

PPGAS- Museu Nacional

Economias do aquecimento global e a produção das vidas em meio às mudanças climáticas

Professores: Federico Neiburg, Camila Pierobon (Pós-doc PIPD) e Barbara Moraes (doutoranda PPGAS)

Terças-feiras 13:30h - 16:30h
Sala 09, Biblioteca Central, Horto Botânico.

Ementa: O curso busca investigar as complexas interações entre economia, política, cultura e meio ambiente no contexto das mudanças climáticas, com um enfoque especial na perspectiva antropológica e no uso de métodos etnográficos. A partir de uma abordagem interdisciplinar, que integra debates das ciências sociais, da história e das humanidades, dos estudos ambientais e da ciência e da tecnologia, buscamos elementos que nos permitam compreender como o aquecimento global redefine as dinâmicas sociais, econômicas e políticas em escalas local e global, com ênfase na (re)produção da vida em um cenário de transformações climáticas aceleradas. O curso explora as interações entre formas especializadas de conceituar (e de calcular) mudanças climáticas (por climatólogos, economistas, operadores de mercados financeiros e digitais, entre outros) e as maneiras de experienciar as mudanças climáticas pelas pessoas no cotidiano das suas vidas. Ao longo do semestre, serão explorados temas como capitalismo e colonialismo, combustíveis fósseis e mercados de carbono, águas, fogo e calor, como também formas de mensurar mudanças climáticas e os seus efeitos. A nossa atenção estará especialmente voltada para a construção de uma agenda de pesquisas etnográficas que contribua para a compreensão de como esses fenômenos passam a ser incorporados à vida cotidiana de pessoas e coletivos, às políticas públicas e às dinâmicas econômicas em escalas diferentes.

Observação: o programa é ainda provisório, sessões precisam de ajustes entre leituras obrigatórias e complementares também, na carga total de leituras.

Sessão 1 - Apresentação do curso

Sessão 2 - Capitalismo

Marx, Karl. 1867 [2017]. "A assim chamada acumulação primitiva", *O Capital*, Vol 1. cap. XXIV. São Paulo: Boitempo, pp. 959-1114.

Fraser, Nancy. 2024. *Capitalismo canibal: Como nosso sistema está devorando a democracia, o cuidado e o planeta e o que podemos fazer a respeito disso*. São Paulo: Autonomia literária. Prefácio, Cap. 1 (Onívoro: por que precisamos ampliar a nossa concepção do capitalismo) e Cap. 4. (Natureza no bucho: por que a ecolítica deve ser transambiental e anticapitalista).

Bibliografia Complementar:

Polany, Karl. 1944. [2000]. *The Great Transformation. The Political and Economic Origins of Our Time*. Rio de Janeiro: Campus. Capítulo 6: O mercado autorregulável e as mercadorias fictícias: trabalho, terra, dinheiro (pp. 89-98) e Cap 15: Mercado e Natureza (pp. 214 -227)

Braudel, Ferdinand. 1979 [1997]. *Civilização material; Economia e Capitalismo - Séculos XV-XVIII*. Vo I: As estruturas do cotidiano, Cap 2: “O pão de cada dia”. São Paulo, Martins Fontes.

Mintz, Sidney. 1991 [2010]. “Produção tropical e consumo de massa: um comentário histórico”. In: *O poder amargo do açúcar. produtores escravizados, consumidores proletarizados*. Recife Editora Universitária UFPE. pp. 38-49.

Moore, Jason. 2015. *Capitalism in the Web of Life. Ecology and the Accumulation of Capital*. London: Verso.

Sessão 3 - Ecologias decoloniais, o barateamento do mundo e das vidas

Ferdinand, Malcom. 2022. *Ecologia decolonial: pensar a partir do mundo caribenho*. São Paulo: Ubu. Prefácio (Angela Davis) e Parte I: A tempestade moderna, pp. 9-95.

Patel, Raj e Moore, Jason. 2018. *A História do Mundo em Sete Coisas Baratas*. São Paulo: Presença. [A *History of the World in Seven Cheap Things: A Guide to Capitalism, Nature, and the Future of the Planet*. California University Press, 2017]. Introduction (pp. 14-54) , Cap 1: Cheap nature (pp. 55-72); Cap 5: Cheap food (pp. 145-167); 3 Cap 6: Cheap energy (pp. 168-186)..

Bibliografia Complementar:

Taddei, Renzo; Shiratori, Karen; Bulamah, Rodrigo C. 2022. “Decolonizing the Anthropocene”. In: Callan, Hilary; Coleman, Simon (Org.). *The International Encyclopedia of Anthropology*. Londres: Wiley, v. 1, p. 1-12. DOI: <https://doi.org/10.1002/9781118924396.wbiea2519>.

