
GEOG 601: GEOGRAPHIC PERSPECTIVES

Fall 2020

Thursdays 9:00AM-12:00PM

Virtual Classroom: <https://rutgers.zoom.us/j/9577401736>

Instructor: Dr. Andrea Marston

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Real Life Office: LSH-B255

Zoom Office: <https://rutgers.zoom.us/j/9577401736>

Office Hours: Tuesdays, 4:15-6:15PM

Book OH Online: <https://marston-office-hours.youcanbook.me>

Course Canvas Page: <https://rutgers.instructure.com/courses/73801>

To prune and prune my mental garden . . . to reroute and replace old reference points, those epistemological locations, the familiar methodologies that have ordered my thinking so very easily. Having pruned and weeded and rerouted everything, to learn to live again, to think without those same paths, plants, ground, and walls. The exercise is excruciatingly difficult—I am haunted by memories of my disciplining. Whoever thought it would be so much more difficult to unlearn than learn? I persist. (Banu Subramaniam 2014, p. 71)

Welcome to Geographic Perspectives, the first in a series of two required courses for incoming Geography graduate students. This course provides a critical introduction to key themes and theoretical-methodological debates within the discipline. Your three main goals for this course are: 1) to familiarize yourself with the breadth of contemporary geographic topics, 2) to identify and learn about at least one specific subfield of interest, and 3) to foster a collegial community of graduate students. We'll approach these goals via shared readings, weekly written reflections, individual presentations, and – most importantly – active participation in seminar discussions.

The question of what “counts” as geography and what is relevant disciplinary history is both important to ask and challenging to answer. The discipline that we inhabit today has inextricably colonial roots, and geographers have been complicit in contemporary structures of racism, sexism, imperialism, capitalism, militarism and other violent “-isms.” We could easily spend the entire semester tracing this history. But, in the interest of not unintentionally re-canonizing a long list of European white men, I have chosen instead to foreground the contemporary scholarship emerging from within geography and geography-adjacent fields. When relevant, these contemporary texts will be accompanied by “classic” texts and/or reflections on the discipline’s history. For those of you interested in learning more about the history of the discipline, I have included a list of helpful books for your reference. I am also happy to fill in historical context whenever needed.

I am trained as a human (environmental) geographer, and this course will be more “human” than “physical,” though I have carved out several places to reflect on why the human/physical split exists and its impact on the discipline as a whole. I am always happy to have more traditionally “physical” geographical concerns incorporated into class discussions.

This course is reading intensive. Expect to read the equivalent of a book and 2-3 articles every week. However, I am sensitive to the fact that this is an unusually challenging time to begin your graduate studies. I strongly encourage you to speak with me in office hours or to send me an email if you have any concerns about course material or your graduate experience more generally. Given the uncertainty of the pandemic, I am more than willing to take special circumstances into account in my assessment process. The main goal of this course is to

lay a solid foundation for you to pursue your interests within and beyond Geography, and we can always find alternative ways to make that happen.

Virtual Life:

- **Zoom:** We'll be using Zoom for class discussions and office hours. If you haven't already done so, you can set up your Rutgers Zoom account by following instructions here: <https://it.rutgers.edu/zoom/>. If you have any technical issues with it, let me know and/or get in touch directly with Rutgers OIT (Office of Information Technology) at help@oit.rutgers.edu or 833-OIT-HELP.
- **Canvas:** We will use the "modules" feature on Canvas to organize readings, discussion boards, and places to upload midterm and final papers. You can see how this works by visiting the Canvas page at <https://rutgers.instructure.com/courses/73801>.
- **Classroom:** Our "classroom" is my Zoom office: <https://rutgers.zoom.us/j/9577401736>. Please log into this page at our regular class time. To the extent possible, please keep your camera on, though you may turn it off if your connection is slow or if you need to step away for a minute. Please turn your microphone off when you are not talking. I am very (personally!) aware that being at home makes seminar participation challenging, and I am open to adaptations that work for you. Children and pets are welcome on camera, virtual backgrounds are great, and anything else you need should be fine.
- **Office Hours:** I will hold office hours on Tuesdays from 4:15-6:15pm, but please make an appointment in advance at <https://marston-office-hours.youcanbook.me>. At your appointed time, you can just join my Zoom office (same as our classroom - <https://rutgers.zoom.us/j/9577401736>).

