

Climate Change and Environmental Justice, Spring 2025

LAS 6938, course 25629, section SPG1/ANG 6930, course 26915, section SP69

Tuesdays, periods 3-5, Grinter Hall 376

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This course brings together natural and social sciences to explore causes, impacts, and responses to climate-related changes in Latin America and beyond. A political ecology approach integrates phenomena operating on various spatial and temporal scales: global scientific reports and policy proposals, local to international business and politics, sociocultural systems, and case studies. We learn from a range of environmental justice movements informed by indigenous ecological knowledge and organization, ecofeminisms, ecological masculinities, and critiques of climate coloniality, as well as south-south and north-south alliances. We examine roles of coloniality/class/race/gender, and the drive for economic growth, in historical processes that have set the scene for environmental degradation via asymmetric flows of resources, uneven economic development, and unequal distribution of environmental costs and benefits. Participants critically analyze competing approaches to conservation, biodiversity, and sustainable food systems in the context of different proposals for adaptation, mitigation, and transformation.

This course counts toward Graduate Certificates in *Latin American Studies*, and in *Tropical Conservation and Development*, where it counts as a Conceptual Core course, and toward *Interdisciplinary Climate Science Concentration*.

LEARNING OBJECTIVES

Students who engage actively in this course will develop their capacities to:

1. Understand basic science of climate change, and identify ecosocial impacts in context.
2. Think critically about mainstream global responses to climate crises.
3. Recognize a wide range of environmental justice struggles and initiatives.
4. Consider history and future potential of indigenous ecological knowledge and organization.
5. Assess competing theories about causal dynamics leading to the Anthropocene.
6. Critically compare strategies for conservation and biodiversity, including sustainable development, indigenous-led conservation, convivial conservation, market-led programs, and protected areas.
7. Identify and analyze how coloniality, class, race, and gender have been harnessed to facilitate exploitation of nature, and ways they have been mobilized in struggles for environmental justice.
8. Discern among contrasting proposals for climate mitigation, adaptation, and transformation with attention to differentiated impacts and burdens (e.g., IPCC, resilience science, eco-modernism, green growth, ecological economics, degrowth, and buen vivir).
9. Exercise skills and strategies to engage in transformative research and practice: facilitation, peer review, debates, posters, presentations, evidence-based writing, and creative writing.
10. Reflect critically on their own consumption and lifestyles, ecosocial impacts of their behaviors and choices, and ways to forge meaningful sustainable lives in the face of rapid global change.

Assignments: online blogs, group project on select environmental justice movement, final paper and presentation, vision board.

Topics and readings for weekly sessions (*course participants will select and prioritize options*)

1. Key concepts and analytical frame for this course

- Introduce political ecology framework
- Concepts: climate change, environmental justice, earth systems, sociocultural systems

2. Disrupted earth systems and planetary boundaries

- Baker, Z. et al., eds. 2024. Climate, Science and Society, A Primer. Open Access book.
- Earth Systems explained: atmosphere, geosphere, hydrosphere, biosphere, Encyclopedia.com
- Piers M. Forster et al. 2023. “Indicators of Global Climate Change 2022: annual update of large-scale indicators of the state of the climate system and human influence,” *Earth System Science Data* (news release)
- International Geosphere-biosphere Program. Explore website, Great Acceleration
- IPCC, The Synthesis Report of the Sixth Assessment Report (2023)
- Lenton et al. 2020. Climate tipping points too risky to bet against, *Nature*.
- Breaking news from COP29, Baku, Azerbaijan, November 2024.

3. Environmental violence and climate refugees. Environmental justice through distribution, recognition, procedure, capabilities, restoration

- Dearing, A. 2023. Climate Justice in the Anthropocene: An Introductory Reading List. *JSTOR Daily*.
- EJAtlas - Global Atlas of Environmental Justice website.
- Leach, M. et al. 2018. Equity and sustainability in the Anthropocene: a social–ecological systems perspective on their intertwined futures, *Global Sustainability*.
- Abby Martin. 2021. Watch film trailer: Earth's Greatest Enemy – and War on Earth: US military is biggest polluter.
- Newell, P. et al. 2021. Toward transformative climate justice: An emerging research agenda. *WIREs Climate Change*.
- Stefan Pedersen, Dimitris Stevis & Agni Kalfagianni. 2024. What is planetary justice? Special Issue of *Environmental Politics*, Volume 33, Issue 7.

