

**Geography/Environmental/International Studies 477**  
**Comparative Environment and Development Studies: A Seminar in Cultural and Political Ecology<sup>1</sup>**  
**Fall Semester, 2023**

**Class Time and Location:** 3-4:30 PM, Tuesdays & Thursdays, Rm Carnegie 105

**Instructor:** Bill Moseley (he/him/his)

**Office:** Rm 104d, Carnegie Hall

**Office Hours:** 1:30-2:30 MTWR or by appointment. Sign-up by cutting/pasting this link into your browser (<https://calendar.app.google/bMgkT7wA6rauAvLy8>)

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### **Course Description and Objectives**

A concern for the relationship between nature and society has been one of the pillars of geographic inquiry, and has also been an important bridge between other disciplines. By the 1960s, this area of inquiry was referred to variously as ‘human ecology’ or ‘cultural ecology.’ Over the last two decades certain forms of inquiry within this tradition have increasingly referred to themselves as ‘political ecology.’ Much of the empirical work within these two traditions has been conducted in social and physical environments that might in some sense be called ‘marginal.’ They have been areas of environmental fragility, aridity and resource constraint; areas of socio-economic poverty; regions of indigenous populations; and local communities confronting rapid modernization and commodification.

The purpose of this seminar is to review major works within the traditions of cultural and political ecology; examine several areas of interest within these fields (e.g., agricultural modernization, environmental narratives, conservation, sustainable development); and explore nature-society dynamics across a range of geographical contexts. Towards the end of the course we will explore how one might begin to think in practical terms about facilitating development in marginal environments.

As a junior-senior level seminar, there will be considerable emphasis placed on writing, reading and discussion in this course. This is a good thing because I truly believe that, in a few years time, you will have forgotten most of what I have said in lecture. My hope, however, is that you will remember what you have discovered on your own by reading about it, writing about it, and discussing it inside and outside of class.

### **Format**

The class will meet twice a week on Tuesdays and Thursdays. Most class periods will be devoted to discussion, interspersed with occasional lectures. Discussions will be led by students

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<sup>1</sup> We acknowledge that Macalester College is located on the traditional, ancestral and contemporary lands of the Waŋpékhute band of Dakhóta Oyáte, the Dakota nation. We recognize that this acknowledgment is but a first step in recognizing and dismantling aggressive and persistent policies of settler colonialism that continue to oppress to this day. The work of acknowledgement must be paired with active practices like the amplification of Indigenous voices and land repatriation in order to be substantive and meaningful.

and focused on a related set of readings. In addition to a significant amount of out-of-class time devoted to reading, students will prepare and present a major research paper.

This is your class, and I want to know how it's going. Please let me know if you would like to see changes, from lecture topics to grading. You are welcome to speak with me after class or to visit me in my office. The surest way to contact me is to send me e-mail ([moseley@macalester.edu](mailto:moseley@macalester.edu)), which normally will be responded to promptly during normal business hours.

### **Disabilities**

I am committed to providing assistance to help you be successful in this course. Reasonable accommodations are available for students with documented disabilities. Please meet with the Coordinator of Disability Services, Josie Hurka, who serves as the coordinator for services for students with disabilities. It is important to meet with her at the beginning of the semester to ensure that your accommodations are approved and in place to begin the semester successfully. The director may be reached in the Kagin Commons, Rm 004, by phone at 651-696-6974, or email [disabilityservices@macalester.edu](mailto:disabilityservices@macalester.edu).

### **Health and Wellness**

You are encouraged to make your health and well-being a priority throughout this semester and during your career at Macalester. Taking care of yourself will help you engage more fully in your academic experience. Remember that beyond being a student, you are a human being carrying your own experiences, thoughts, emotions, and identities with you. It is important to acknowledge any stressors you may be facing, which can be mental, emotional, physical, cultural, financial, etc., and how they can have an impact on your academic experience. I encourage you to remember that you have a body with needs. In the classroom, eat when you are hungry, drink water, use the restroom, and step out if you are upset and need some air. Please do what is necessary so long as it does not impede your or others' ability to be mentally and emotionally present in the course. Outside of the classroom, sleeping, moving your body, and connecting with others can be strategies to help you be resilient at Macalester. If you are having difficulties maintaining your well-being, please don't hesitate to contact me and/or find support from Health & Wellness Center. I have included contact information for health and wellness resources on the course moodle page.

