and the Nuclear Blind Spot in Contemporary Japan," *Environmental History* 17, no. 2 (2012): 244–76.
2. "Voices of Hibakusha": <https://www.inicom.com/hibakusha/>

Kobe, Japan — January 24-28

A8—January 29: China's Environment in the Longue Duree

Reading:

1. Mark Elvin, "Three Thousand Years of Unsustainable Growth: China's environment from archaic times to the present," in McNeill and Roe, *Global Environmental History: An Introductory Reader* (2013).
2. Mark Elvin, *The Retreat of the Elephants* (Yale University Press, 2004): Chapter 12: Imperial Dogma and Personal Perspectives, excerpts.

Shanghai, China — January 31 - February 1

In-Transit — February 2-3

Hong Kong, SAR — February 4-5

A9—February 6: Southeast Asian Environmental History

Environmental Analysis Essay #1 Due

Reading:

1. *Companion to World Environmental History*, Chapter 5: Southeast Asia.
2. James C. Scott, *The Art of Not Being Governed* (Yale University Press 2009), Chapter 1: "Hills, Valleys, and States," pp. 1-39.

Ho Chi Minh City, Vietnam — February 8-13

Part II: Environmental Elements

A10—February 14: Introduction to Environmental Elements

Reading:

1. *Companion to World Environmental History*, Chapter 17: Riverine Environments
2. *Companion to World Environmental History*, Chapter 23: Industrial Agriculture

Community Programming (No Class) — February 16

A11—February 17: Biological Elements

Reading:

1. *Companion to World Environmental History*, Chapter 24: Biological Exchange

2. Kennedy, Donald, and Marjorie Lucks. "Rubber, Blight, and Mosquitoes: Biogeography Meets the Global Economy." *Environmental History* 4, no. 3 (1999): 369–83.

Yangon, Myanmar – February 19-23

A12–February 24: Climate History

Reading:

1. *Companion to World Environmental History*, Chapter 22: Climate Change
2. Dipesh Chakrabarty, "The Climate of History: Four Theses," *Critical Inquiry* 35, no. 2 (2009): 197–222.

A13– February 26: Forests and Forestry

Environmental Analysis Essay #2 Due

Reading:

1. *Companion to World Environmental History*, Chapter 15: Global Forests
2. Arun Agrawal, *Environmentality*, excerpts.

Cochin, India – February 28 – March 5

Part III: Human Impact

A14–March 6: Environment and Technology

Reading:

1. *Companion to World Environmental History*, Chapter 19: Technology and the Environment.
2. Peter Gwin, "The Shipbreakers," *National Geographic* (May 2014).

Community Programming (No Class) – March 7

A15–March 9: Science and Environmental History

Reading:

1. *Companion to World Environmental History*, Chapter 21: Evolution and the Environment.
2. Charles Darwin, *The Voyage of the Beagle*, excerpts.

Port Louis, Mauritius – March 11

A16–March 12: Environmental Resources

Environmental Analysis Essay #3 Due

Reading: Sidney Mintz, *Sweetness and Power*, Chapter 1: Production

A17–March 14: Introduction to African Environmental History

Reading:

1. *Companion to World Environmental History*, Chapter 6: Environmental History in Africa.
2. Jane Carruthers, "Conservation and Wildlife Management in South African National Parks 1930s-1960s," *Journal of the History of Biology* 41, no. 2 (2008): 203–36.

A18–March 16: Environmental Injustice

Reading:

1. *Companion to World Environmental History*, Chapter 20: Cities and the Environment.
2. Nancy J. Jacobs, "The Great Bophuthatswana Donkey Massacre: Discourse on the Ass and the Politics of Class and Grass." *The American Historical Review* 106, no. 2 (2001): 485–507.

