Course Description
This course provides an introduction to the interdisciplinary study of women’s roles (and gender as a variable) in sustainable development, environmental movements, climate change, forest conservation, water management, disaster recovery, land grabs and other environmental issues. We will use case studies to illustrate peoples’ agency and struggles as well as the growing importance of gender in issues, leadership and strategies. The course includes competing theories and constructions of ideas regarding women/gender and environment & women/gender and environmentally-relevant development issues with attention to the importance of the voices and actions of people on the ground and to policymaking.

Objectives: When students complete the course, they should have a basic understanding of:
- Ways in which science and environmental issues are “gendered” and why
- Analytical/theoretical approaches such as “ecofeminism,” “feminist political ecology,” “women/gender in development” and “environmental sociology”
- The gendered and economic foundations/impacts of selected policies, projects, and programs in specific settings
- Women’s roles as leaders of some groundbreaking environmental movements & policy initiatives
- Intersections of gender, race/ethnicity, and class in environmental policies and movements

Grading and Requirements
- Participate in class discussions and submit 5 short “HW” (homework) comments - 20%
- Complete 3 exams = 60%
  - Midterm 1 – 20%
  - Midterm 2 – 20%
  - Final exam – 20%
- Submit a short research paper on a relevant topic of your choice – 20%

Readings and Other Course Materials
We will use book chapters, journal articles, policy reports, news items, and video materials. Some items will be posted to our Carmen Canvas site at the week’s “module.” Others can be downloaded through the Library’s online journal service and still others can be accessed through online web addresses that I will provide. Some videos will be shown in class while others can be viewed through Vimeo or Youtube or another online source. I also will occasionally post interesting but unassigned materials to a week’s “optional readings” module.

There are 2 very short books assigned.
1. Gita Sen and Caren Grown. Development, Crises, and Alternative Visions: Third World Women’s Perspectives. Monthly Review Press, 1987. 106 pp. A Third World “women’s/feminist” approach to development that critiques capitalist economic rationales and their impact on humans and the environment. The book also emphasizes environmental sustainability and social justice as pre-requisites to genuine development. 6 copies are on reserve at the CFAES Library and 1 copy is on reserve at the Thompson Library. Each can be checked out for 1 day at a time. A pdf copy is posted at the Week 3 module on our Carmen page with the permission of the copyright holder. You can purchase a copy of your own through Amazon’s used books service.
2. Dana Frank. *Bananeras*. South End Press, 2005. 109 pp. 1 copy is on reserve at the Main Library and 6 copies are on reserve at the CFAES Library. Each can be checked out for 1 day at a time. Used copies can be purchased online through Amazon.com; a digital version can be downloaded at pdfbooksplanet online. There also is a Kindle version through Amazon. An Ebook version can be read online for a small fee at the following site http://ww2.findbooks.space/?book=0896087565 (not sure how secure the link may be). You can purchase a copy of your own through Amazon’s used books service.

**Participation**

You start out with an A. It is up to you to keep it. Participation includes attendance, in-class discussions, group work, and homework assignments.

I reserve the right to call on students randomly to facilitate fairness in participation opportunities for class discussion. We also may break down into small groups now and then for discussion.

A seating chart will be used to help identify students by name and to record participation and attendance.

**Homework Assignments**

Each student should plan on submitting a total of 5 “homework assignments” (out of 8 HW options on the syllabus). The HW options are spread out over the semester. Two should be handed in before Midterm exam 1, two should be handed in after Midterm 1 and before Midterm exam 2, and the 5th is due after Midterm 2 and during Weeks 7 or 8. These assignments are designed to help you prepare for class discussion on the days that you hand them in (all options are indicated on the semester schedule below). They also will help me assess how class members are engaging with the material and provide opportunities for me to give you feedback, if needed. They will be graded U, S-, S, or S+ to let you know how you are doing in understanding course issues and materials. They count toward your participation grade.

Each assignment should consist of a statement of about 200-300 words (printed out, not hand written) on the designated topic. Doing 5 out of 8 options provides you with considerable freedom for preparing yourself for class discussion and for budgeting your time. Note: each assignment should be handed in on the day for which the topic was assigned. Do not send by email unless you and I have agreed on this beforehand.