### **Academic Misconduct**

Plagiarism and cheating are both academic crimes. Never (1) turn in an assignment that you did not write yourself (including material wholly or partially written by a chat bot), or (2) turn in an assignment for this class that you previously turned in for another class. If you do so, it may result in a failing grade for the class, and possibly even suspension from the college. Please see me if you have any questions about what constitutes plagiarism. Anyone caught cheating on an exam will be reported to the provost in line with recognized college procedures.

### **Texts**

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> edition. Malden, MA: Wiley-Blackwell.

In addition to the texts, there are a number of readings available electronically via the course moodle page (see reading list below).

## Semester Overview and Important Due Dates

Please note that this is tentative and subject to change.

Wk	Dates	Topic		Important Due Dates, Other events
		Tuesday	Thursday	
<b>PART I: ENVIRONMENT/DEVELOPMENT STUDIES IN GEOGRAPHY &amp; THE EMERGENCE OF CULTURAL/POLITICAL ECOLOGY</b>				
1	5-7 Sept	Course business, Introductions	1. Geography and the Social-Natural Science Divide	
2	12-14 Sept	Lecture + 2. The Study of Human-Environment Interactions in Geography	<b>No collective class.</b> Meet with Bill individually on Fri, 9/15 to discuss research topics	Schedule appts <a href="https://calendar.app.google/YyXh3qBc5Z6Na92t7">https://calendar.app.google/YyXh3qBc5Z6Na92t7</a>
3	19-21 Sept	Lecture + 3. Cultural Ecology: Concepts and Theory	4. Cultural Ecology: Case Studies	Research proposal due Sun, Sept 24 @11pm via moodle
4	26-28 Sept	Lecture + 5. Political Ecology: Concepts and Theory	6. Political Ecology: Case Studies	
5	3-5 Oct	Writing planning discussion	Library session for capstone paper.	
6	10-12 Oct	7. Political Ecology Critiques	8. First World & Urban Political Ecology	Outline/prelim bibliography/writing schedule due Sun, 10/15 @ 11pm via moodle
<b>PART II: INVESTIGATION OF SELECT ENVIRONMENT/DEVELOPMENT THEMES</b>				
7.	17-19 Oct	9. Environmental Narratives, Forests & Ecotourism	10. Political ecology of climate change & migration	
8	24-26 Oct	11. Political ecology of health, Urban Food Security & EJ	No class. Midterm break	
9	31 Oct – 2 Nov	12. Agriculture, Food Sovereignty & Food Systems	13. Feminist Political Ecology, Water & Marginal Crops	
10	7-9 Nov	14. Political Ecology of Mining	15. Alternative Development Paradigms	Half draft due Sun, 11/12 @11pm via moodle
<b>PART III: ENVIRONMENT AND DEVELOPMENT PRAXIS: WHAT TO DO?</b>				
11	14-16 Nov	16. Field work, Development and Scholarship	<b>No collective class.</b> <a href="#">Meet w/ Bill individually</a> on Thurs-Fri to discuss half draft	Optional talk: 11/16, 4:45pm, Kagin: Eric Carter lecture
12	21-23 Nov	Lecture and Discussion: “Life after Macalester”	No class. Thanksgiving	
13	28-30 Nov	Political ecology alumni panel	<b>No class. Writing Day</b>	Full paper draft due Sun 12/3, at 11pm via moodle to Bill & peers via email
14	5-7 Dec	Peer review in class	Research Presentations	
15	12 Dec	Research Presentations		Final Research Paper (Wed, 12/13, 11pm)

### Grading

#### Grade Components

Seminar Participation:	30%
Discussion Leadership:	9%
Research Proposal	3%
Outline/Bibliography/Schedule:	3%
Half Paper Draft:	4%
Full Paper Draft:	8%
Peer Review of Paper Draft	2%
Research Presentation:	10%

Final Paper:	31%
Total:	100%

Final grades are based on a weighted average for the term. Grade cutoff points (in terms of percentage) are as follows: A = 93-100%; A- = 90-92%; B+ = 87-89%; B = 83-86%; B- = 80-82%; C+ = 77-79%; C = 73-76%; C- = 70-72%; D+ = 67-69%; D = 63-66%; D- = 60-62%, NC = < 60%.

## **Assignments**

Reading: The amount of reading required for this course is substantial. Reading assignments related to discussion sessions are listed on the outline of topics that follows. Students are expected to have done all assigned reading before coming to class, and be prepared to discuss it.