Cape Town, South Africa – March 18-23

A19—March 24: War and the Environment

Reading:

1. *Companion to World Environmental History*, Chapter 18: War and the Environment.
2. Rafael Reuveny, Andreea S Mihalache-O'Keef, and Quan Li, "The Effect of Warfare on the Environment," *Journal of Peace Research* 47, no. 6 (2010): 749–61.

A20—March 26: Religion and Environmentalism

Environmental Analysis Essay #4 Due

Reading:

1. *Companion to World Environmental History*, Chapter 27: Religion and Environmentalism.
2. Carolyn Merchant, *Reinventing Eden*, excerpts.

A21—March 28: Global Environmentalism

Reading:

1. *Companion to World Environmental History*, Chapter 28: Environmentalism of the Poor
2. Paul du Chaillu, *Travels in Africa, 1868-1870*:
<https://sourcebooks.fordham.edu/Halsall/mod/1870chailu-africa.asp>

Takoradi, Ghana – March 30 - April 1

Tema, Ghana – April 2-3

A22—April 4: Environmentalism and Imperialism

Reading:

1. Richard Grove and Vimita Damodaran, "Imperialism, Intellectual Networks, and Environmental Change," in *Nature's End: History and the Environment* (2009).
2. *Companion to World Environmental History*, Chapter 26: Environmentalism and Environmental Movements in China since 1949.

A23—April 6: Middle Eastern Environmental History

Reading:

1. *Companion to World Environmental History*, Chapter 10: The Middle East in Global Environmental History.
2. Andrea Duffy, "Civilizing through Cork: Conservationism and la Mission Civilisatrice in French Colonial Algeria," *Environmental History* 23, no. 2 (2018), pp. 270–292.

Study Day (No Class) – April 8

A24— April 9:

Final Project Due

Reading:

1. Vincent, Peter, and Barney Warf. "Claret and Couscous: The Symbolic Townscape of a Moroccan Mountain Resort." *Geographical Review* 95, no. 4 (2005): 594–606.
2. Edmondo de Amicis, "One Day in Morocco" (c. 1870):
<https://sourcebooks.fordham.edu/halsall/mod/1870morocco.asp>.

Casablanca, Morocco – April 11-14

A25—April 15: Final Exam

Environmental Analysis Essay #5 Due

Arrive Hamburg, Germany – April 19

FIELD WORK

Semester at Sea field experiences allow for an unparalleled opportunity to compare, contrast, and synthesize the different cultures and countries encountered over the course of the voyage. In addition to the one field class, students will complete independent field assignments that span multiple countries.

Field Class & Assignment

Field Class:

The field class for this course is on **Saturday, 30 March, in Takoradi, Ghana.**

Field Class attendance is mandatory for all students enrolled in this course. Do not book individual travel plans or a Semester at Sea sponsored trip on the day of your field class.

Field Classes constitute at least 20% of the contact hours for each course, and are developed and led by the instructor.

Title: Conservation and History in Kakum National Park

This field day will investigate past and present human conceptions of nature, wilderness, conservation, and environmental exploitation in a global context. We will tour Kakum National Park. As a protected natural space, this park reflects local and global views of nature, appreciation for the environment, and wildlife conservation. It demonstrates the globalization of environmentalism over time, as well as the ways this idea has been reshaped and reimagined in global contexts. This field day will expose students to Ghana's rich environment and wildlife. In addition, it will provide insight into non-Western approaches to environmental conservation and serve as a valuable primary source for world environmental history.

Learning Objectives:

- Identify human impact on landscapes and 'natural' spaces
- Distinguish between 'built' and 'natural' environments
- Deconstruct and distinguish global perceptions of nature and wilderness
- Understand the role of imperialism in the history of environmental exploitation and environmental conservation

Independent Field Assignments

In addition to mandatory participation in the course field day, you will incorporate your experiences at port locations around the world into the course in the following assignments:

- **Environmental Analysis Essays:** During the semester, you will write five (5) essays integrating your port experiences with course readings and discussion. Each essay should focus on a specific port or location, engage at least one assigned reading, and be 2-3 pages in length, double-spaced.
- **Group Presentation:** You and a classmate will prepare a 15-20 minute presentation engaging the environmental history of one of the Semester at Sea port locations.