Almost all of the required books for this course are available online, either on Canvas or through the Rutgers library:

- McKittrick, Katherine. (2006) *Demonic Grounds: Black Women and the Cartographies of Struggle*. Minneapolis: Minnesota University Press. [Library]
- Gilmore, Ruth Wilson. (2007). *Golden gulag: Prisons, surplus, crisis, and opposition in globalizing California*. Berkeley: Univ of California Press. [Library]
- Wright, M. W. (2006). *Disposable women and other myths of global capitalism*. New York: Routledge. [Canvas]
- Federici, Silvia, 2004. *Caliban and the Witch*. Brooklyn, NY: Autonomedia. [Canvas]
- Ybarra, Megan. (2018). *Green wars: conservation and decolonization in the Maya forest*. Univ of California Press. [Library]
- Goswami, Manu. (2004). *Producing India: from colonial economy to national space*. Chicago: University of Chicago Press. [Canvas]
- Foucault, Michel. (1990). *The history of sexuality: An introduction*. New York: Random House. [Canvas]
- Stoler, Ann Laura. (1995). *Race and the education of desire: Foucault's history of sexuality and the colonial order of things*. Duke University Press. [Canvas]
- Cowen, Deborah. (2014). *The deadly life of logistics: Mapping violence in global trade*. U of Minnesota Press. [Library]
- Carney, Judith A. (2009). *Black rice: the African origins of rice cultivation in the Americas*. Harvard University Press. [Library]
- Sze, Julie. (2006). *Noxious New York: The racial politics of urban health and environmental justice*. MIT press.
- Weizman, Eyal. (2012). *Hollow land: Israel's architecture of occupation*. New York: Verso books. [Canvas]

The only book I have not been able to find online is listed below. You will have to purchase, rent, or otherwise obtain this book:

- Starosielski, Nicole. (2015). *The Undersea Network*. Durham: Duke University Press

I have uploaded all required book chapters and articles to Canvas (under Modules). You can find optional articles (and most of the optional books) online through the Rutgers library search function.

Finally, you may also wish to invest in the textbooks and handbooks below, which contain useful histories of the discipline and summaries of disciplinary debates. This is not required; I have uploaded a couple of assigned chapters to Canvas:

- Cresswell, Timothy. (2012). *Geographic thought: A critical introduction*. Hoboken, NJ: John Wiley & Sons.
- Livingstone, David. (1992). *The geographical tradition: Episodes in the history of a contested enterprise*. Malden, MA: Blackwell.
- Gregory, Derek; Johnston, Ron; Pratt, Geraldine; Watts, Michael; Whatmore, Sarah. (Eds.). (2011). *The dictionary of human geography*. John Wiley & Sons.
- Peet, Richard. (1998). *Modern geographical thought*. Oxford: Blackwell.

COURSE FORMAT & REQUIREMENTS

Readings

In each week of the course agenda below, there is a list of required and optional (“further”) readings. The required readings are, well, required. Please read them thoughtfully and generously, as they are designed to anchor our class discussions. The optional readings are there for you to read on your own time if you find the topic particularly interesting or confusing, or if you would just like to know more.

Independent Research

Throughout the semester, you will be doing independent research on a subfield of Geography that is relevant to your research interests. For example, you might choose to dive into Black geographies, feminist geographies, economic geography, political ecology, urban geography, political geography, etc. The purpose of independent research is to give you a solid working foundation in your subfield of interest. In this class, you will use the content of your research for your midterm assessment (annotated bibliography) and final paper. However, it will ideally become the basis of a qualifying exam field, or it might even result in a draft of a publishable article. **For this reason, please consult with me in office hours about your proposed topic before you spend too much time researching.**

Presentations

Each week one student will present their reactions to the readings and offer points for discussion. Presentations may incorporate a variety of media, but this is not required. Presentations should be about 10-15 minutes long and should end with questions that stimulate conversation.

