

DETAILED COURSE SCHEDULE FOR ENVIRONMENT & SOCIETY

Unit 1: Precaution and Uncertainty

*"For every complex problem there is an answer that is clear, simple, and wrong."
~ H. L. Mencken, American journalist, satirist, and cultural critic*

Discipline:

environmental studies

(environmental science, environmental social science, environmental humanities)

Concepts:

precautionary principle, artificial reef, risk analysis, cost-benefit analysis, environmental impact assessment, economic impact assessment, maximum sustainable yield, uncertainty, ratchet effect, steady-state bioeconomic theory, sustainability, unintended consequences, wicked problems

Case:

Broward County Artificial Reef

Questions:

What is the precautionary principle? What are the arguments in favor of the precautionary principle? What are the arguments against the precautionary principle? Which arguments do you find most persuasive?

Thursday, January 11

Quiz (1b)

**1 P.M. Thursday,
January 11**

**Peter Whoriskey (2006) Bright Idea of Tire Reef Now
Simply a Blight**

The Washington Post (October 2)

Michael Pollan (2001) Precautionary Principle

The New York Times (December 9)

Charles Weiss (2007) Defining Precaution

Environment 49(8):33-36

Donald Ludwig, Ray Hilborn, & Carl Waters (1993)

**Uncertainty, Resource Exploitation, and Conservation:
Lessons from History***

Science, New Series 260(5104):17 & 36

Unit 2: Issues of Efficacy, Scale, and Epistemology

"The urgent need now is clearly not for more natural science (although in many areas it would be helpful) but rather for better understanding of human behaviors and how they can be altered to direct Homo sapiens onto a course toward a sustainable society, to muster that courage before it's too late. Indeed, the academic focus for solving the predicament needs to shift dramatically [from the natural sciences] to the social sciences and the humanities. Understanding such things as how social norms are generated and how individual actions get translated into group behavior are, in my opinion, central to organizing a successful effort."

~ Paul R. Ehrlich, American biologist

Discipline:

environmental social science

(environmental sociology, natural resource sociology, environmental psychology, ecopsychology, conservation psychology, human dimensions of wildlife management, environmental communication, science communication)

Concepts:

carbon emissions, human-environment interactions, green production/green technology, green consumption, fundamental attribution error, attitude-behavior split, virtual environmentalism, cognitive dissonance, environmental melancholia, moral injury, scale, ecological units, social constructionism, materialism/realism, traditional ecological knowledge, science, framing, science communication, ecological hope, ecological despair, agency, locus of control

Questions:

In terms of scale, where should we direct our efforts and resources for our efforts and resources to be most effective for creating social changes toward a more sustainable world? What is science? Do the results of science speak adequately for themselves or do we need to 'frame' science to speak to wider audiences?

Tuesday, January 16

Essay (2a)
11 P.M. Monday,
January 15

Stephanie Simon (2010) Can Changing Behavior Really Make a Difference?

The Wall Street Journal (October 18)

Gerona Wagner (2011) Going Green but Getting Nowhere

The New York Times (September 7)

Carolyn Raffensperger (2012) Moral Injuries and the Environment: Healing the Soul Wounds of the Body Politic

Science and Environmental Health Network (December 6)

Paul C. Stern (2000) Psychology and the Science of Human-Environment Interactions

American Psychologist 55(5):523-530

Michael Mayerfeld Bell (2009) A-B Split & Virtual Environmentalism

Pages 264-270 in *An Invitation to Environmental Sociology* (Pine Forge Press)

Michael Mayerfeld Bell (2009) Environmental Problems and Society (selection on Social Constitution of Everyday Life)

Pages 28-29 in *An Invitation to Environmental Sociology* (Pine Forge Press)

Thursday, January 18

Quiz (2b)
1 P.M. Wednesday,
January 18

Matthew C. Nisbet & Chris Mooney (2007) Framing Science

Science 316:56

Various (2007) [Responses to Nisbet & Mooney's Framing Science]

Science 317:1168-1170

Chris Mooney (2010) We Have Met the Enemy and It Isn't Ignorance

Conservation Magazine 11(3):48

Daniel Kleinman (2005) Science is Political/Technology is Social: Concerns, Concepts, and Questions

Pages 1-14 in *Science and Technology in Society* by Daniel Kleinman

Sarah Rinkevich, Kim Greenwood, & Crystal Leonetti (2011) Traditional Ecological Knowledge for Application by Service Scientists*

U.S. Fish and Wildlife Service

Unit 3: Environmental Concern

"A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community. It is wrong when it tends otherwise."