METHODS OF EVALUATION

Participation: 15%

Discussion Leader: 15%

Group Presentation: 15%

Environmental Analysis Essays (5): 20% total

Field Day Participation & Reflection: 20% total

Final Project: 15%

GRADING SCALE

The following Grading Scale is utilized for student evaluation. Pass/Fail is not an option for Semester at Sea coursework. Note that C-, D+ and D- grades are also not assigned on Semester at Sea in accordance with the grading system at Colorado State University (the SAS partner institution).

Pluses and minuses are awarded as follows on a 100% scale:

<u>Excellent</u>	<u>Good</u>	<u>Satisfactory/Poor</u>	<u>Failing</u>
97-100%: A+	87-89%: B+	77-79%: C+	Less than 60%: F
93-96%: A	83-86%: B	70-76%: C	
90-92%: A-	80-82%: B-	60-69%: D	

ATTENDANCE/ENGAGEMENT IN THE ACADEMIC PROGRAM

Attendance in all Semester at Sea classes, including the Field Class, is mandatory. Students must inform their instructors prior to any unanticipated absence and take the initiative to make up missed work in a timely fashion. Instructors must make reasonable efforts to enable students to make up work which must be accomplished under the instructor's supervision (e.g., examinations, laboratories). In the event of a conflict in regard to this policy, individuals may appeal using established CSU procedures.

LEARNING ACCOMMODATIONS

Semester at Sea provides academic accommodations for students with diagnosed learning disabilities, in accordance with ADA guidelines. Students who will need accommodations in a class, should contact ISE to discuss their individual needs. Any accommodation must be discussed in a timely manner prior to implementation.

A letter from the student's home institution verifying the accommodations received on their home campus (dated within the last three years) is required before any accommodation is provided on the ship. Students must submit this verification of accommodations to academic@isevoyages.org as soon as possible, but no later than two months prior to the voyage.

STUDENT CONDUCT CODE

The foundation of a university is truth and knowledge, each of which relies in a fundamental manner upon academic integrity and is diminished significantly by academic misconduct. Academic integrity is conceptualized as doing and taking credit for one's own work. A pervasive attitude promoting academic integrity enhances the sense of community and adds value to the educational process. All within the University are affected by the cooperative commitment to academic integrity. All Semester at Sea courses adhere to this Academic Integrity Policy and Student Conduct Code.

Depending on the nature of the assignment or exam, the faculty member may require a written declaration of the following honor pledge: "I have not given, received, or used any unauthorized assistance on this exam/assignment."

RESERVE BOOKS FOR THE LIBRARY

AUTHOR: Mintz, Sidney
TITLE: Sweetness and Power
PUBLISHER: Penguin
ISBN #: 0140092331
DATE/EDITION: 1986

AUTHOR: Darwin, Charles
TITLE: Voyage of the Beagle
PUBLISHER: Penguin
ISBN #: 014043268X
DATE/EDITION: 1989

AUTHOR: McNeill and Roe, eds.
TITLE: *Global Environmental History: An Introductory Reader*
PUBLISHER: Routledge
ISBN #: 9780415520539

DATE/EDITION: 2013

FILM REQUEST

Title of Film: An inconvenient truth
Distributor: Paramount

Title of Film: The smog of the sea
Distributor: Brushfire

Title of Film: Human footprint
Distributor: National Geographic

Title of Film: Journey to planet Earth
Distributor: Screenscope

Title of Film: Encounters at the end of the world
Distributor: Discovery Channel

Title of Film: Rachel Carson's Silent Spring
Distributor: WGBH Boston Video

Title of Film: Plastic paradise
Distributor: bullfrog Films

Title of Film: Guns germs and steel
Distributor: National Geographic

Title of Film: Dirt! The movie
Distributor: Docurama Films

Title of Film: A passion for sustainability
Distributor: Landfall Productions

Title of Film: World's last great places collection
Distributor: National Geographic