Reading reflections

Reading reflections (approx. 400-500 words) will be required each week by those students who are **not** presenting. They should be posted on the corresponding Canvas discussion board by Wednesday at 5:00 PM. Reading reflections need not be very formal, and I will not be grading their content – they are more for you to practice synthesizing your thoughts. Everyone should read one another’s reflections on Canvas before class on Thursday.

Participation in Class Discussion

This is a seminar, which means that everyone needs to participate to ensure mutual learning. Since we will be meeting virtually this semester, it is all the more crucial that you make use of our limited time by verbally conveying your thoughts, references, questions, etc. To help stimulate conversation, please come to class with at least two prepared questions about the readings. We will write these questions into the chat and discuss them each in turn.

Annotated Bibliography

For the midterm assessment, you will submit an annotated bibliography that contains at 15-20 **key** sources from your subfield of choice. Each of the sources should be accompanied by 3-5 sentences that describe the content of the source and why it is important.

Final Paper

For the final assignment, you will turn your annotated bibliography into a review article in the format of *Progress in Human Geography* (12-15 pages). We will discuss this format towards the middle of the semester, but the defining features of a *Progress in Human Geography* article are that it both *summarizes* the field to date and makes an argument about the *direction* that the subfield should be moving. What is missing? What would be even more exciting? With what other disciplines or subfields should it be in conversation? What are the stakes (political or academic) of moving in this direction?

Assessment

Students will be assessed according to the following scheme:

- Classroom participation – 25%
- Reading reflections – 25%
- Presentations – 15%
- Annotated bibliography – 15%
- Final paper – 20%

Key dates

- Annotated Bibliography due 9AM on Monday, November 9th.
- Final Paper due 9AM on Thursday, December 17th.

Policies and Expectations

- This (virtual) classroom should be a safe space. Offensive language will not be tolerated, preferred pronouns will be respected, and we will all listen generously to our colleagues as we learn from one another. If you have concerns about classroom dynamics at any point, please let me know.
- Please keep track of your own deadlines, as these won't necessarily be discussed in class. Incompletes will only be granted in the case of illness or family/personal emergency.
- Plagiarism or other academic misconduct will not be tolerated and is sufficient basis for a failing grade in this course. Plagiarism will be reported to the Geography Department Chairperson, the Graduate School Dean, and the Rutgers Judiciary Affairs. **Please speak with me if you have any questions about what counts as plagiarism.**

COURSE AGENDA

Week 1 (9/3): Welcome!

- Cresswell, Tim. 2013. "A Critical Introduction." Chapter 1 of *Geographic Thought: A Critical Introduction*. Hoboken, NJ: John Wiley & Sons.

Week 2 (9/10): Troubled Past, Troubled Present

- Driver, Felix. (1992). Geography's empire: histories of geographical knowledge. *Environment and Planning D: Society and Space*, 10(1), 23-40.
- Smith, Neil. 1987. "Academic War over the Field of Geography": The Elimination of Geography at Harvard, 1947-1951. *Annals of the Association of American Geographers* 77(2): 155-172.
- Mahtani, Minelle. (2014). Toxic geographies: Absences in critical race thought and practice in social and cultural geography. *Social & Cultural Geography*, 15(4), 359-367.
- Hawthorne, Camilla., & Heitz, Kaily. (2018). A seat at the table? Reflections on Black geographies and the limits of dialogue. *Dialogues in Human Geography*, 8(2), 148-151.
- Oswin, Natalie. (2020). An other geography. *Dialogues in human geography*, 10(1), 9-18.

Further Reading:

- *Histories of the discipline:*
 - Cresswell, Timothy. (2012). *Geographic thought: A critical introduction*. Hoboken, NJ: John Wiley & Sons.
 - Livingstone, David. (1992). *The geographical tradition: Episodes in the history of a contested enterprise*. Malden, MA: Blackwell.
 - Peet, Richard. (1998). *Modern geographical thought*. Oxford: Blackwell.
 - Harley, John Brian. 2002. *The New Nature of Maps: Essays in the History of Cartography*. Baltimore: Johns Hopkins University Press.
- *Critiques of the discipline:*
 - Pulido, Laura. (2002). Reflections on a white discipline. *The Professional Geographer*, 54(1), 42-49.
 - Kobayashi, Audrey. & Peake, Linda. (1994) Unnatural discourse. Race and gender in geography. *Gender, Place & Culture*, 1:2, 225-243.
 - McKittrick, Katherine., & Peake, Linda. (2005). What difference does difference make to geography. *Questioning geography: Fundamental debates*, 39-54.