~ Aldo Leopold, American conservationist

Discipline:
environmental ethics

Concepts:

land ethic, land pyramid, moral standing, anthropocentrism, biocentrism, ecocentrism, environmental harm, non-identity problem, holistic entities, radical ecology, deep ecology, social ecology, ecofeminism, ecological sovereignty, environmental concern, sustainability, environmental justice, rights and beauty of habitat, ecological hope, ecological despair, agency, locus of control, pragmatism, meliorism, incrementalism

Questions:

What broad ethical positions are there with regard to the environment and how do they differ from each other? Which of these broad environmental ethical positions speaks to you most and why? Where do you stand in terms of ecological hope and ecological despair?

Tuesday, January 23

Essay (3a)

*11 P.M. Monday,
January 22*

Aldo Leopold (1949) The Land Ethic

Pages 201-226 in A Sand County Almanac and Sketches Here and There (Oxford)

Alasdair Cochrane (2007) Environmental Ethics

<http://www.iep.utm.edu/envi-eth/>

David R. Keller (2008) Deep Ecology

Pages 206-211 in Encyclopedia of Environmental Ethics and Philosophy edited by J. Baird Callicott & Robert Frodeman (Macmillan)

Thursday, January 25

Quiz (3b)

*1 P.M. Thursday,
January 25*

James W. Sheppard (2004) Reducing Pessimism's Sway in the Environmental Ethics Classroom

Worldviews 8(2-3):213-226

Project: Red List (3b)

*11 P.M. Sunday,
January 28*

Unit 4: Valuing Nature

"We seem to understand the value of oil, timber, minerals, and housing, but not the value of unspoiled beauty, wildlife, solitude, and spiritual renewal."

~ Calvin from the comic strip "Calvin and Hobbes" by Bill Watterson

Disciplines:

ecology, ecological economics

Concepts:

landscape ecology, community ecology, population ecology, ecosystem ecology, restoration ecology, corridors, keystone species, flagship species, charismatic megafauna, ecosystem, ecosystem management, ecosystem functions, urban ecology, ecosystem services, natural capital, utilitarianism, externalities, tragedy of the commons

Cases:

*The Catskill/Delaware Watershed Protection Program
Reservoir Hill, Baltimore
Leslie Street Spit, Toronto, Canada*

Questions:

*What different types of ecology are there and how do they differ from each other?
What are ecosystem services? What is natural capital? How can the value of ecosystem services and natural capital best be appreciated and communicated?*

Tuesday, January 30

Essay (4a)

11 P.M. Monday,
January 29

Stanley I. Dodson (1998) What Is Ecology? (selections)

Pages 9, 10, 13, & 14 in *Ecology* by Dodson et al.
(Oxford University Press)

Cary Fowler & Pat Mooney (1990) Value of Diversity

Pages 42-53 in *Shattering: Food, Politics, and the Loss of Genetic Diversity* (Arizona)

Robert Costanza et al. (1997) The Value of the World's Ecosystem Services and Natural Capital

Nature 387:253-260 [NOTE: Just skim to get the gist of this piece.]