Participation and Discussion: The course will be oriented towards discussion about three-quarters of the time (see schedule). The purpose of discussion is to facilitate critical analysis of key works within the field of cultural and political ecology. Class participation accounts for roughly a third of your grade in this course and the majority of class participation points will be derived from your comments in discussion. Participation points are relatively easy to obtain if you keep up with the reading and speak up during discussion. Please see me if you have difficulty speaking in class.

In my opinion, the best discussions are those in which: 1) students listen (and learn) from one another and build on what each other is saying; 2) the discussion is focused on understanding the main argument of each reading and breaking down and analyzing this argument to see if it makes sense; 3) making connections between readings (when several are assigned on the same day) by identifying where authors agree and disagree; and 4) relating insight gained from reading and discussion to other texts or real life events. In sum, I want you to approach discussion as an ongoing scholarly debate in which we (as a community of scholars and learners) are attempting to advance our collective knowledge.

Discussion Leaders: At least two student discussion leaders will be assigned to facilitate each discussion session. Students will lead approximately three discussion sessions during the semester (depending on class size). Discussion leaders will be expected to summarize the main points of each reading and to have prepared discussion questions on more debatable aspects of each article.

## Capstone Paper

A major component of this seminar is to undertake a research paper. This will entail posing an interesting problem or question related to environment and development studies, and then setting out to answer this question through library research, and in some instances, the analysis of relevant data sets. You will be graded for content and ideas as well as effectiveness of writing (organization, clarity, citations, spelling, punctuation). In order to facilitate the research and writing process, and limit the possibility of a last-minute effort, a number of intermediary due dates have been established, including: 1) research proposal; 2) outline/bibliography/schedule; 3) half draft; 4) full draft; 5) peer review exercise, 5) presentation; and 6) final research paper. Late assignments will be penalized 10% per day.

The research proposal should include your research question, plus a summary of your thesis and a preliminary library and/or data sources. We will have a special session with a research librarian to help address any problems you may have encountered in collecting materials related to your research question.

Your final research paper should not exceed 30 double-spaced pages (about 7500 words). All projects must be typed. Projects should be organized, written clearly and free of errors. Include parenthetical citations within the paper as well as references for supporting maps, figures and tables. All sources used in preparing your paper must be cited, including data sources. Use

standard APA citation and presentation forms (e.g., Kate Turabian's *Manual for Writers of Term Papers, Theses and Dissertations*). Examples of past student papers may be found at: [http://www.macalester.edu/geography/courses/geog488/moseley/f06\\_capstone.htm](http://www.macalester.edu/geography/courses/geog488/moseley/f06_capstone.htm)

#### Peer Review Exercise:

In addition to receiving feedback on your draft paper from the course instructor, each of you will receive comments from at least three other class members (and you, in turn, will provide three students with feedback). Peer review will occur in class on December 5. The guiding principles for a useful peer review are as follows: 1) engage at the level of ideas; 2) back up your comments with specific examples from the draft; and 3) be precise when giving advice.

#### Research Presentation

You will be asked to share your research paper findings with the class through a conference style presentation. You will have 20 minutes to make your presentation, followed by a 3-5 minute question and answer period. Use of visual aids is recommended. Because asking informed and interesting questions of a speaker is an important component of attending conferences, the other class members will be required to come up with questions for each presenter. In class time for presentations is scheduled the last full week of class on Thursday, Dec 5 and Tues, Dec 12.

### Detailed Lecture and Discussion Schedule

#### **PART I: ENVIRONMENT/DEVELOPMENT STUDIES IN GEOGRAPHY & THE EMERGENCE OF CULTURAL/POLITICAL ECOLOGY**

##### **Tuesday, September 5**

Introductions, Overview of Course

##### **Thursday, September 7**

Discussion leader assignments

#### 1<sup>st</sup> Discussion: Geography and the Social-Natural Science Divide

Campbell, L.M. 2003. "Challenges for Interdisciplinary Sea Turtle Research: Perspectives of a Social Scientist." *Marine Turtle Newsletter*. 100: 28-32.

Moseley, W.G. 2009. "Beyond Knee-Jerk Environmental Thinking: Teaching Geographic Perspectives on Conservation, Preservation and the Hetch Hetchy Valley Controversy." *Journal of Geography in Higher Education*. 33(3): 433-451.

Lowe, P, J. Phillipson & K. Wilkinson. 2013. "Why social scientists should engage with natural scientists." *Contemporary Social Science*, 8:3, 207-222.