Callison, 2020. “The Twelve-Year Warning”. *Isis*, 111:1, 129-137
<https://www.journals.uchicago.edu/doi/full/10.1086/707823>

Chua, Liana; Fair, Hannah. 2019. "Anthropocene". *The Cambridge Encyclopedia of Anthropology*. DOI: <http://doi.org/10.29164/19anthro>.

Haraway, D. J. 2015. “Anthropocene, Capitalocene, Plantationocene, Chthulucene: Making Kin”. *Environmental Humanities*, 6, 159–165.

Latour, Bruno, Stengers, I., Tsing, A. L., & Bubandt, N. 2018. ”Anthropologists Are Talking – About Capitalism, Ecology, and Apocalypse”. *Ethnos*, 83(3), 587–606.

Sessão 4: Calculabilidade

Callon, Michel, & Muniesa, Fabian. 2005. “Peripheral Vision: Economic Markets as Calculative Collective Devices”. *Organization Studies*, 26 (8) : 1229-1250.
<https://doi.org/10.1177/0170840605056393>

Callon, Michel & Latour, Bruno. 2001. “‘Tu ne calculeras pas!’ ou comment symétriser le don et le capital”. *Le capitalisme aujourd’hui*. A. Caillé (ed). Paris: La Découverte (MAUSS n°9).

Daston, Lorraine. 2024. Yale Lecture: “The Masters of Disasters: Legal Liability and Insurance Coverage in the Age of Climate Change”. 17/06/2024.
<https://www.youtube.com/watch?v=K9IthYhXgkE>

Bibliografia Complementar:

Fourcade, Marion and Kieran Healy. 2024. *The Ordinal Society*. Harvard University Press.

Sessão 5 - Intangibilidade

Chiapello, Eve, & Engels, A. 2021. “The fabrication of environmental intangibles as a questionable response to environmental problems”. *Journal of Cultural Economy*, 14(5), 517–532. <https://doi.org/10.1080/17530350.2021.1927149>,

Barral, S. 2020. “Conservation, finance, bureaucrats: managing time and space in the production of environmental intangibles”. *Journal of Cultural Economy*, 14(5), 549–563.
<https://doi.org/10.1080/17530350.2020.1846593>

Sessão 6 - Financiabilidade

Levidow, Les. 2020. “Turning Nature into an Asset: Corporate Strategies for Rent-Seeking”. pp. 1-44 e 173-260. In: Muniesa, Fabian; Birch, Kean. 2020. *Assetization: Turning things into Assets in Technoscientific Capitalism*. Cambridge: The MIT Press.

Aitken, Rob. 2022. “Mediating and mapping climate risk: micro-insurance and earth observation”. *Journal of Cultural Economy*, 15(4), 468–487.
<https://doi.org/10.1080/17530350.2022.2098165>

Bibliografia Complementar:

Ballesterio, Andrea, Andrea Muehlebach & Gloria Pérez-Rivera. 2023. “What is a financial frontier?”, *Journal of Cultural Economy*, DOI: 10.1080/17530350.2023.2176345

Sessão 7 - Economização

Livingston, Julie. 2019. *Self devouring growth: A Planetary Parable as Told From Southern Africa*. Durham: Duke University Press. Introdução e Capítulo 2.

Kristin Asdal and Tone Huse. 2023. *Nature-Made Economy Cod, Capital, and the Great Economization of the Ocean*. Boston: MIT Press. Introdução e Capítulo 3. <https://direct.mit.edu/books/oa-monograph/5671/Nature-Made-EconomyCod-Capital-and-the-Great>

Bibliografia Complementar:

Nahm, Jonas. 2022. “Green Growth Models.” In *Diminishing Returns: The New Politics of Growth and Stagnation*, edited by Lucio Baccaro, Mark Blyth, and Jonas Pontusson, 443–63. Oxford: Oxford University Press.