Week 3 (9/17): Tracing the Human-Physical Divide

- Subramaniam, Banu. (2014). *Ghost stories for Darwin: The science of variation and the politics of diversity*. University of Illinois Press (Parts 1 & 2 - pp. 1-158).
- Pratt, Mary Louise. (1992). "Alexander von Humboldt and the reinvention of América." Chapter 6 of *Imperial Eyes: Travel Writing and Transculturation*, pp. 109-140. New York: Routledge.
- Livingstone, David N. (1992). "Evolution and the Founding of a Tradition." Chapter 6 in *The Geographical Tradition*, pp. 177-215. Malden, MA: Blackwell.

Further Reading:

- Livingstone, David N. (1992). Chapters 4-7 of *The Geographical Tradition: Episodes in the History of a Contested Enterprise*. Malden, MA: Blackwell.
- Cresswell, Tim. (2013). Chapters 2-5 of *Geographic Thought: A Critical Introduction*. Hoboken, NJ: John Wiley & Sons.

Week 4 (9/24): (Re)thinking Space, Place, & Scale

- McKittrick, Katherine. (2006) *Demonic Grounds: Black Women and the Cartographies of Struggle*. Minneapolis: Minnesota University Press.
- Massey, Doreen. (1994). "A Global Sense of Place." Chapter 6 of *Space, Place, and Gender* (pp. 146-156). London: Sage.
- Harvey, David. (2004). "Space as a Keyword." *David Harvey: A Critical Reader*, 70-93.
- Smith, Neil, & Katz, Cindy. (1993). "Grounding Metaphor: Towards a spatialized politics." *Place and the Politics of Identity*, 66, 76-83.

Further Reading:

- *Space*
 - Massey, Doreen. (1994). *Space, Place, and Gender*. Chapters 1-4. London: Sage
 - Elden, Stuart. (2007). There is a politics of space because space is political: Henri Lefebvre and the production of space. *Radical philosophy review*, 10(2), 101-116.
- *Place*
 - Summers, Brandi T. (2019). *Black in place: The spatial aesthetics of race in a post-chocolate city*. UNC Press Books.
 - McKittrick, Katherine. (2011). On plantations, prisons, and a black sense of place. *Social & Cultural Geography*, 12(8), 947-963.
 - Hart, Gillian. (2018). Becoming a geographer: Massey moments in a spatial education. *Doreen Massey: Critical dialogues*, 75-89.
- *Scale*
 - Smith, Neil. (1992). Geography, difference and the politics of scale. In *Postmodernism and the social sciences* (pp. 57-79). Palgrave Macmillan, London.
 - Swyngedouw, Eric. (2004). Scaled geographies: Nature, place, and the politics of scale. *Scale and geographic inquiry: Nature, society, and method*, 129-153.
 - Marston, Sallie A., Jones III, John Paul, & Woodward, Keith. (2005). Human geography without scale. *Transactions of the institute of British geographers*, 30(4), 416-432.

Week 5 (10/1): Geographies of (Racial) Capitalism

- Gilmore, Ruth Wilson. (2007). *Golden gulag: Prisons, surplus, crisis, and opposition in globalizing California* (Vol. 21). Univ of California Press.
- Melamed, Jodi. (2015). Racial Capitalism. *Critical Ethnic Studies*, 1(1), 76-85.
- Bledsoe, Adam; McCreary, Tyler; & Wright, Willie. (2019). Theorizing diverse economies in the context of racial capitalism. *Geoforum*.