Stuart L. Pimm (1997) The Value of Everything

Nature 387:231-232

Rebecca L. Goldman (2010) Ecosystem Services: How People Benefit from Nature

Environment: Science and Policy for Sustainable Development 52(5):15-23

Sharon Kingsland (2012) Learning to Value Ecosystem Services

Solutions 2(6):101-106

Thursday, February 1

Quiz (4b)

1 P.M. Thursday,
February 1

Gretchen C. Daily & Katherine Ellison (2002) The New Economy of Nature

Orion Magazine (Spring)

Reflection (1b-4b)

11 P.M. Friday,
February 2

Unit 5: Sustainability

"As we peer into society's future, we—you and I, and our government—must avoid the impulse to live only for today, plundering, for our own ease and convenience, the precious resources of tomorrow."

~ Dwight D. Eisenhower, 34th President of the United States, 1953-1961, and Five Star General who served as Supreme Commander of Allied Forces in Europe during World War Two

Disciplines:

sustainability, environmental education

Concepts:

sustainability, sustainability revolution, Brundtland Report, sustainable development, sustainable livelihoods, weak sustainability, strong sustainability, Deep Greens, urban sustainability, Limits to Growth, sustainable growth, steady state economy, place-based education, sense of place, environmental literacy, nature deficit disorder, biophilia

Cases:

*Campus sustainability initiatives at:
York University, Toronto, Ontario, Canada
The Ohio State University
The University of Nebraska-Lincoln
Northern Arizona University
Kean University, New Jersey
Australian National University, Canberra, Australia
Other cases:
Center for Health, Environment, and Justice*

Questions:

What broad positions are there with regard to sustainability and how do they differ from each other? Where do you stand intellectually/philosophically amongst these positions and why?

Tuesday, February 6

Essay (5a)
*11 P.M. Monday,
February 5*

Andres R. Edwards (2005) Portrait of the Sustainability Revolution

Pages 1-10 in The Sustainability Revolution: Portrait of a Paradigm Shift (New Society Publishers)

Piers H. G. Stephens (2008) Sustainability

Pages 286-289 in Encyclopedia of Environmental Ethics and Philosophy, edited by Callicott & Frodeman (Routledge)

Bill Hopwood, Mary Mellor, & Geoff O'Brien (2005) Sustainable Development: Mapping Different Approaches

Sustainable Development 13:38-52

John A. Vucetich & Michael P. Nelson (2010)**Sustainability: Virtuous or Vulgar?**

Bioscience 60(7):539-544

Thursday, February 8
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<i>Option 1</i>	<p>Joseph Fiksel, Rick Livingston, Jay Martin, & Steven W. Rissing (2013) Sustainability at The Ohio State University: Beyond the Physical Campus</p> <p><i>Journal of Environmental Studies and Sciences</i> 3(1): 74-82</p>
<i>Option 2</i>	<p>Daniel J. Sherman (2008) Sustainability: What's the Big Idea? A Strategy for Transforming the Higher Education Curriculum</p> <p><i>Sustainability</i> 1(3):188-195</p>
<i>Option 3</i>	<p>David Gosselin, Rod Parnell, Nicholas J. Smith-Sebasto, & Shirley Vincent (2013) Integration of Sustainability in Higher Education: Three Case Studies of Curricular Implementation</p> <p><i>Journal of Environmental Studies and Sciences</i> 3(3): 316-330</p>
<i>Option 4</i>	<p>Adrina Bardekjian, Michael Classens, & L. Anders Sandberg (2012) Reading the Urban Landscape: The Case of a Campus Tour at York University, Toronto, Ontario, Canada</p> <p><i>Journal of Environmental Studies and Sciences</i> 2(3): 249-256</p>
<i>Option 5</i>	<p>Daniel J. Sherman (2008) Sustainability: What's the Big Idea? A Strategy for Transforming the Higher Education Curriculum</p> <p><i>Sustainability</i> 1(3):188-195</p>
<i>Option 6</i>	<p>Jennifer Mcmillin & Rob Dyball (2009) Developing a Whole-of-University Approach to Educating for Sustainability: Linking Curriculum, Research, and Sustainable Campus Operations</p> <p><i>Journal of Education for Sustainable Development</i> 3(1): 55-64</p>
<i>Option 7</i>	<p>Anthony D. Cortese (2003) Education in Creating a Sustainable Future: Higher Education can Serve as a Model of Sustainability by Fully Integrating All Aspects of Campus Life</p> <p><i>Planning for Higher Education</i> (March-May):15-22</p>