“Want more?” The readings under this heading are there for students who really do want to explore the day’s topic more in depth. There is NO requirement that you read any of them or view any recommended videos; they will not be covered on exams and they are unlikely to be included in class discussions.

**Exams:** There will be two in-class “midterm” exams (Feb 9 & Mar 9) and a final exam on Wed, April 25, noon-1:45 in our classroom. Exam questions will include multiple choice, short answers, short essays, and longer essays. You will receive a study guide the week before each midterm exam and the last week of class for the final exam. We will go over any questions about the exam or information on study guides in class.

**Class Choice Topics:** There are two dates at the end of the course where topics have not been assigned. They are Friday April 13 (Week 14) and Wednesday April 18 (Week 15). Class members will have an opportunity during Week 9 to propose and vote on topics to be assigned for those days.

**Final paper**

The final paper should be 1200-1400 words. Give your paper a title that fits its focus and make your objective or argument clear in the opening paragraph. Give the word count (excluding references) at the end of the paper.

Choose a topic of your choice that is related to the course’s subject matter but use primarily sources that are NOT on the syllabus. Grading is based on clarity, logic, strength of arguments and analysis, and relevance of the essay to the course subject matter. Since students’ majors vary, so will style of writing and topics selected. I will take majors into account in the interest of fairness. It helps if your paper is interesting and thought provoking and “flows” from beginning to end! References should be in the style relevant to your major (what you have been taught to use in courses in your major or the style used in scholarly publications). Be sure to use consistent formatting for reference materials. If you do refer to any course materials in your references or in the body of the
text, then just put author name and part of the title. If you use quotes from any sources, be sure to give page numbers for ideas used. Correct grammar and spelling are a must!

The paper is due the last day of class. I will be happy to discuss your paper ideas with you beforehand if you wish. Students will have an opportunity to discuss their paper topics during our last class meeting.

**Policies**

No late papers will be accepted *unless* you and I have agreed on this beforehand.

In principle, there will be no makeup exams. However, life happens. If you have a verifiable emergency or urgent matter, a make-up exam will be administered; questions will not be the same as the original exam. A make-up also is likely to be an all-essay exam. If an emergency comes up, notify me as soon as possible OR have someone else notify me if you are unable to do so yourself. I will work out with you the specific details for a makeup exam.

**Any plagiarism** on written assignments will result in referral to the proper university authorities—no exceptions. The university’s policy is to give an F for the entire course if plagiarism is proven on even just one assignment.

*Any student who has special needs should let me know and may wish to seek the assistance of Student Life Disability Services at 98 Baker Hall, 113 West 12th Phone: 614-292-3307. I will work with Disability Services to meet your needs.*

**COURSE SCHEDULE**

@ indicates the reading will be posted to our course Carmen Canvas page in a module designated for the week

**Week 1, Jan 10-12: Introduction to the Course: Why “women, environment and development”?**

**Wednesday**

Introduction to the subject matter and how we will conduct the course; discussion of syllabus; introduction to how science itself has been “gendered” and how this affects our understanding of the different expectations for the roles played by women and by men and how women’s contributions have often been “dismissed” as not important

Shared readings:


Want More?


**Friday**
The struggle and legacy of Rachel Carson

**Shared readings:**


Silent Spring Movie 5:20 min.  [https://www.youtube.com/watch?v=uLV7U1zd1g](https://www.youtube.com/watch?v=uLV7U1zd1g)  View this before class

**Want More?**

“Rachel Carson: The Impact of Silent Spring” 9:04 min.  [https://www.youtube.com/watch?v=aYcQKk4qn_Y](https://www.youtube.com/watch?v=aYcQKk4qn_Y)

Full length feature film: *Hidden Figures* about the African American women at NASA who did the math that helped put Americans into space and on the moon

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**Week 2, Jan 17-19: Understanding the emergence of the field of women/gender, environment, and development**