Further Reading

- *Racial Capitalism*
 - Robinson, Cedric J. (2000). *Black Marxism: The making of the Black radical tradition*. Univ of North Carolina Press.
 - Kelley, Robin D.G. (2017). What did Cedric Robinson mean by racial capitalism? *Boston Review*, 12. <http://bostonreview.net/race/robin-d-g-kelley-what-did-cedric-robinson-mean-racial-capitalism>
 - Pulido, Laura. (2017). Geographies of race and ethnicity II: Environmental racism, racial capitalism and state-sanctioned violence. *Progress in Human Geography*, 41(4), 524-533.
- *Capitalism & Space*
 - Marx, Karl. (1990[1867]). *Capital, Volume 1*. London: Penguin Classics.
 - Part One: Commodities and Money, pp. 125-247.
 - Part 8: So-called Primitive Accumulation., pp. 874-940.
 - Harvey, David. (2001). Globalization and the “spatial fix”. *Geographische* (2) 23-30.
 - Arrighi, Giovanni. (2006). Spatial and other “fixes” of historical capitalism. *Global social change: Historical and comparative perspectives*, 201-212.
 - Fields, Desiree. (2015). Contesting the financialization of urban space: Community organizations and the struggle to preserve affordable rental housing in New York City. *Journal of Urban Affairs*, 37(2), 144-165.

Week 6 (10/8): Geographies of Production and Reproduction

- Wright, M. W. (2006). *Disposable women and other myths of global capitalism*. New York: Routledge.
- England, Kim, & Lawson, Victoria. (2005). Feminist analyses of work: Rethinking the boundaries, gendering, and spatiality of work. *A companion to feminist geography*, 77-92.

- Werner, Marion; Strauss, Kendra; Parker, Brenda; Orzeck, Reecia; Derickson, Kate; & Bonds, Anne (2017). Feminist political economy in geography: Why now, what is different, and what for? *Geoforum*, 79, 1-4.
- Federici, Silvia, 2004. "The Accumulation of Labor and the Degradation of Women." In *Caliban and the Witch*, pp. 61-115. Brooklyn, NY: Autonomedia.

Further Reading:

- Massey, Doreen. (1994). *Space, Place, and Gender*. London: Sage.
- Pratt, Geraldine. (2004). *Working feminism*. Philadelphia: Temple University Press.
- Wright, Melissa W. (2010). Geography and gender: Feminism and a feeling of justice. *Progress in Human Geography*, 34(6), 818-827.
- Mitchell, Katharyne, Marston, Sallie A., & Katz, Cindy. (2012). *Life's work: Geographies of social reproduction*. John Wiley and Sons.

Week 7 (10/15): Geographies of (De)colonialism

- Ybarra, Megan. (2018). *Green wars: conservation and decolonization in the Maya forest*. Univ of California Press.
- Daigle, Michelle, & Ramírez, Margaret Marietta. (2019). Decolonial geographies. *Keywords in radical geography: Antipode at 50*, 78-84.
- Palmer, Meredith Alberta. (2020). Rendering settler sovereign landscapes: Race and property in the Empire State. *Environment and Planning D: Society and Space*, 0263775820922233.
- De Leeuw, Sarah. (2016). Tender grounds: Intimate visceral violence and British Columbia's colonial geographies. *Political geography*, 52, 14-23.

Further Reading:

- Simpson, Audra. (2014). *Mohawk interruptus: Political life across the borders of settler states*. Duke University Press.
- Coulthard, Glen Sean. (2014). *Red skin, white masks: Rejecting the colonial politics of recognition*. U of Minnesota Press.
- Pulido, Laura. (2018). Geographies of race and ethnicity III: Settler colonialism and nonnative people of color. *Progress in Human Geography*, 42(2), 309-318.
- De Leeuw, Sarah, & Hunt, Sarah. (2018). Unsettling decolonizing geographies. *Geography Compass*, 12(7), e12376.

Week 8 (10/22): Producing Space: Territory, Nation, State

- Goswami, Manu. (2004). *Producing India: From colonial economy to national space*. Chicago: University of Chicago Press.
- Brenner, Neil, & Elden, Stuart. (2009). Henri Lefebvre on state, space, territory. *International Political Sociology*, 3(4), 353-377.
- Wainwright, Joel, & Bryan, Joe. (2009). Cartography, territory, property: postcolonial reflections on indigenous counter-mapping in Nicaragua and Belize. *cultural geographies*, 16(2), 153-178.