Vaughn, Sarah E; Guarasci, Bridget; Moore, Amelia. 2021. “Intersectional ecologies: reimagining anthropology and environment” *Annual Review of Anthropology*, 50:1: 275- 290. <https://www.annualreviews.org/content/journals/10.1146/annurev-anthro-101819-110241>

Sessão 8 - Outras fronteiras

Elliott, Rebecca. 2021. *Underwater: Loss, Flood Insurance, and the Moral Economy of Climate Change in the United States*. New York: Columbia University Press. (Capítulos a definir)

Bradley, H. and Stein, S. 2022. “Climate opportunism and values of change on the Arctic agricultural frontier”. *Economic Anthropology*, 9: 207-222. <https://doi.org/10.1002/sea2.12251>

Sessões 9 e 10 - Combustíveis fósseis - visões panorâmicas

Boyer, Dominic. 2023. *No More Fossils*. University of Minnesota Press. (Cap. 1: Living with Fossils e Cap. 2: Sucro, Carbo, Petro, or What Made This World That Needs to Be Remade”) Tradução em português: <https://manifold.umn.edu/projects/no-more-fossils>

Bond, David. 2022. *Negative Ecologies: Fossil Fuels and the Discovery of the Environment* Los Angeles: University of California Press. (Capítulos a definir)

Mitchell, Timothy. 2011. *Carbon Democracy: Political Power in the Age of Oil*. Harvard University Press. (Capítulos a definir)

Appel, Hanna. 2019. *The Licit Life of Capitalism*. Duke University Press. (Capítulos a definir)

Bibliografia Complementar:

Appel, Hannah; Mason, Arthur & Watts, Michael. (Ed.). 2015. *Subterranean Estates: Life Worlds of Oil and Gas*. Cornell University Press.

Sessões 11 e 12 - Carbono - visões etnográficas

Dalsgaard, Steffen. 2013. "The commensurability of carbon: Making value and money of climate change". *Hau: Journal of Ethnographic Theory* 3 (1): 80–98.

Dalsgaard Steffen. 2022. "Tales of carbon offsets: Between experiments and indulgences?" *Journal of Cultural Economy* 15(1): 52–66.

Whittington, J. 2016. "Carbon as a Metric of the Human". *PoLAR*, 39: 46-63.
<https://doi.org/10.1111/plar.12130>

Greenleaf, Maron. 2021. "Beneficiaries of Forest Carbon: Precarious Inclusion in the Brazilian Amazon". *American Anthropologist*, 123 (2): 305-317.
<https://doi.org/10.1111/aman.13543>

Whittington, J. 2020. Earth's Data: Climate Change, Thai Carbon Markets, and the Planetary Atmosphere. *American Anthropologist* 122: 814-826.

Peebles, Gustav and Ben Luzzatto. 2019. "More Precious Than Gold. How a Carbon-based Cryptocurrency Might Save Our Planet". *Public Seminar*
<https://publicseminar.org/essays/more-precious-than-gold/>

Santos da Costa, P., & Dalsgaard, S. 2024. "Salvage technoscience: Conserving and extracting the value of the Amazon Rainforest". *Environment and Planning F*, 0(0).

Menezes, Thereza Cristina Cardoso. 2024. "Latifúndios de carbono e moedas virtuais para proteger a Amazônia: a corrida por terras e financeirização da natureza". *Estudos Sociedade e Agricultura* 32(2). https://revistaesa.com/ojs/index.php/esa/article/view/esa32-2_st09/e2432213pdf

Sessão 13 - Água

Gunel, Gökçe. 2016. "The infinity of water: climate change adaptation in the Arabian peninsula". *Public Culture*. 28: 291–315. Disponível em: <https://doi.org/10.1215/08992363-3427463>

Bessire, Lucas. 2022. "Aquifer Aporias: Towards a Comparative Anthropology of Groundwater Depletion," *Current Anthropology* 63 (3): 350-359

Ballester, Andrea. 2019. *A Future History of Water*. Duke University Press. Capítulo 1.

von Schnitzler, A. 2008. "Citizenship Prepaid: Water, Calculability, and Techno-Politics in South Africa". *Journal of Southern African Studies*, 34(4), 899–917.
<https://doi.org/10.1080/03057070802456821>

Bibliografia complementar:

Lazrus, Heather. 2012. "Sea Change: Island Communities and Climate Change". *Annual Review of Anthropology*, 41: 285-301. <https://doi.org/10.1146/annurev-anthro-092611-145730>.

Dean, Erin. 2023. “The ‘Department of Human Needs’: Renewable Energy and the Water–Energy–Land Nexus in Zanzibar.” *Economic Anthropology* 10(2): 246–255. <https://doi.org/10.1002/sea2.12281>

Bessire, Lucas. 2022. *Running Out: In Search of Water on the High Plains*. Princeton. Princeton University Press.