**Wednesday**
Some background on the origin of WID/GAD (women in development/gender and development) and WED/WDE (women, environment and development) approaches in the international policy arena

**Shared readings:**


**Want more?**

@Moser, Caroline. “Third World policy approaches to women in development.” Chapter 4 (pp. 55-79) in Moser. *Gender Planning and Development: Theory, Practice and Training*. Routledge, 1993.  [in class I will explain the different approaches that she discusses](http://www.rachelcarson.org/Timeline.aspx)

**Friday**
**Shared readings:**

**Want more?**
Week 3, Jan 24-26: Sen and Grown book (on behalf of the “Dawn Collective”): Women, Environment and Development

Learn more about what is now the Dawn Network: http://www.dawnnet.org/feminist-resources/

HOMEWORK 1

Choose either: A) Explain how you understand the authors’ conceptualization(s) of the links between “women,” “environment” and “development” (economy) in the book
or B) Explain which of their proposals for alternative visions in Chapter 3 you think would be most useful given the discussion of problems in Chapter 2

Wednesday Hand in HW 1 today

The Sen and Grown book was produced in preparation for the “Earth Summit”-- the World Conference on Environment held in Brazil in 1992. Its goal was to represent a “Third World” women’s perspective that was designed to counter a) both Western/Northern feminists’ and development experts’ visions of “poor, helpless women in the Global South” and b) the environmental/development issues that “experts from the Global North” believed needed to be addressed by economic development policies that favored the values and strategies of the more advanced countries and their corporations.

Shared reading for both days:
@ Gita Sen and Caren Grown. Development, Crises, and Alternative Visions: Third World Women’s Perspectives. Monthly Review Press, 1987. Book. Note: focus on getting a sense of what the authors define as problems in how “development” has impacted people who are poor, especially women. Focus on authors’ explanation of an alternative vision that critiques how “economic development” harms people and how they propose strategies and methods that ground the notion of sustainable development in diverse people’s and families’ experiences and perspectives (especially those of women and the indigenous who tend to be ignored in mainstream development theory and programming). This is the classic WED approach that critiqued classic (and environmentally destructive) economic development discourse/theories and top-down policymaking and programming.

Friday Hand in HW 2 today

Continue discussion of the book. Today we will break down into small groups to discuss some of the “systemic crises” from Chapter 2 and then will come together as a class to discuss their “proposals for alternative visions” from Chapter 3.

Want more?

Week 4, Jan 31-Feb 2: The feminist political ecology framework

HOMEWORK 2

What are some key differences between the feminist political ecology perspective and an ecofeminist perspective?

You will receive the study guide for Midterm Exam 1 by the end of the week

Wednesday Hand in HW 2 today

The feminist political ecology approach
Shared readings:

Want more?

Friday
Case study: Wangari Maathai and the Green Belt Movement in Kenya
Video: http://www.youtube.com/watch?v=BQU7JOxkGvo [we will view this video in class, 8:52]

Shared reading & video
View this video before class: Documentary: Wangari Muta Maathai (1940 - 2011). It provides historical background behind the Green Belt Movement and the personal and political events that led Maathai to found it http://www.youtube.com/watch?v=VW5qdeNKfs0 [47:46] Be ready to discuss in class.

Want more?

Week 5, Feb 7-9: Forest preservation and the Chipko movement

HOMEWORK 3
What were some reasons that women were at the forefront of the Chipko movement?

Midterm Exam 1 on Friday

We will schedule a review session on Thursday if there is interest.

Wednesday  Hand in HW 3 today
Case study: The Chipko movement (legend and reality)
We also will go over the study guide for Exam 1

Shared readings & video:
View this video before class: "ON THE FENCE: Chipko Movement Re-visited"
http://www.youtube.com/watch?v=tlooQxBTrL8 [29:14] (film provides history and a look at contemporary situation; we will discuss this in class)
Want more?
@ Bandyopadhyay, Jayanta. “Chipko movement: Of floated myths and flouted realities.” 1999. (dispels some myths about Chipko)

Friday
Midterm exam 1

Week 6, Feb 14-16: Women as Agricultural Workers in the Banana Industry of Central America: Issues of Social Justice, Economic Exploitation, and Environmental Sustainability

HOMEWORK 4
Topics to choose from: Why was it important to teach about gender roles & women’s rights to members of the banana unions? OR How did women become leaders & activists? OR How did unions change as a result of women’s participation and leadership?