4. Initiatives and alliances for climate justice: Course participant groups select, study and present diverse movements from around the world

- 350 Global grassroots climate movement browse news, videos, etc.
- Conde, M. et al. 2023. Slow justice and other unexpected consequences of litigation in environmental conflicts. *Global Environmental Change*, 83, 102762. <https://doi.org/10.1016/j.gloenvcha.2023.102762>
- El Escazu Agreement.
- Extinction rebellion browse news, videos, etc. on web
- Barry K Gills and Dr. S A Hamed Hossieni, 2022. Pluriversality and beyond: consolidating radical alternatives to (mal)development as a Communist project. *Sustainability Science* 9pp

- International Development Law Organization. 2022. *Climate Justice for Women and Girls: A Rule of Law Approach to Feminist Climate Action*. IDLO.
- Peoples of the Global South. 2023. *Manifesto for an Ecosocial Energy Transition from the Peoples of the South*
- Solnit, R., and T. Young Lutunatabua, eds. 2023. *Not Too Late: Changing the Climate Story from Despair to Possibility*. Haymarket Books, Chicago, IL.

5. Contexts where social systems, ecosystems, and earth systems interact

- Chakraborty, R. et al. 2023. *Mountains of inequality: Encountering the politics of climate adaptation across the Himalaya*. *Ecology and Society*, 28(4).
- Jayne Engle et al. 2022. *Sacred Civics: Building Seven Generation Cities*. Open Access book.
- Farley, J. et al. 2024. *Rethinking ecosystem services from the anthropocene to the Ecozoic: Nature's benefits to the biotic community*. *Ecosystem Services*.
- Gatti, L.V. et al. 2021. *Amazonia as a Carbon Source Linked to Deforestation and Climate Change*. *Nature*, 595: 388-393.
- Klein, J., et al. 2019. *Catalyzing Transformations to Sustainability in the World's Mountains*. *Earth's Future*, 7, 547-557
- Carlos Nobre, Co-Chair. 2023. Science Panel for the Amazon (SPA) World Economic Forum Annual Meeting in Davos.
- Tornel, Carlos. 2023. *Energy justice in the context of green extractivism: Perpetuating ontological and epistemological violence in the Yucatan Peninsula*. *Journal of Political Ecology*.
- Vijayendra, T. et al. 2023. *Transition Town Movement: Local Action in the Wake of Global Emergency and Collapse*. Open Access book.

6. Intersection of sociocultural structures and systems (coloniality, race, class, gender, generation)

- Hans A. Baer. 2021. *Global Capitalism and Climate Change: The Need for an Alternative System*. Lanham, MD: Lexington Books. [Book review](#).
- Colfer, C. et al. 2018. *Making sense of intersectionality: A manual for lovers of people and forests*. *Center for International Forestry Research (CIFOR)*.
- Generation Equality Forum explore website, [Video](#) 2.23 minutes
- Clarence C. Gravlee (2009) *How Race Becomes Biology: Embodiment of Social Inequality*. *Journal of Physical Anthropology* 10pp
- Hesketh, Chris. 2023. *Indigenous resistance at the frontiers of accumulation: Challenging the coloniality of space in International Relations*. *Review of International Studies*.
- Farhana Sultana. 2023. Video: *Decolonizing Climate Coloniality*. Futures of sustainability, Hamburg.
- Lang, M. et al. 2024. *The Geopolitics of Green Colonialism Global Justice and Ecosocial Transitions*. 2024 Pluto Press.
- Charley Locke. Nov 2024. *How Is Climate Change Affecting Teenagers?* - The New York Times.
- Paulson, Susan 2024 World-making technology entangled with coloniality, racialization, and gender. *Environmental Values*.
- Sultana, F. 2023. *Decolonizing Climate Coloniality* in R. Solnit and T. Young Lutunatabua, eds. *Not Too Late: Changing the Climate Story from Despair to Possibility*. Haymarket Books, Chicago.
- Sundberg, J. 2008. Placing Race in Environmental Justice Research in Latin America. *Society & Natural Resources*.