##### **Tuesday, September 12**

Short Lecture: The Study of Human Environment Interactions in Geography: Traditions, Tensions and Debates

#### 2<sup>nd</sup> Discussion: The Place of the Human-Environment Tradition in Geography

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> ed. Malden, MA. Chapter 2 (pp. 25-48)

Sauer, Carl O. 1956. "The Education of a Geographer." *Annals of the Association of American Geographers*. 46(3): 287-299.

Hanson, Susan. 1999. "Isms and Schisms: Healing the Rift between the Nature-Society and Space-Society Traditions in Human Geography." *Annals of the Association of American Geographers*. 89(1): 133-143.

Harrison, S., D. Massey, K. Richards, F.J. Magilligan, N. Thrift and B. Bender. 2004. "Thinking across the divide: perspectives on the conversations between physical and human geography." *Area*. 36(4): 435-442.

#### **Thursday, Sept 14**

No class. Meet with Bill individually to discuss research topics. Make an appointment here (<https://calendar.app.google/YyXh3qBc5Z6Na92t7>)

#### **Tuesday, September 19**

Short Lecture: Cultural Ecology

##### 3rd Discussion: Cultural Ecology (concepts and theory)

Butzer, K.W. 1990. "The Realm of Cultural Ecology: Adaptation and Change in Historical Perspective." In *The Earth as Transformed by Human Action*, edited by B. L. Turner II et al., 685-702. New York: Cambridge University Press.

Denevan, W.M. 1983. "Adaptation, Variation, and Cultural Geography." *The Professional Geographer* 35, no. 4: 399-406.

Richards, P. 1985. *Indigenous Agricultural Revolution: Food and Ecology in West Africa*. London: Hutchinson. (Introduction), pp. 9-17.

#### **Thursday, September 21**

##### 4th Discussion: Cultural Ecology (classic case studies)

Rappaport, R.A. 1969. "Ritual Regulation of Environmental Relations Among a New Guinea People." In: Vayda, A. (ed). *Environment and Cultural Behavior*. Garden City, New York: The Natural History Press. (pp. 181-201).

Nietschmann, B. 1972. "Hunting and fishing focus among the Miskito Indians, Eastern Nicaragua." *Human Ecology*. 1: 41-67.

Grossman, L. 1981. "The cultural ecology of economic development." *Annals of the Association of American Geographers*. 71(2): 220-236.

#### **Sunday, September 24**

Capstone research proposal due at 11pm via moodle

#### **Tuesday, September 26**

Short Lecture: Political Ecology

##### 5th Discussion: Political Ecology I (concepts and theory)

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> ed. Malden, MA. Chapter 1, 3 & 4

Watts, M. 1983. "On the poverty of theory: natural hazards research in context. In K. Hewitt (ed.) *Interpretations of Calamity*. Boston: Allen and Unwin. (p. 231-262)

Blaikie, P. and H. Brookfield. 1987. *Land Degradation and Society*. New York: Routledge. Chapter 1.

### **Thursday, September 28**

#### 6<sup>th</sup> Discussion: Political Ecology II (early case studies)

Blaikie, P. and H. Brookfield. 1987. *Land Degradation and Society*. New York: Routledge. Chapter 2.

Basset, T.J. 1988. "The Political Ecology of Peasant-Herder Conflicts in the Northern Ivory Coast." *Annals of the Association of American Geographers*. 78(3): 453-472.

Carney, J. 1993. "Converting the Wetlands, Engendering the Environment: The Intersection of Gender with Agrarian Change in The Gambia." *Economic Geography*. 69(4): 329-348.

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> ed. Malden, MA. Chapter 8 (Degradation and marginalization)

### **Tuesday, October 3**

Writing planning discussion. (note: there is some chance that Bill will be traveling this day. If yes, then this discussion will be moved to the first part of class on Thurs, Sept 28 or Thurs, Oct 5)

### **Thursday, October 5**

Library session to prepare for capstone research.

### **Tuesday, October 10**

#### 7<sup>th</sup> Discussion: Political Ecology Criticism and Extension

Peet, R. and M. Watts. 1996. "Liberation Ecology: Development, Sustainability, and Environment in an Age of Market Triumphalism." In: Peet, R. and M. Watts (eds). *Liberation Ecologies: Environment, Development, Social Movements*. New York: Routledge. (Chapter 1, pp. 1-45).