Sessão 14 - Eletricidade

Özden-Schilling, Canay. 2021. *The current economy: Electricity markets and techno-economics*. Stanford, CA: Stanford University Press. (Capítulos a definir)

Bibliografia complementar:

Phillips, Kristin D. 2023. “Southern Politics, Southern Power Prices: Race, Utility Regulation, and the Value of Energy.” *Economic Anthropology* 10(2): 197–212. <https://doi.org/10.1002/sea2.12279>

Sessão 15 - Fogo

Petryna, Adriana. 2022. *Horizon Work: At the Edges of Knowledge in an Age of Runaway Climate Change*. Princeton: Princeton University Press (Capítulos a definir).

Bibliografia complementar:

Fagundes, Guilherme Moura. 2019. “Normatividades do fogo: conservação ambiental e formas de vida quilombola na savana brasileira”. *Vibrant* 16. <https://www.scielo.br/j/vb/a/cZfhZTD5sryfvBFYTLrwwFx/?format=pdf&lang=en>

Leituras complementares gerais

Almeida, Alfredo Wagner B. 2016. “A reconfiguração das agroestratégias: novo capítulo na guerra ecológica”. In Sauer, Sérgio e Almeida, Wellington (orgs) *Terras e territórios na Amazônia: demandas, desafios e perspectivas*. Editora da Unb/Abaré.

Appel, Hannah. 2017. “Toward an Ethnography of the National Economy.” *Cultural Anthropology* 32 (2): 294–322. <https://doi.org/10.14506/ca32.2.09>.

Barnes, Jessica; Dove, Michael; Lahsen, Myanna et al. 2013. “Contribution of anthropology to the study of climate change”. *Nature Climate Change* 3: 541–544. DOI: <https://doi.org/10.1038/nclimate1775>.

- Bear, Laura. 2020. "Speculation: a political economy of technologies of imagination". *Economy and Society*, 49 (1): 1–15. doi:10.1080/03085147.2020.1715604
- Birch, Kean. 2020. "Technoscience Rent: Toward a Theory of Rentiership for Technoscientific Capitalism". *Science, Technology, and Human Values* 45 (1):3-33.
- Blanchette, Alex. 2018. "Industrial meat production". *Annual Review of Anthropology*, v. 47, p. 185-199.
- Castree, Noel. 2008. "Neoliberalising nature: processes, effects, and evaluations". *Environment and Planning A*, vol. 40 (1): 153-173.
- Chao, Sophie; Hetherington, Kregg. 2024 "Storying Monocrop Infrastructure: A Conversation on Governance, Scale, and Failure". In : *Engaging Science, Technology, and Society*, 10 (1–2): 69–87. DOI: 10.17351/ests2024.2987.
- Chao, Sophie. 2021. "Gastrocolonialism: the intersections of race, food, and development in West Papua", *The International Journal of Human Rights*, DOI:10.1080/13642987.2021.1968378
- Crate, S. 2017. 'Storying climate change', *Anthropology News* 58: e64–e69.
- Dalsgaard, Steffen. 2016. "Carbon Valuation: Alternatives, Alternations and Lateral Measures?". *Valuation Studies* 4 (1):67-91. <https://doi.org/10.3384/VS.2001-5992.164167>.
- Das, Veena. 2022. *Slums Acts*. New York: polity Press.
- Destreé, Pauline. 2023. "'We work for the Devil': Oil extraction, kinship and the fantasy of time on the offshore frontier." *Critique of Anthropology* , vol. 43 , no. 1 , pp. 24–43.
- Doganova, L. 2018a. Discounting and the Making of the Future: On Uncertainty in Forest Management and Drug Development. In *Uncertain Futures: Imaginaries, Narratives and Calculation in the Economy*, edited by J. Beckert and R. Bronk, 278–297. Oxford: Oxford University Press.
- "Ecologizing Economic Sociology". Special Issue *Economic Sociology. Perspectives and Conversations*, 2024, 26 (1). <https://econsoc.mpifg.de/49797/26-1>
- Engels, Anita, and Chen Wang. 2018. "The Value of a Valuation Perspective for Theorizing about Social Change and Climate Change: A Study on Carbon Pricing in China". *Valuation Studies* 5 (2):93-130. <https://doi.org/10.3384/VS.2001-5992.185293>.
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- Field, Sean. 2023. "Value as Ethics: Climate Change, Crisis, and the Struggle for the Future." *Economic Anthropology* 10(2): 177–185. <https://doi.org/10.1002/sea2.12286>
- Georgina, Endfield. 2021. "Future Weather: Imagining and Articulating Uncertainty". In: *Futures*, Sandra Kemp and Jenny Andersson (ed). Oxford University Press. pp 243-261.