7. Responses in Latin America: Indigenous-led conservation, postdevelopment pathways, Buen Vivir, communitarian feminisms, territoriality

- José Astudillo Banegas PRÁCTICAS DEL BUEN VIVIR Experiencias en comunidades shuar, kichwa y manteña.
- Cabnal, L 2010, *Feminismos diversos: el feminismo comunitario*, ACSUR, Las Segovias.
- Caceres, Berta. 2015. Goldman Prize Acceptance Speech. Video 3 minutes
- Gustavo Esteva, Salvatore Babones, and Philipp Babczyk. 2021 POSDESARROLLO contextos, contradicciones, futuros.
- Dorotea Gómez Grijalva. 2012. Mi cuerpo es un territorio político, *Brecha Lesbica*.
- Kothari, A., F. Demaria and A. Acosta. 2014. Buen Vivir, Degrowth and ecological Swaraj: Alternatives to sustainable development and the Green Economy. *Development*, 12pp
- Kothari. A., A. Salleh, A. Escobar, F. Demaría, A. Acosta. 2019. Pluriverse: A Post-Development Dictionary. Activity w introduction and participant-selected chapters. Free PDF book available in several languages.
- Ailton Krenak (Brazil) - on protecting the Earth. Gaia Foundation. Video 1.33 minutes
- Ailton Krenak. Ideas to Postpone the End of the World. Check out book summary in Portuguese, Spanish, English.
- Menonte Nenquimo, 2020. This is my message to the Western world: your civilization is killing life on Earth, *The Guardian* Ailton Krenak (Brazil) - on protecting the Earth. Gaia Foundation. Video 1.33 min
- Lizbeth NÚÑEZ-CARRASCO et al. 2023 Social capital, biocultural heritage, and commoning for inclusive sustainability of peasant agriculture: three case studies in Argentina, Bolivia, and Chile. *Desenvolvimento e meio ambiente*.
- José Rubens Morato et al. organizadores, 2022. GEODIREITO, JUSTIÇA CLIMÁTICA E ECOLÓGICA. Perspectivas para a América Latina.
- Nenquimo, Nemonte. The forest is our teacher, it's time to respect it . *Ted Talk* 8 min.
- Porto-Gonçalves, Carlos Walter, and Enrique Leff. "Political Ecology in Latin America: The Social Re-Appropriation of Nature, the Reinvention of Territories and the Construction of an Environmental Rationality." *Desenvolvimento e Meio Ambiente* 35 (December 24, 2015). <https://doi.org/10.5380/dma.v35i0.43543>.
- Maristella Svampa. 2019. Neo-Extractivism in Latin America Socio-environmental Conflicts, the Territorial Turn, and New Political Narratives. Open-access book.
- Moreano Venegas, M., M. Lang, G. Ruales Jurado. 2021, *Climate justice from the perspective of Latin American and other Southern Feminisms*, Rosa Luxembourg Foundation, Quito. Also available in Spanish.
- State of the Climate in Latin America and the Caribbean, *World Meteorological Association* website. Explore statements, charts, and documents, watch highlights

8. Conserving the biosphere. How do biodiversity, biomass, and habitat interact with climate change and justice? (Each course participant focuses on one of the competing conservation approaches addressed here)