Vayda, A.P. and B.B. Walters. 1999. "Against Political Ecology." *Human Ecology*. 27(1): 167-179.

Walker, P. 2005. "Political Ecology: Where is the Ecology?" *Progress in Human Geography*. 29(1): 73-82.

Robbins, P. 2004. *Political Ecology: A Critical Introduction*. 1<sup>st</sup> edition. Malden, MA. Chapter 11

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> ed. Malden, MA. Chapter 13

### **Thursday, October 12**

#### 8<sup>th</sup> Discussion: First World & Urban Political Ecology

Schroeder, RA, K. St Martin and KE Albert. 2006. "Political Ecology in North America: Discovering the Third World Within?" *Geoforum*. 37(2): 163-168.

Robbins, P. 2003. "Producing and Consuming Chemicals: The Moral Economy of the American Lawn." *Economic Geography*. 79(4): 425-451.

Lebowitz, A. & D. Trudeau. 2016. "Digging in: lawn dissidents, performing sustainability, and landscapes of privilege." *Social & Cultural Geography*, DOI: 10.1080/14649365.2016.1218041

Huber, M. 2006. "Fossilized Subjectivities." Paper presented at the Annual Meeting of the Association of American Geographers. Chicago, IL. March

## **Sunday, October 15**

Detailed outline, preliminary bibliography and writing schedule due at 11pm via moodle

## **PART II: INVESTIGATION OF SELECTED ENVIRONMENT AND DEVELOPMENT THEMES**

### **Tuesday, October 17**

#### 9<sup>th</sup> Discussion: Environmental Narratives, Forests & Ecotourism

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> edition. Malden, MA. Chapter 6.

Fairhead, J. and M. Leach. 1995. "False Forest History, Complicit Social Analysis – Rethinking Some West African Environmental Narratives. *World Development*. 23(6): 1023-1035.

Moseley, W.G. and P. Laris. 2008. "West African Environmental Narratives and Development-Volunteer Praxis." *The Geographical Review*. 98(1): 59-81.

Ghosh, P., & Ghosh, A. (2019). Is ecotourism a panacea? Political ecology perspectives from the Sundarban Biosphere Reserve, India. *GeoJournal*, 84(2), 345-366.

### **Thursday, October 19**

#### 10<sup>th</sup> Discussion: Political Ecology of Climate Change, Vulnerability & Migration

Ribot, J. 2013. "Vulnerability does not just fall from the sky: Toward multi-scale pro-poor climate policy." In *Handbook on climate change and human security*. Edward Elgar Publishing.

Goldman, M. J., Turner, M. D., & Daly, M. 2018. "A critical political ecology of human dimensions of climate change: Epistemology, ontology, and ethics." *Wiley Interdisciplinary Reviews: Climate Change*, 9(4), e526.

Khanna, P. (2021). "Prologue: Where Will You Live in 2050?" In: *Move: the forces uprooting us*. New York: Simon and Schuster.

### **Tuesday, October 24**

#### 11<sup>th</sup> Discussion: Political Ecology of Health, Urban Food Security and Environmental Justice

Connolly, C., Kotsila, P., & D'Alisa, G. 2017. Tracing narratives and perceptions in the political ecologies of health and disease. *Journal of Political Ecology*. 24(1), 1-10

Carter E.D. and W.G. Moseley. 2021. "COVID-19 and the Political Ecology of Global Food and Health Systems." In: Andrews G.J., Crooks V.A., Pearce J.R., Messina J.P. (eds). *COVID-19 and Similar Futures. Global Perspectives on Health Geography*. Berlin: Springer. Pgs 39-45.

Agyeman, J., & McEntee, J. 2014. "Moving the field of food justice forward through the lens of urban political ecology." *Geography Compass*. 8(3): 211-220.

Battersby, J., & Crush, J. (2016). The making of urban food deserts. *Rapid Urbanisation, Urban Food Deserts and Food Security in Africa*, 1-18.

### **Thursday, October 26**

No class. Midterm break



## **Tuesday, October 31**

### 12<sup>th</sup> Discussion: Agriculture, Food Sovereignty & Food Systems

Moseley, W.G. 2021. "Political Agronomy 101: An Introduction to the Political Ecology of Industrial Cropping Systems." In: Alexandros Gasparatos and Abubakari Ahmed (eds). *The Political Ecology of Industrial Crops*. London: Earthscan/Routledge. Pgs 25-44.