Option 8	<p>Valerie Padilla Corroll & Rhonda R. Janke (2014) Sustainable Universities: Rhetoric Versus Fact Pages 197-213 in <i>Environmental Policy is Social Policy – Social Policy is Environmental Policy: Toward Sustainable Policy</i> edited by Isidor Wallimann (Springer)</p>
Option 9	<p>Walter Leal Filho & colleagues (2017) Identifying and Overcoming Obstacles to the Implementation of Sustainable Development at Universities <i>Journal of Integrative Environmental Sciences</i> 14(1): 93-108</p>
Option 10	<p>The Green School: A Sustainable Approach towards Environmental Education: Case Study <i>Brazilian Journal of Science and Technology</i> 3(10)</p>
Option 11	<p>Barry Kentish & Ian Robottom (2008) Does Education for Sustainability Encourage Leopold's "Intense Consciousness of Land"? <i>Canadian Journal of Environmental Education</i> 13(1): 73-88</p>
Option 12	<p>Clifford E. Knapp (2005) The "I-Thou" Relationship, Place-Based Education, and Aldo Leopold <i>Journal of Experiential Education</i> 27(3):277-285</p>
Option 13	<p>David A. Gruenewald (2003) At Home With the Other: Reclaiming the Ecological Roots of Development and Literacy <i>Journal of Environmental Education</i> 35(1):33-43</p>
Option 14	<p>Ralf St. Clair (2003) Words for the World: Creating Critical Environmental Literacy for Adults <i>New Directions in Adult and Continuing Education</i> 99:69-78</p>

Unit 6: Environmental Justice

"Environmental justice [means that] no community should be saddled with more environmental burdens and less environmental benefits than any other."

~ Majora Carter, American urban revitalization strategist and public radio host from the South Bronx area of New York City.

Discipline:
environmental sociology

Concepts:
gas flaring, environmental goods and bads, environmental racism, environmental justice, environmental inequalities, disproportionate impact, NIMBY, e-waste, climate justice, environmental equity, green space, access to nature

Tuesday, February 13

Joyce Barry (2001) selection on mainstream environmental movements and environmental justice movements

Pages 123-125 in "Mountaineers Are Always Free? An Examination of the Effects of Mountaintop Removal in West Virginia," *Women's Studies Quarterly* 29(1/2): 116-130

Glynis Daniels (2000) Environmental Equity

Pages 788-800 in *Encyclopedia of Sociology*, 2nd Edition, Volume 2, edited by Edgar F. Borgatta & Rhonda J. V. Montgomery (Macmillan)

The Associated Press (2012) The Power Plant Next Door: Indian Tribes Disproportionately Exposed to Energy Development

The Washington Post (July 4)

Thursday, February 15

Anonymous (2008) Many U.S. Public Schools in "Air Pollution Danger Zone"

Science Daily (August 20)

Unit 7: Risk Society

Disciplines:
environmental sociology

Concepts:
risk society, reflective modernization, democratization of risks, titanic risks

Tuesday, February 20

Uwe Lubken & Christof Mauch (2011) Uncertain Environments: Natural Hazards, Risk, and Insurance in Historical Perspective (selection)*

Environment and History 17:1-12 [Read pages 1-4]

Frank Fischer (2006) Beck, Ulrich

Page 18 in *The SAGE Dictionary of Sociology* (Sage)

Frank Fischer (2006) Reflexive Modernity

Pages 256-257 in *The SAGE Dictionary of Sociology* (Sage)

Frank Fischer (1998) Ulrich Beck and the Politics of the Risk Society: The Environmental Threat as Institutional Crisis [Review of two books on ecological politics and risk by Ulrich Beck]

Organization and Environment 11(1):111-115

Thursday, February 22

Exam (6a, 6b, 7a, 7b)
11 P.M. Thursday,
February 22

Margarita V. Alario & William R. Freudenburg (2010) Environmental Risks and Environmental Justice, Or How Titanic Risks Are Not So Titanic After All

Sociological Inquiry 80(3):500-512

Unit 8: Caring for, Connecting with, and Experiencing Nature

"In the beginning I was so young and such a stranger to myself I hardly existed. I had to go out into the world and see it and hear it and react to it, before I knew at all who I was, what I was, what I wanted to be. Wordsworth studied himself and found the subject astonishing. Actually what he studied was his relationship to the harmonies and also the discords of the natural world. That's what created the excitement."