- [Global Assessment Report 2019](#), UNEP *Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Browse (for summary, see Jonathan Watts. 2019. Discussion of the [Biodiversity report](#), *The Guardian*)
- UNEP 2021. [Making Peace with Nature](#) A scientific blueprint to tackle the climate, biodiversity and pollution emergencies. *Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Read executive summary 32 pp (check out [visual features](#)).
- COP15: [FINAL TEXT OF KUNMING-MONTREAL GLOBAL BIODIVERSITY FRAMEWORK](#). Browse in any UN language.
- Survival International. 2022. [A guide to decolonize language in conservation](#). Online in multiple languages.
- Faisal Moola. Webpage. [People, plants, policy lab](#) Indigenous-led biocultural approaches to conservation.
- 2022 [COP15 biodiversity deal is ‘new era’ for Indigenous-led conservation](#) *New Scientist*, news brief
- Palomo, I., B. Locatelli, I. Otero, M. Colloff, E. Crouzat, A. Cuni-Sanchez, E. Gómez-Baggethun, A. González-García, A. Grêt-Regamey, A. Jiménez-Aceituno, B. Martín-López, U. Pascual, N. Zafra-Calvo, E. Bruley, M. Fischborn, R. Metz, and S. Lavorel. 2021. [Assessing nature-based solutions for transformative change](#). *One Earth* 4:730-741.
- Brondízio, ES, Aumeeruddy-Thomas, Y, Bates, P, Carino, J, Fernández-Llamazares, Á, Ferrari, MF, Galvin, K, Reyes-García, V, Mcelwee, P, Molnár, Z, Samakov, A & Shrestha, UB (2021) [Locally Based, Regionally Manifested, and Globally Relevant: Indigenous and Local Knowledge, Values, and Practices for Nature](#). *Annual Review of Environment and Resources*, 46, 481-509.
- Duncanson, L, Liang, M, Leitold, V, Armston, J, Krishna Moorthy, SM, Dubayah, R, Costedoat, S, Enquist, BJ, Fatoyinbo, L, Goetz, SJ, Gonzalez-Roglich, M, Merow, C, Roehrdanz, PR, Tabor, K & Zvoleff, A. 2023. [The Effectiveness of Global Protected Areas for Climate Change Mitigation](#). *Nature Communications*, 14, 2908.
- Kolinjivadi, V., Van Hecken, G., and Merlet, P. (2023). Fifteen years of research on Payments for Ecosystem Services (PES): Piercing the bubble of success as defined by a Northern-driven agenda. *Global Environmental Change* 83: 102758. <https://doi.org/10.1016/j.gloenvcha.2023.102758>.
- Half-Earth or Whole-Earth? Green or transformative recovery? [Where are the voices from the Global South?](#) ASHISH KOTHARI, 2021. Cambridge University Press 2pp
- [Half Earth project](#). Website
- Robin McKie. 2016. [Half Earth](#): Our Planet’s Fight for Life by E. O. Wilson – review. *The Guardian News*
- An [Ecomodernist Manifesto](#) 32pp
- It is time for [Ecomodernism?](#) | Hidde Boersma | TEDxEde
- Cooper, Anderson, 2021 (February 14), “[Bill Gates on Climate Change](#),” CBS 60 Minutes 13 min video
- Bram Büscher and Robert Fletcher. 2022 [Convivial Conservation](#). From Protection to Connection. Explore site & book.
- Paulson, DeVore, Hirsch. 2021. [Convivial Conservation with Nurturing Masculinities in Brazil's Atlantic Forest](#). 11pp
- [My Octopus Teacher](#), watch [trailer](#)
- John Bellamy Foster. 2017. Eco-socialist path [The Long Ecological Revolution](#). 15pp
- [Toward productive complicity: Applying ‘traditional ecological knowledge’ in environmental science](#) Benedict E Singleton,^{1,3} Maris Boyd Gillette,¹ Anders Burman¹ and Carina Green^{2,.} 2021. *Anthropocene Review*.

9. Perspectives on drivers of biocultural change and historical dynamics that brought about this era

- Davis, J. et al. 2019. Anthropocene, Capitalocene, . . . Plantationocene?: A manifesto for ecological justice in an age of global crises. *Geography Compass*.
- Di Chiro, G. 2017 Welcome to the white (m)anthropocene?: A feminist-environmentalist critique. IN S. MacGregor, ed. *Routledge Handbook of Gender and Environment*.
- Moore, J. and R. Hastings. 2017. Capitolocene and Planetary Justice. *Maize*.
- Jason Moore. 2023. On Capitalogenic Climate Crisis: Unthinking Man, Nature and the Anthropocene, and Why It Matters for Planetary Justice. *Real-World Economics Review*.
- Moore, S.S., et al. 2019 Plantation Legacies. *Edge Effects*. Updated 2021.

10. Degrowth: reduce global use of material and energy, reorient societies away from growth, toward equitable well-being

- Abazeri, M. 2022. Decolonial Feminisms and Degrowth. *Futures*.
- Barca, S. 2020. Forces of Reproduction: Notes for a Counter-Hegemonic Anthropocene. Cambridge University Press.
- Brian Czech, 2022. A Primer on Economic Growth and Biodiversity Conservation for COP15 *Steadystate.org*
- FaDA Writing Collective. 2022. Why are feminist perspectives, analyses and actions vital to degrowth? *Degrowth Journal*.
- Hickel, J. et al. 2022. Degrowth can work — here’s how science can help. *Nature*.