Further Reading:

- Anderson, Benedict. (2006). *Imagined communities: Reflections on the origin and spread of nationalism*. New York: Verso books.
- Chatterjee, Partha. (1986). *Nationalist thought and the colonial world: a derivative discourse?* Oakland: Zed Books.
- Lefebvre, Henri. (1991). "Plan of the Present Work." Chapter 1 of *The Production of Space*. New York: Blackwell.
- Goswami, Manu. (2002). Rethinking the modular nation form: toward a sociohistorical conception of nationalism. *Comparative Studies in Society and History*, 44(4), 770-799.
- Ross, Kristen. (1996). *Fast cars, clean bodies: Decolonization and the reordering of French culture*. MIT press.

Week 9 (10/29): Spatializing Subjectivity: Race, Gender, Sexuality, Bodies

- Foucault, Michel. (1990). *The history of sexuality: An introduction*. Parts 1-3 (pp. 3-73). New York: Random House.
- Stoler, Ann Laura. (1995). *Race and the education of desire: Foucault's history of sexuality and the colonial order of things*. Duke University Press.

Further Reading:

- Sultana, Farhana. (2009). Fluid lives: subjectivities, gender and water in rural Bangladesh. *Gender, Place and Culture*, 16(4), 427-444.
- Mountz, Allison. (2018). Political geography III: Bodies. *Progress in Human Geography*, 42(5), 759-769.
- Brown, Jacqueline Nassy. (2009). *Dropping anchor, setting sail: Geographies of race in Black Liverpool*. Princeton University Press.

Week 10 (11/5): Materializing Space: Infrastructure, Nature, & Things

- Cowen, Deborah. (2014). *The deadly life of logistics: Mapping violence in global trade*. U of Minnesota Press.
- Bakker, Karen, & Bridge, Gavin. (2006). Material worlds? Resource geographies and the matter of nature'. *Progress in human geography*, 30(1), 5-27.
- Mitchell, Timothy. (2002). "Can the mosquito speak?" Chapter 1 of *Rule of experts: Egypt, techno-politics, modernity*, 19-53. Berkeley: UC Press.
- Furlong, Kathryn. (2011). Small technologies, big change: Rethinking infrastructure through STS and geography. *Progress in Human Geography*, 35(4), 460-482.

Further Reading:

- Cowen, Deborah. (2019). Following the infrastructures of empire: Notes on cities, settler colonialism, and method. *Urban Geography*, 1-18.
- Barry, Andrew. (2013). *Material politics: Disputes along the pipeline*. John Wiley & Sons.
- Mitchell, Timothy. (2011). *Carbon democracy: Political power in the age of oil*. Verso Books.
- Braun, Bruce, Whatmore, Sarah J., & Stengers, Isabelle. (2010). *Political matter: Technoscience, democracy, and public life*. U of Minnesota Press.

*****ANNOTATED BIBLIOGRAPHY DUE 9AM MONDAY, NOV 9TH*****

Week 11 (11/12): Nature-Society Geog I: Political Ecology & Beyond

- Carney, Judith A. (2009). *Black rice: the African origins of rice cultivation in the Americas*. Harvard University Press.
- Watts, Michael. (2005). Petro-violence: Community, extraction, and political ecology of a mythic commodity. *Violent environments*, 189-212.
- Mollett, Sharlene, & Faria, Caroline. (2013). Messing with gender in feminist political ecology. *Geoforum*, 45, 116-125.
- Lave, Rebecca, Wilson, M. W., Barron, E. S., Biermann, C., Carey, M. A., Duvall, C. S., ... & Pain, R. (2014). Intervention: Critical physical geography. *The Canadian Geographer/Le Géographe canadien*, 58(1), 1-10.

Further Reading

- Robbins, Paul. (2011). *Political ecology: A critical introduction* (Vol. 16). John Wiley & Sons.
- Valdivia, Gabriela. (2018). "Wagering Life" in the Petro-City: Embodied Ecologies of Oil Flow, Capitalism, and Justice in Esmeraldas, Ecuador. *Annals of the American Association of Geographers*, 108(2), 549-557.
- Heynen, Nik.
 - (2014). Urban political ecology I: The urban century. *Progress in Human Geography*, 38(4), 598–604.

- (2016). Urban political ecology II: The abolitionist century. *Progress in Human Geography*, 40(6), 839–845.
- (2018). Urban political ecology III: The feminist and queer century. *Progress in Human Geography*, 42(3), 446–452.