- Goldstein, Jesse. 2018. *Planetary improvement: Cleantech entrepreneurship and the contradictions of green capitalism*. The MIT Press.
- Gosh, Amitav. 2017. *The Great Derangement. Climate Change and the Unthinkable*. University of Chicago Press.
- Greenleaf, Maron. 2020. "The value of the untenured forest: land rights, green labor, and forest carbon in the Brazilian Amazon." *The Journal of Peasant Studies* 47: 286 - 305.
- Hetherington, Kregg. *The government of beans : regulating life in the age of monocrops / Kregg Hetherington*. Durham : Duke University Press, 2020. (há tradução em espanhol)
- Jackson, James. 2024. "The Climate-Changing Context of Inflation: Fossilflation, Climateflation, and the Environmental Politics of Green Central Banks". *Global Environmental Politics*, 24 (4): 1–9. doi: https://doi.org/10.1162/glep_a_00762
- Khan, Naveeda. 2023. *River Life and the Upspring of Nature*. Durham: Duke University Press.
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- Latour, B. 2017. *Down to earth: politics in the new climatic regime*. Cambridge: Polity.
- Machaqueiro, R. 2017. "The semiotics of carbon: Atmospheric space, fungibility, and the production of scarcity". *Economic Anthropology*, 4: 82-93. <https://doi.org/10.1002/sea2.12074>
- McElwee, P. 2021. "Anthropological engagements with integrated assessment modeling". *Economic Anthropology*, 8: 168-171. In: Symposium "What does economic anthropology contribute to the understanding of climate change?" <https://doi.org/10.1002/sea2.12196>
- Moore, Sophie Sapp; Allewarert, Monique; Gómez, Pablo; Mitman, Gregg. 2021." Plantation Legacies". Edge Effects - Center for Culture, History, and Environment in the Institute at the University of Wisconsin-Madison. <https://edgeeffects.net/plantation-legacies-plantationocene/>
- O'Reilly, Jessica, Cindy Isenhour, Pamela McElwee and Ben Orlove. 2020. "Climate Change: Expanding Anthropological Possibilities: . *Annual Review of Anthropology*, Vol. 49: 13-29 DOI: <https://doi.org/10.1146/annurev-anthro-010220-043113>
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- Pineault, Éric. 2022. *A Social Ecology of Capital*. London: Pluto Press.

Povinelli, Elizabeth. 2016. *Geontologies: A Requiem to Late Liberalism*. Duke University Press.

Rehman, N., Parikh, A., Lamb, Z., Syal, S., Ghertner, D.A., Menon, S., Anwar, N., Nabi, H., Butt, W., Ranganathan, M., Srinivasan, K., Bhat, H., Powis, A. and Anand, N. 2023. "South Asian Urban Climates: Towards Pluralistic Narratives and Expanded Lexicons". *International Journal of Urban and Regional Research*, 47: 667-687. <https://doi.org/10.1111/1468-2427.13173>

Shaozeng Zhang, and Leonardo Ribeiro da Silva. 2023. "Participatory design of a smart forest in the Brazilian Amazon using smartphones, algorithms, and ethnographic methods". *Annals of Anthropological Practice* 47: 116–131. <https://doi.org/10.1111/napa.12201>

Schnegg, Michael. 2023. "There was no future in the past. Time and the environment in rural Namibia". *Hau: Journal of Ethnographic Theory* 13 (1): 146–158.

Scoones, Ian. 2024. *Navigating Uncertainty: Radical Rethinking for a Turbulent World*. Cambridge: Polity.

Stensrud, Astrid B. and Thomas Hylland Eriksen (eds). *Climate, Capitalism and Communities: An Anthropology of Environmental Overheating*. Pluto Press, 2019

Taddei, Renzo. 2024. "Mudanças climáticas, mudanças antropológicas". *Anuário Antropológico*[Online], v. 49, n. 3. DOI: <https://doi.org/10.4000/12yx0>

Tsing, Anna. 2013. "Sorting out commodities: How capitalist value is made through gifts". *Hau. Journal of Ethnographic Theory*, 3 (1): 21-43. Special Issue: Value as theory (Part I).

Tsing, Anna. 2004. *Friction: An Ethnography of Global Connection*. Princeton. Princeton University Press.

Vaughn, Sarah E. & Daniel Fisher. 2021. "Witnessing environments". *Hau: Journal of Ethnographic Theory*, 11:2, 387-394. <https://doi.org/10.1086/716548>

Wouter Botzen, W. J., Olivier Deschenes, and Mark Sanders. 2019. "The Economic Impacts of Natural Disasters: A Review of Models and Empirical Studies". *Review of Environmental Economics and Policy*, 13 (2): 167-188.