11. Bio-cultural (re)production and gender systems: diverse ecofeminist movements and initiatives

- Dankelman, I. and K. Naidu. 2020. Introduction: Gender, development, and the climate crisis. *Gender & Development*.
- Hackfort, S. and A. Saave 2024, ‘Towards a caring and (re)productive bioeconomy? A feminist analysis of socio-technical innovations and sustainability shortcomings.’ *Sustainability: Science, Practice and Policy*, vol. 20, no. 1, p. 2375808.
- Hofmann, S. and M.C. Duarte. 2021. Gender and Natural Resource Extraction in Feminist Engagements with Geopolitical Positionality. *European Review of Latin American and Caribbean Studies*.
- Ojeda, D., P. Nirmal, D. Rocheleau, J. Emel. 2022. Feminist Ecologies. *Annual Review of Environment and Resources* (47):149–71.

12. Diverse movements and initiatives around masculinities, climate and environmental justice

- Fleming, J. 2017. “Excuse Us, While We Fix the Sky: WEIRD Supermen and Climate Engineering.” In: *Men and Nature: Hegemonic Masculinities and Environmental Change*, edited by Sherilyn MacGregor and Nicole Seymour, *RCC Perspectives* 4: 23–28.
- Hultman, M. and P. Pulé. 2019. Ecological masculinities: a response to the Manthropocene question. In *Routledge International Handbook of Masculinity Studies*. Routledge.

- MenEngage Alliance. 2016 *Men, Masculinities & Climate Change*. Also explore website [MenEngage Alliance](#):
- Nelson, J. 2020. Petro-masculinity and climate change denial among white, politically conservative American males. *International Journal of Applied Psychoanalytic Studies*.
- Nagel, J. and T. Lies. 2022. Re-gendering Climate Change: Men and Masculinity in Climate Research, Policy, and Practice. *Frontiers in Climate*.
- Paulson, S. and W. Boose. 2019. Masculinities and Environment. *CAB Reviews*.
- Pease, B. 2021, ‘Masculinities, Climate Change, and Men’s Relationships with Nature’ [Podcast](#)
- Pulé, P. and M. Hultman. 2021. *Men, Masculinities, and Earth, Contending with the (m)Anthropocene*. Palgrave Macmillan.
- Pierre Smith Khanna. 2021. Sustainable Masculinities and Degrowth: Pathways to Feminist Post-Growth societies. *Institute for Political Ecology*.

13. Debate among responses to climate crises with attention to impacts on different sociocultural groups, places, and temporal scales (adaptation, mitigation, prefiguration, transformation)

- UN Framework Convention on Climate Change (UNFCCC), IPCC reports, COP
- UN Sustainable Development Goals, implemented by UN agencies and others
- Protected areas away from humans (Half Earth, 30 by 30, global and national preserves)
- Indigenous-led conservation: IP forest management, decolonial, conservation through reconciliation
- Ecomodernist: high-tech innovations, scientific planning, geoengineering
- Degrowth
- Convivial conservation: foster mutually-nourishing interactions, biocultural, spiritual, TEK, agroforestry
- Global South pathways (Buen Vivir, Gross National Happiness, Ubuntu)
- Decolonizing decarbonization (Loss and Damage fund, indigenous claims)
- Market mechanisms (REDD, cap & trade, carbon taxes, digital product passports)
- Ben Orlove. 2022. The Concept of Adaptation. *Annual Review of Environment and Resources*.

14. Food systems/food sovereignty. Nourishment, health, bodies

- 5th Global Food Security Conference, April 2024. Towards equitable, sustainable and resilient food systems. Conference page.
- Agroecology Overview FAO Watch video, look at 10 elements.
- Anoushka Zoob Carter. 2023. “Agroecology or Barbarism” What Does It Mean to Struggle for Transition Justice in Agriculture? *Berliner Gazette*.

Participants select from following materials according to interests

- Ranked: The Foods With the Largest Environmental Impact. 2023, web brief
- Sustainable Agriculture Is the New Green Revolution. Kobad Bhavnagri, Bloomberg. March 9, 2023, news brief
- Transforming food systems could create trillions of dollars of economic benefits every year. Jan 2024 Potsdam Institute for Climate Impact Research, news brief