Chappell, J. 2018. "Chapter 2: Food Security, Food Sovereignty and Beginning to End Hunger." In: *Beginning to End Hunger: Food and the Environment in Belo Horizonte, Brazil and Beyond*. Berkeley: University of California Press. Pgs 34-65.

Clapp, J. and W.G. Moseley. 2020. "This Food Crisis is Different: COVID-19 and the Fragility of the Neoliberal Food Security Order." *Journal of Peasant Studies*. 47 (7): 1393-1417. DOI: 10.1080/03066150.2020.1823838.

## **Thursday, November 2**

### 13<sup>th</sup> Discussion: Feminist Political Ecology, Water and Marginal Crops

D. E. Rocheleau, B. Thomas-Slayter and E. Wangari (eds.). 1997. *Feminist Political Ecology: Global Perspectives and Local Experience*. Chap 1.

Fehr, R and W.G. Moseley. 2019. "Gardening Matters: A Political Ecology of Female Horticulturists, Commercialization, Water Access and Food Security in Botswana." *African Geographical Review*. 38(1): 67-80.

Bezner-Kerr, R. 2014. "Lost and found crops: agrobiodiversity, indigenous knowledge, and a feminist political ecology of sorghum and finger millet in Northern Malawi." *Annals of the Association of American Geographers*. 104: 577-93

## **Tuesday, November 7**

### 14<sup>th</sup> Discussion: Political Ecology of Mining

Kojola, E. (2019). "Bringing back the mines and a way of life: Populism and the politics of extraction." *Annals of the American Association of Geographers*, 109(2), 371-381.

Perreault, T. (2018). Energy, extractivism and hydrocarbon geographies in contemporary Latin America. *Journal of Latin American Geography*, 17(3), 235-252.

Engels, B. (2017). Not all glitter is gold: Mining conflicts in Burkina Faso. In *Contested Extractivism, Society and the State: Struggles over Mining and Land* (pp. 149-169). London: Palgrave Macmillan UK.

## **PART III: ENVIRONMENT AND DEVELOPMENT PRAXIS: WHAT TO DO?**

### **Thursday, November 9**

#### 15<sup>th</sup> Discussion: Alternative Development Paradigms

Gibson-Graham, J.K. 1996. Selections from Preface (pp.vii-xi) and Ch. 1 (pp.1-11). *The End of Capitalism (as we know it): A feminist critique of political economy*.

Gibson-Graham, J.K. 2004. Surplus Possibilities: Re-presenting Development and Post-Development. Conference on Economic Representations: Academic and Everyday. University of California Riverside. April.

Moseley, W.G. 2024. "Chapter 1: Introduction: Decolonizing African Agriculture." In: *Decolonizing African Agriculture: Food Security, Agroecology and the Need for Radical Transformation*. London: Agenda Publishing (in press).

**Sunday, November 12**

Half draft due Sunday, 11/12 at 11pm via moodle.

**Tuesday, November 14**

16<sup>th</sup> Discussion: Fieldwork, Development and Scholarship

Robbins, P. 2012. *Political Ecology: A Critical Introduction*. 2<sup>nd</sup> ed. Malden, MA: Blackwell Publishing. Chap 11 (Environmental Subjects and Identities)

Walker, P. 2006. "Political Ecology: Where is the Policy?" *Progress in Human Geography*. 30(3): 382-395.

Kangmennaang, J., Kerr, R. B., Lupafya, E., Dakishoni, L., Katundu, M., & Luginaah, I. (2017). Impact of a participatory agroecological development project on household wealth and food security in Malawi. *Food Security*, 9, 561-576.

**Thursday, November 16.**

No collective class. Meet with Bill individually on Thurs-Fri to discuss half draft. Make an appointment here (<https://calendar.app.google/tmGxENQL4yfQf9MW6>).

**Tuesday, November 21**

Lecture/discussion led by Bill: "Life after Macalester."

**Thursday, November 23**

No class. Thanksgiving break

**Tuesday, November 28**

Political ecology alumni career panel. Engage with several alums of the course in terms of what they have done post-Macalester.

**Thursday, November 30**

No class. Writing day. Full paper draft due Sunday, 12/3 at 11pm via moodle.

**Tuesday, December 5**

Peer review in class

**Thursday, December 7**

Student Presentations

**Tuesday, December 12**

Student Presentations and course evaluations

**Wednesday, December 13**

Final Research Paper by 11pm on Wednesday, 12/13 via moodle

*Welcome to the course! I look forward to working with you this semester.*