~ Mary Oliver, American poet, winner of the National Book Award and the Pulitzer Prize

Disciplines:

landscape design, urban planning, environmental health, green exercise, ecopsychology, environmental aesthetics, acoustic ecology

Concepts:

ecopsychology, ecotherapy, solastalgia, ecological grief, binocular vision, mindfulness, hierarchy of needs green exercise, significant life experiences, connectedness to nature, emotional affinity to nature, aesthetics of unscenic, landscape of carbon neutrality, wastescapes, green places, green space, ecosystem services, urban ecology, urban greening, greenways, urban gardens, open space, landscape preference, contact with nature, dualism, Cartesianism, acoustic ecology, death of environmentalism

Tuesday, February 27

Essay (8a)
11 P.M. Monday,
February 26

David Biello (2011) How Green is My City

Scientific American (September):66-69

Anonymous (2011) Stopping Poverty through Sustainability in the South Bronx: An Interview with Majora Carter

Solutions 2(3)

<http://www.thesolutionsjournal.com/node/961>

James R. Miller (2005) Biodiversity Conservation and the Extinction of Experience

Trends in Ecology and Evolution 20(8):430-434

Daniel B. Smith (2010) Is There an Ecological Unconscious?

The New York Times (January 31)

Renee Lertzman (2004) Ecopsychological Theory and Critical Intervention [Review of 'Radical Ecopsychology' by Andy Fisher (SUNY, 2002) & 'Love of Nature and the End of the World' by Shierry Weber NicholSEN (MIT, 2002)]

Organization and Environment 17(3):396-401

Trebbe Johnson (2012) Gaze Even Here

Orion Magazine (November/December)

Jim Cummings (2001) Listen Up: Opening Our Ears to Acoustic Ecology

<http://www.acousticecology.org/writings/listenup.html>

Thursday, March 1

Quiz (8b)
1 P.M. Thursday,
March 1

Paul Kingsnorth (2012) Confessions of a Recovering Environmentalist

Orion Magazine (January/February)

Lisa Curtis (2012) Don't Call Me an Environmentalist

Grist (7 May)

Reflection (5a-8b)
11 P.M. Friday,
March 2

Unit 9: Ideas of Nature

Disciplines:

environmental history, environmental sociology

Concepts:

nature, wilderness, out-in-nature frame, natural self, natural routinizations, natural justifications, natural fabrications, screen-with-green natural resource management strategies, green exercise, environmental sociology, everyday life

Tuesday, March 6

Essay (9a)

*11 P.M. Monday,
March 5*

William Cronon (1996) The Trouble with Wilderness: Or, Getting Back to the Wrong Nature

Environmental History 1(1):7-28

Ramachandra Guha (1989) Radical American Environmentalism and Wilderness Preservation: A Third World Critique

Environmental Ethics 11:71-83

Thursday, March 8

Quiz (9b)

*1 P.M. Thursday,
March 8*

Bradley H. Brewster & Michael Mayerfeld Bell (2010) The Environmental Goffman: Toward an Environmental Sociology of Everyday Life

Society and Natural Resources 23(1):45-57

SPRING BREAK

Saturday, March 10 through Sunday, March 18

Unit 10: Natural Resource Conflicts, Environmental Refugees, and Environmental Security

Disciplines:

environmental security

Concepts:

climate change, sea-level rise, environmental refugees, natural resource conflicts, dead zones

Cases:

*Bangladesh and sea-level rise
coltan in the Congo*

Tuesday, March 20

Essay (10a)
11 P.M. Monday,
March 19

Jason Zasky (2011) Conflict Minerals and War in Eastern Congo, Interview with Peter Eichstaedt, author of 'Consuming the Congo: War and Conflict Minerals in the World's Deadliest Place' (Chicago Press Review, 2011)

Failure Magazine (July 10)

http://failuremag.com/index.php/site/print/conflict_minerals_and_war_in_eastern_congo/

Jeffrey D. Sachs (2006) Ecology and Political Upheaval
Scientific American (June 26):37

Sarah Reed (2007) Environment and Security

<http://www.climate.org/topics/environmental-security/index.html>

Catherine Brahic (2007) Coastal Living: A Growing Global Threat

<http://www.newscientist.com/article/dn11483-coastal-living--a-growing-global-threat-.html>

Thursday, March 22

Quiz (10b)
1 P.M. Thursday,
March 22

John H. Richardson (2015) When the End of Civilization is Your Day Job

Esquire (July 7)

Unit 11: Non-Renewable Fossil Fuel Energy and Societal Collapse

"We are all addicts of fossil fuels in a state of denial, about to face cold turkey."

~ Kurt Vonnegut, American author

Disciplines:

environmental politics

Concepts:

peak oil, societal collapse, nonrenewable energy, alternative energy, off-shore drilling, gas flaring, hydraulic fracturing (aka fracking), oil spills, pollution, emissions, dispersants, human extinction risks, mountaintop removal (MTR)

Cases:

Fracking in the United States, Oil Issues in Nigeria

Tuesday, March 27

Essay (11a)
11 P.M. Monday,
March 26

NOW (2010) [Interview with director of 'Gasland' documentary]

PBS Television Segment, 24 minutes
<http://www.pbs.org/now/shows/613/index.html>

Chris Mooney (2011) The Truth about Fracking

Scientific American (November)

Jason Zasky (2011) Fracking the Marcellus Shale, Interview with Seamus McGraw, author of 'The End of Country: Dispatches from the Fracking Zone' (Random House, 2011)

Failure Magazine
http://failuremag.com/feature/article/fracking_the_marcellus_shale/

A Crude Awakening: The Oil Crash (2006)

Documentary, 83 minutes
<https://youtu.be/odCZpBPfFQk>

Richard A. Kerr (2011) Peak Oil Production May Already Be Here

Science 331:1510-1511

Thursday, March 29

Quiz (11b)
1 P.M. Thursday,
March 29

Richard Heinberg (2011) Peak Oil: A Chance to Change the World

Mother Pelican: A Journal of Sustainable Human Development 7(11)

Reflection (9a-11b)
11 P.M. Friday,
March 30

Unit 12: Ecological Design and Sustainable Business

"Here is the business case for sustainability from real life experience: Costs are down, not up, reflecting some 400 million dollars of avoided costs in pursuit of zero waste ... Our products are the best they've ever been, inspired by design for sustainability, an unexpected wellspring of innovation. Our people are galvanized around this shared higher purpose. You cannot beat it for attracting the best people and bringing them together. And the goodwill of the marketplace is astonishing. No amount of advertising, no clever marketing campaign, at any price, could have produced or created this much goodwill. Costs, products, people, marketplaces. What else is there? It is a better business model."

~ Ray Anderson, founder and chairman of Interface, Inc.

Disciplines:
ecological design, sustainability

Concepts:
partnership-with-nature frame, LEED building certification, tourist gaze, ecological modernization, treadmill of production, Natural Step

Cases:
*Heifer International
Curitiba, Brazil
Interface Inc.
Bendigo Bank*

Tuesday, April 3

*Essay (12a)
11 P.M. Monday,
April 2*

Stella M. Capek (2012) Paving Paradise: Exploring an Urban “Partnership-with-Nature” Frame

The Sociological Quarterly 53:566-584

Ray Anderson (2009) The Business Logic of Sustainability

[http://www.ted.com/talks/](http://www.ted.com/talks/ray_anderson_on_the_business_logic_of_sustainability.html)

[ray_anderson_on_the_business_logic_of_sustainability.html](http://www.ted.com/talks/ray_anderson_on_the_business_logic_of_sustainability.html)

Thursday, April 5

To be determined.