Week 12 (11/19): Nature-Society Geog II: Environmental Racism & Environmental Justice

- Sze, Julie. (2006). *Noxious New York: The racial politics of urban health and environmental justice*. Cambridge, MA: MIT press.
- Pulido, Laura, & De Lara, Juan. (2018). Reimagining ‘justice’ in environmental justice: Radical ecologies, decolonial thought, and the Black Radical Tradition. *Environment and Planning E: Nature and Space*, 1(1-2), 76-98.
- Ranganathan, Malini, & Balazs, Carolina. (2015). Water marginalization at the urban fringe: environmental justice and urban political ecology across the North–South divide. *Urban Geography*, 36(3), 403-423.
- Dillon, Lindsay. (2014). Race, waste, and space: Brownfield redevelopment and environmental justice at the Hunters Point Shipyard. *Antipode*, 46(5), 1205-1221.

Further Reading

- Pulido, Laura. (2008). Black, brown, yellow and left: Radical activism in Los Angeles.
- Pulido, Laura. (2017). Geographies of race and ethnicity II: Environmental racism, racial capitalism and state-sanctioned violence. *Progress in Human Geography*, 41(4), 524-533
- Finney, Carolyn. (2014). *Black Faces, White Spaces: Reimagining the Relationship of African Americans to the Great Outdoors*. Chapel Hill: UNC Press.
- Fernando, Jude L. 2020. The Virocene Epoch: the vulnerability nexus of viruses, capitalism and racism. *Journal of Political Ecology* 27: 635-684

NO CLASS 11/26 (THANKSGIVING)

Week 13 (12/3): Militarized Geographies

- Weizman, Eyal. (2012). *Hollow land: Israel's architecture of occupation*. New York: Verso books.
- Bryan, Joe. (2016) Geography and the Military: Notes for a Debate, *Annals of the American Association of Geographers*, 106:3, 506-512.
- Greenburg, J. (2013). The "strong arm" and the "friendly hand": Military humanitarianism in post-earthquake Haiti. *Journal of Haitian Studies*, 19(1), 95-122.
- Kaplan, Caren, & Miller, Andrea. (2019). Drones as “Atmospheric Policing” From US Border Enforcement to the LAPD. *Public Culture*, 31(3), 419-445.

Further Reading:

- Benjamin, Ruha. (2016). Catching our breath: critical race STS and the carceral imagination. *Engaging Science, Technology, and Society*, 2, 145-156.
- Cowen, Deborah. (2008). *Military workfare: The soldier and social citizenship in Canada* (Vol. 31). University of Toronto Press.
- Gregory, Derek. (2004). *The Colonial Present: Afghanistan, Palestine, Iraq* (pp. 1-15). Malden, MA: Blackwell.
- Woodward, Rachel. (2005). From military geography to militarism's geographies: disciplinary engagements with the geographies of militarism and military activities. *Progress in Human Geography*, 29(6), 718-740.

Week 14 (12/10): Geographies of Information Technologies

- Starosielski, Nicole. (2015). *The Undersea Network*. Durham: Duke University Press.
- Kwan, Mei Po. (2002). Feminist visualization: Re-envisioning GIS as a method in feminist geographic research. *Annals of the association of American geographers*, 92(4), 645-661.

- Martin, K. S., & Hall-Arber, M. (2008). The missing layer: Geo-technologies, communities, and implications for marine spatial planning. *Marine Policy*, 32(5), 779-786.
- Torkelson, Erin. (2020). Collateral damages: Cash transfer and debt transfer in South Africa. *World Development*, 126, 104711.sch

Further Reading:

- Haraway, Donna. (2010). "A Cyborg Manifesto"(1985). *Cultural Theory: An Anthology*, 454.
- Elwood, S. (2008). Volunteered geographic information: future research directions motivated by critical, participatory, and feminist GIS. *GeoJournal*, 72(3-4), 173-183.
- O'Sullivan, D. (2006). Geographical information science: critical GIS. *Progress in Human Geography*, 30(6), 783-791.

***** FINAL PAPER DUE 9AM THURSDAY, DECEMBER 17th*****