- Special issue on policy-making for agroecology. 2024. Rooted in Agroecology and Food Sovereignty.
- Winona LaDuke – Environmental Activist, Economist, Writer. Indigenous food and environmental management. Ted Talk 2018, 16 min
- The Game Changer Documentary on vegetarian athletes Netflix [2 min. Trailer]
- Richard Wilk 2018. GLOBAL JUNK: WHO IS TO BLAME FOR THE OBESITY EPIDEMIC? 4pp
- Gaitán-Cremaschi, D., L. Klerkx, J. Duncan, J. H. Trienekens, C. Huenchuleo, S. Dogliotti, M. E. Contesse, and W. A. H. Rossing. 2018. Characterizing diversity of food systems in view of sustainability transitions. A review. *Agronomy for Sustainable Development* 39:1.
- No soil, no growing seasons. Just add water and technology. NYT 2021.
- Tomaso Ferrando, Priscilla Claeys, Dagmar Diesner, Jose Luis Vivero-Poll and Deirdre Woods. Commons and Commoning for a Just Agroecological Transition: The importance of de-colonising and de-commodifying our food systems.
- Atun Kuljay, Jean-Marc Louvin, Molly Anderson, Naseegh Jafer, Tomaso Ferrando. 2021. From Food as Commodity to Food as Liberation. *Society for International Development.*
- Agroecology for sustainable food systems, IFAD.
- Joshua Sbicca. 2012. Eco-queer movement(s) Challenging heteronormative space through (re)imagining nature and food, *European Journal of Ecopsychology* 15pp
- Roberta Hawkins. 2012. Shopping to Save Lives: Gender and Environment Theories Meet Ethical Consumption. *Geoforum,* 9pp
- Aaron Brough et al. 2016. Is Eco-Friendly Unmanly? The Green-Feminine Stereotype and its Effect on Sustainable Consumption. *Journal of Consumer Research.* 14pp
- Kevin Nguyen. 2022. Future Food Tech: How Modern Science Is Changing the Way We Eat. *Medium.*
- Andrea. 2015. Eating disorders are a political issue: Bulimia nervosa and advanced capitalism *Science of Eating Disorders,* review
- Julie Guthman. 2006. Embodying neoliberalism: economy, culture, and the politics of fat. *Environment and Planning,* 18pp
- Devin Gordon. 2019. I tried to live like Joe Rogan *The Atlantic.*
- Lola Olivera, 2020. Marketing Masculinity: The Meat of the Matter. *Sentient Media*
- Erin Blakemore. 2018. People think beef is manly, and that’s a big problem. We can’t lower our meat consumption without rethinking masculinity. 2019. *Popular Science* Brief
- Why Are Black And Latino Kids More Likely To Die Of Certain Cancers? NPR News
- Around the Globe, Women Outlive Men. *Population Reference Bureau*
- Max Ehrenfreund. 2015. The stunning — and expanding — gap in life expectancy between the rich and the poor. *The Washington Post.*
- Pirie, I. (2011). The Political Economy of Bulimia Nervosa. *New Political Economy,* 16 (3), 323-346 DOI: [10.1080/13563467.2011.519020](https://doi.org/10.1080/13563467.2011.519020)
- Miguel A. Altieri and Victor Manuel Toledo. 2011. The agroecological revolution in Latin America: rescuing nature, ensuring food sovereignty and empowering peasants. *The Journal of Peasant Studies.* 21pp
- Boelie Elzen et. al. eds. 2017. AgroEcological Transitions: Changes and Breakthroughs in the Making. Wageningen University & Research.

15. Presentation of projects

- Christiana Figueres. [The Case for Stubborn Optimism on the Climate](#). *TED talk* 8 min.
- Jim Robbins. 2020. [Ecopsychology: How Immersion in Nature Benefits Your Health](#). Yale Environment.
- Stuart, D. et al. 2024. [A Climate Agenda for System Change: From Theory to Social Transformation](#). Mayfly.
- The Care Collective. 2020. [The Care Manifesto: The Politics of Interdependence](#).

16. Transformational pathways forward for course participants: learning, acting, forging futures

- Cox, L. et al., eds. [Handbook of Research Methods and Applications for Social Movements](#). ElgarOnline.
- Fraidenberg, M. 2022 *Intelligent Courage: Natural Resources Careers that Make a Difference*. Haymarket Books, Olympia, WA
- Shirley Walters et al. eds. 2023. Special Issue on [Climate Justice Education](#). *PIMA Bulletin*.
- Resurrección, B. and R. Elmhirst. 2021. [Negotiating Gender Expertise in Environment and Development](#). Routledge.
- [Worldwide Climate and Justice Education Week](#), (April 1-8 2024). Watch our 3 minute video [Worldwide Climate and Justice Education Week 2024](#)