Wednesday
Case Study: Women in unions and the banana industry of Central America (Honduras)
We will discuss reasons and strategies for unionization by women, impact of unionization on the women, women’s impact on their unions, problems women encountered, etc. as discussed in Bananeras. Also be prepared to discuss how women’s unionizing addresses some social justice and economic justice issues?

Shared readings & video
View video before class: Banana Split 46 min. We will discuss in class. https://vimeo.com/17275072
(Caution. There are other videos called “Banana Split” that have nothing to do with the banana industry. So be sure to use the Vimeo link above).

Video focuses on discussions of the banana industry and its workers; labor conditions; environmental challenges; impact on workers of changes in the industry, etc. It includes great archival video & historical interviews. The film provides the context for better understanding the situation of women in the industry described in the book and why they unionized. The film also focuses on the market for bananas, especially in Canada where the film originated. Most of the segments on banana consumption in Canada can be skimmed; you also can ignore the anecdotal and “cutesy” Canadian cultural segments. Only brief comments on markets for bananas in Canada is of interest.

Friday  Hand in Homework 4 today
Continue discussion

Week 7, Feb 21-23: Gender differences in water management and forest management

HOMEWORK 5
Why is water considered to be a “women’s issue”? How does this impact women’s lives?

Wednesday  Water management  Hand in HW 5 today
Women and water management
Shared readings:

Want more?

**Friday** Forest management

Want more?

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**Week 8, Feb 28 & Mar 2: Gendered displacement of indigenous people by dams**

**HOMEWORK 6**
What are differences in the issues and problems faced by women versus men when dam construction displaces rural communities and forces relocation? NOTE: Base your comments on any of this week’s shared readings or videos

You will receive a study guide for Midterm Exam 2 by the end of this week.

**Wednesday**
Dams versus people and environment: The case of the Sardar Sarovar Dam in India

**Shared readings & videos:**
View the video “Drowned Out” before class: [https://www.youtube.com/watch?v=ICnSsK-ZHTg](https://www.youtube.com/watch?v=ICnSsK-ZHTg) (1 hr 15 min)
This video shows class divisions regarding support for or opposition to the dams. It shows how indigenous people (who are OUTSIDE the caste system and the objects of discrimination throughout India) organized and were prepared to risk their lives by refusing to leave their communities as the river waters rose. It also shows how protests and the way India treated the displaced convinced the World Bank to withdraw its financial investment in the project. It also shows how activists who follow the Ghandian philosophy helped teach people how to organize and protest to try to stop dam construction.

Want more?
Friday  Hand in HW 6 today
Class members will break down into small groups to discuss issues surrounding mega dams from the vantage points of a feminist political ecology framework and/or an environmental justice framework. Instructions will be provided in class. Below is an article that provides one example of such an analysis.

@ Braun, Yvonne A. “Interrogating large-scale development and inequality in Lesotho: Bridging feminist political ecology, intersectionality, and environmental justice frameworks.” In Stephanie Buechler & Anne-Marie Hanson, eds. A Political Ecology of Women, Water, and Global Environmental Change. Routledge, 2015:19-37.

Week 9, March 7-9 Stop & breathe discussion & Midterm exam 2
We will schedule a review session on Thursday if there is interest.

Wednesday
Making sense of it all…a stop, breathe and reflect discussion; go over exam study guide ... propose and select course topics for Week 14 & 15

Friday
Midterm exam 2

Week 10, March Mar 14-16 Spring Break

Week 11, March 21-23: Back to the US: Toxic waste, environmental justice & citizen rights

HOMEWORK 7 (choose 1 of the 2 choices for topic 7)

1 What factors do you think influenced the success of the Love Canal protest?
2 When activists are women and men of color, how do their strategies differ from those of the white women of Love Canal?