*Quiz (12b)
1 P.M. Thursday,
April 5*

Unit 13: Green Consumerism, Green Lifestyle, and Hedonic Sustainability

“Gross National Happiness is more important than Gross National Product.”

~ Jigme Singye Wangchuck, King of Bhutan, 1972-2006

Disciplines:
environmental sociology

Concepts:
greenwashing, consumerism, green consumerism, downshifting, voluntary simplicity, mindfulness, hedonic sustainability

Tuesday, April 10

Essay (13a)
11 P.M. Monday,
April 9

Jesse Ellison (2008) Save the Planet, Lose the Guilt

Newsweek (June 28)

Clifford Krauss (2007) At Home Depot, How Green Is that Chainsaw?

The New York Times (June 25)

Janet A. Lorenzen (2012) Going Green: The Process of Lifestyle Change

Sociological Forum 27(1):94-116

Michael Pollen (2008) Why Bother?

The New York Times Magazine (April 20)

Donella Meadows (1999) Seven-Plus Wonders of Sustainability

<http://grist.org/article/of4/>

Thursday, April 12

NO CLASS (Scholars Showcase)

Unti 14: Eco-Spirituality & Eco-Art

"The only two forces that have ever effectively changed the way people think and behave have been religion and the arts."

~ Martin Palmer, Secretary General of the Alliance of Religions and Conservation

Disciplines:

literature and the environment, environmental art

Concepts:

ecocriticism, petrofiction, earthworks, green marketing, green advertising, TrashTrack, Pacific Plastic Gyre

Questions:

What role does/can art play in moving toward a more sustainable society?

Tuesday, April 17

Holmes Rolston (2006) Caring for Nature: What Science and Economics Can't Teach Us but Religion Can

Environmental Values 15(3):307-313

Each student will choose a major religious or spiritual tradition and be assigned one or two articles on that tradition and care for the natural environment.

Thursday, April 19**Presentation (14b)**

2 P.M. Thursday,
April 19

Reflection (12a-14b)

11 P.M. Friday,
April 20

Sofie Verdoodt & Christel Stalpaert (2012) Kris Verdonck's Garden Installation EXOTE: Ecozoic Wanderlust at the Edge of Eden

Performance Research: A Journal of the Performing Arts 17(4):106-110

Elizabeth Demaray (2014) Work Samples from the Field of Art and Science Collaboration

Journal of Environmental Studies and Sciences 4(2): 183-185

Mrill Ingram (2012) Sculpting Solutions: Art-Science Collaborations in Sustainability

Environment 54(4):24-34

Thomas Heyd (2007) Reflections on Reclamation through Art

Ethics, Place, and Environment 10(3):339-345

Lisa E. Bloom (2011) The Aesthetics of Disappearance: Climate Change, Antarctica, and the Contemporary Sublime in the Works of Anne Noble, Connie Samaras, and Judit Hersko

<http://isea2011.sabanciuniv.edu>

Each student will find and research a different visual artist who does some kind of visual art focused on the natural environment and share some of their visual art with the class via pictures and/or a video clips.

Finals Week: Ecological Hope and Despair

**3 P.M. Wednesday,
April 25****Reflection (Final)**

2 P.M. Wednesday,
April 25

Presentation (Final)

2 P.M. Wednesday,
April 25

Tina Lynn Evans (2015) Call for Papers: Themed Issue on Hope and Agency in Sustainability Education

The Journal of Sustainability Education

Maria Ojala (2007) Confronting Macrosocial Worries: Worry about Environmental Problems and Proactive Coping among a Group of Young Volunteers

Futures 39:729-745

Note: Course schedule subject to change, including modifications, substitutions, additions, and subtractions of material and assignments and alterations of dates.