ELECTRONIC COURSE MATERIALS

AUTHOR: Mintz, Sidney
ARTICLE/CHAPTER TITLE: Production (Chapter 1)
JOURNAL/BOOK TITLE: Sweetness and Power (book)
VOLUME:
DATE: 1986
PAGES: Entire chapter

AUTHOR: Elvin, Mark
ARTICLE/CHAPTER TITLE: Chapter 12: Imperial Dogma and Personal Perspectives
JOURNAL/BOOK TITLE: *Retreat of the Elephants* (book)
VOLUME:
DATE: 2004
PAGES: Entire chapter

AUTHOR: McNeill and Roe, eds.
ARTICLE/CHAPTER TITLE: "Three Thousand Years of Unsustainable Growth: China's environment from archaic times to the present" (by Mark Elvin)
JOURNAL/BOOK TITLE: *Global Environmental History: An Introductory Reader* (book)
VOLUME:
DATE: 2013
PAGES: Entire chapter

AUTHOR: Cronon, William
ARTICLE/CHAPTER TITLE: "A Place for Stories : Nature, History, and Narrative"
JOURNAL/BOOK TITLE: *Journal of American History*
VOLUME: 78, No 4
DATE: March 1992
PAGES: 1347-1376

AUTHOR: Magellan, Ferdinand
ARTICLE/CHAPTER TITLE: "Ferdinand Magellan's Voyage Round the World (1519-1522 CE)"
JOURNAL/BOOK TITLE: Internet Modern History Sourcebook, Fordham University
URL: <https://sourcebooks.fordham.edu/halsall/mod/1519magellan.asp>.

AUTHOR: McNeill, J.R.
ARTICLE/CHAPTER TITLE: "Of Rats and Men: A Synoptic Environmental History of the Island Pacific"
JOURNAL/BOOK TITLE: *Journal of World History*
VOLUME: 5, No. 2
DATE: 1994
PAGES: 299-349

AUTHOR: Walker, Brett
ARTICLE/CHAPTER TITLE: "Meiji Modernization, Scientific Agriculture, and the Destruction of Japan's Hokkaido Wolf"
JOURNAL/BOOK TITLE: *Environmental History*
VOLUME: 9, No. 2
DATE: 2004
PAGES: 248-274

AUTHOR: Wigen, Karen
ARTICLE/CHAPTER TITLE: "Discovering the Japanese Alps: Meiji Mountaineering and the Quest for Geographical Enlightenment"

JOURNAL/BOOK TITLE: Journal of Japanese Studies
VOLUME: 31, No. 1
DATE: 2005
PAGES: 1-26

AUTHOR: Avenell, Simon
ARTICLE/CHAPTER TITLE: "From Fearsome Pollution to Fukushima: Environmental Activism and the Nuclear Blind Spot in Contemporary Japan"
JOURNAL/BOOK TITLE: Environmental History
VOLUME: 17, No. 2
DATE: 2012
PAGES: 244-276

AUTHOR: Scott, James
ARTICLE/CHAPTER TITLE: Chapter 1: "Hills, Valleys, and States"
JOURNAL/BOOK TITLE: *The Art of Not Being Governed*
PUBLISHER: Yale University Press
DATE: 2009
PAGES: 1-39

AUTHOR: Kennedy, Donald, and Marjorie Lucks
ARTICLE/CHAPTER TITLE: "Rubber, Blight, and Mosquitoes: Biogeography Meets the Global Economy"
JOURNAL/BOOK TITLE: Environmental History
VOLUME: 4, No. 3
DATE: 1999
PAGES: 369-383