Wednesday
Love Canal (the first toxic contamination case taken on by the newly established EPA-Environmental Protection Agency)

Shared readings & videos:
View these videos before class:
Love Canal by lexilou1461 http://www.youtube.com/watch?v=a2NR-hvmyJM [9:29]
Love Canal 01, History Channel, http://www.youtube.com/watch?v=kzwacZZe5yk [7:10] (this film discusses aspects of the clean up as well as the origin of the problem, behavior of companies; has some editing problems but great factual info here)


**Want more?**


**Friday Hand in HW 7**

Race, class, gender, and environmental justice movements

**Shared readings:**


**Want more?**


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**Week 12, MARCH 28-30: Women’s roles in preparing for and recovering from natural disasters**

**HOMEWORK 8** Prepare notes for discussion on either Natural disasters in general or Hurricane Katrina specifically; hand in your HW on the day we discuss your chosen topic

**Wednesday HW 8 on floods due today**

Women’s roles in natural disasters

**Shared readings:**


Want more?

Friday HW 8 on Hurricane Katrina due today
Gender, class, race, and Hurricane Katrina

Shared readings & video:
Video to watch before class: Engineering Disaster New Orleans Documentary - HISTORY CHANNEL 44:16 https://www.youtube.com/watch?v=OiMkGfyCOY4

Want more?
Video: Katrina, The New Orleans Nightmare: Documentary on the Devastation of Hurricane Katrina 1:35:03 https://www.youtube.com/watch?v=JEAdjLXw7Q Has more detailed information on causes of flooding than above video
Scott, J. and W. Katz-Fishman. “America through the eye of Hurricane Katrina—Capitalism at its “best.” What are we prepared to do?” Race, Gender & Class 14, 1-2, 2007:7-16. (an excellent discussion of how to mobilize to prevent the human and infrastructure costs of Katrina from happening again—which, of course, has already happened!)

Week 13, April 4-6 Gender in Environmental Policymaking: Climate Change

Wednesday
Gender matters in the impacts of climate change

Shared readings & video:
Video to watch before class: Weathering Change - Stories About Climate and Family from Around the World http://www.youtube.com/watch?v=hPy3pLBZvuE 13:58

Want more?
Video: Adapting to climate change (Bangladesh) 6:05 https://www.youtube.com/watch?v=xWG_uzLmuug
**Friday**

Gendering policy and actions

**Shared readings:**


**Want to read more?**

Gender and Climate Change: Toolkit for women on climate change. ISIS International. No date.  

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**Week 14, April 11-13**

**Women and land rights & class choice topic**

**Wednesday**

Women and land rights

We watch video in class: Dignity: Women and Land Rights in Burundi 11:25 min.  
https://www.youtube.com/watch?v=OWA8huETxoA

**Shared readings:**


**Want to read more?**

If you have never heard of land grabs and/or don’t know how they work, then (in addition to the assigned readings) you may want to read about them in *The Global Land Grab: A Primer* & watch this film before class: *Food crisis and the global land grab documentary - Planet for Sale?*  
https://vid.me/PBhL/planet-for-sale-food-crisis-and-the-global-land [54:22] The first part of this film focuses on the economic rationale an incentives to invest behind “land grabs.” The second half follows an investor and the impact of his take over of land on local people and the local ecosystem. (Note: this video has been removed from most sites where it was available in prior years due to copyright issues. The above link is the only place that it remains available that I could find.)

**Friday**  
CLASS CHOICE TOPIC  
TBA
**Week 15, April 18-20:** Class Choice Topic & Discussion of Student Research Papers

**Course Paper due Friday**

*You will receive a study guide for the final exam by Wednesday*

We can schedule an exam review if there is interest.

**Wednesday**

**CLASS CHOICE TOPIC**

**Friday**  Hand in your papers today
Discuss student papers & go over study guide for final exam

**FINAL EXAM:** April 25, Wed, 12 noon-1:45 pm in our classroom

NOTES:
- You may bring to the final exam a single sheet of paper (letter size 8.5x11) with handwritten notes front and back.
- The final is NOT cumulative. It covers only the material after Midterm 2.