AUTHOR: Chakrabarty, Dipesh
ARTICLE/CHAPTER TITLE: "The Climate of History: Four Theses"
JOURNAL/BOOK TITLE: *Critical Inquiry*
VOLUME: 35, No. 2
DATE: 2009
PAGES: 197-222

AUTHOR: Agrawal, Arun
ARTICLE/CHAPTER TITLE: "Introduction"
JOURNAL/BOOK TITLE: *Environmentality*
PUBLISHER: Duke University Press
DATE: 2005
PAGES: 1-24

AUTHOR: Gwin, Peter
ARTICLE/CHAPTER TITLE: "The Shipbreakers"
JOURNAL/BOOK TITLE: *National Geographic*
VOLUME: May 2014
DATE: 2014

PAGES: NA

URL: <https://www.nationalgeographic.com/magazine/2014/05/The-Ship-Breakers/>

AUTHOR: Carruthers, Jane

ARTICLE/CHAPTER TITLE: "Conservation and Wildlife Management in South African National Parks 1930s-1960s"

JOURNAL/BOOK TITLE: *Journal of the History of Biology*

VOLUME: 41, No. 2

DATE: 2008

PAGES: 203-236

AUTHOR: Jacobs, Nancy

ARTICLE/CHAPTER TITLE: "The Great Bophuthatswana Donkey Massacre: Discourse on the Ass and the Politics of Class and Grass"

JOURNAL/BOOK TITLE: *The American Historical Review*

VOLUME: 106, No. 2

DATE: 2001

PAGES: 485-507

AUTHOR: Rafael Reuveny, Andreea S Mihalache-O'Keef, and Quan Li

ARTICLE/CHAPTER TITLE: "The Effect of Warfare on the Environment"

JOURNAL/BOOK TITLE: *Journal of Peace Research*

VOLUME: 47, No. 6

DATE: 2010

PAGES: 749-761

AUTHOR: Merchant, Carolyn

ARTICLE/CHAPTER TITLE: "Introduction"

JOURNAL/BOOK TITLE: *Reinventing Eden*

PUBLISHER: Routledge

DATE: 2013 (2nd Edition)

PAGES: Entire chapter

AUTHOR: Grove, Richard, and Vimita Damodaran

ARTICLE/CHAPTER TITLE: "Imperialism, Intellectual Networks, and Environmental Change"

JOURNAL/BOOK TITLE: *Nature's End: History and the Environment*

PUBLISHER: Palgrave / Macmillan

DATE: 2009

PAGES: 23-49

AUTHOR: Paul du Chaillu

ARTICLE/CHAPTER TITLE: "Travels in Africa, 1868-1870 »

JOURNAL/BOOK TITLE: Internet Modern History Sourcebook, Fordham University

URL: <https://sourcebooks.fordham.edu/Halsall/mod/1870chailu-africa.asp>

AUTHOR: Duffy, Andrea

ARTICLE/CHAPTER TITLE: "Civilizing through Cork: Conservationism and la Mission Civilisatrice in French Colonial Algeria"

JOURNAL/BOOK TITLE: *Environmental History*

VOLUME: 23, No. 2

DATE: 2018

PAGES: 270-292

AUTHOR: Vincent, Peter, and Barney Warf

ARTICLE/CHAPTER TITLE: "Claret and Couscous: The Symbolic Townscape of a Moroccan Mountain Resort"

JOURNAL/BOOK TITLE: *Geographical Review*

VOLUME: 95, No. 4

DATE: 2005

PAGES: 594-606

AUTHOR: Edmondo de Amicis

ARTICLE/CHAPTER TITLE: "One Day in Morocco (1870 »

JOURNAL/BOOK TITLE: Internet Modern History Sourcebook, Fordham University

URL: <https://sourcebooks.fordham.edu/halsall/mod/1870morocco.asp>

ADDITIONAL RESOURCES

"Voices of Hibakusha": <https://www.inicom.com/hibakusha/>