

Department of Geography & Environment

GY121: Sustainable Development

Winter Term 2024

WT Lecturers: Dr Julia Corwin (j.e.corwin@lse.ac.uk) (course manager)
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****All office hours posted on Student Hub****

WT course structure:

- **Lectures** on Tuesdays 12-1:30pm (CKK.LG.01)
- **Classes** weekly, starting in week 1

WT course assessments:
Formative: In class debates in different weeks and a final reflection
Summative: Final project: sustainable development programme/project research paper (40%) Participation (10%)

WT summary lecture guide

Week 1	Intro to WT: reviewing different approaches to sustainable development (JC)
Week 2	Measuring and reducing inequality, part 1 (JP)
Week 3	Measuring and reducing inequality, part 2 (TM)
Week 4	Measuring and valuing nature, part 1 (JP)
Week 5	Measuring and valuing nature, part 2 (MD)
Week 6	<i>Reading week</i>
Week 7	Ecological modernization and technology (MD)
Week 8	Re-envisioning the economy (JC)
Week 9	Community engaged sustainable development 1: indigenous conservation (AS)
Week 10	Community engaged sustainable development 2: urban sustainability (JC/MD)
Week 11	Final project workshop

Week One	Intro to WT: reviewing different approaches to sustainable development (JC) <u>Required reading:</u> - Bina, O. (2013). The Green Economy and Sustainable Development: An Uneasy Balance? <i>Environment and Planning C: Government and Policy</i> 31(6): 1023–1047. - Agyeman, Bullard, and Evans. (2002). Exploring the Nexus: Bringing Together Sustainability, Environmental Justice and Equity. <i>Space and Polity</i> 6 (1): 77–90.
Week Two	Measuring and reducing inequality, part 1 (JP) <u>Required readings:</u> - Dabla-Norris, M. E., Kochhar, M. K., Suphaphiphat, M. N., Ricka, M. F., & Tsounta, M. E. (2015). <i>Causes and consequences of income inequality: A global perspective</i>. International Monetary Fund. - Gibson, M., Sautmann, A., Feeney, L., & Walsh, C. (2017). Introduction to randomized evaluations. <i>Abdul Latif Jameel Poverty Action Lab</i>. <u>Background and additional readings:</u> - Duflo, E., Glennerster, R., & Kremer, M. (2007). Using randomization in development economics research: A toolkit. <i>Handbook of development economics</i>, 4, 3895-3962.
Week Three	Measuring and reducing inequality, part 2 (TM) <u>Required readings:</u> - Taylor, Marcus. (2018) Climate-smart agriculture: what is it good for?, <i>The Journal of Peasant Studies</i>, 45:1, 89-107. - Patel, Raj. (2021) Agroecology is the solution to world hunger, <i>The Scientific American</i>, Sept 22. <u>Background and additional readings:</u> - Montenegro de Wit, M. (2021) What grows from a pandemic? Toward an abolitionist agroecology, <i>The Journal of Peasant Studies</i>, 48:1, 99-136 - Tyagi, B. B., & Kumar, R. (2020). The Future of Farming: To What End and For What Purpose? <i>Science, Technology and Society</i>, 25(2), 256-272
Week Four	Measuring and valuing nature, part 1 (JP) <u>Required readings:</u> - Adams, B. (2008). Chapter 6 – “Delivering mainstream sustainable development”. <i>Green Development: Environment and Sustainability in a Developing World</i>. Routledge. - Alix-Garcia, J., & Wolff, H. (2014). Payment for ecosystem services from forests. <i>Annual Review of Resource Economics</i>, 6(1), 361-380. <u>Background and additional readings:</u> - Atkinson et al. (2014). Chapter IV – “Economic growth and the environment”. <i>Handbook of Sustainable Development</i>. Edward Elgar, Cheltenham - Jack, B. K., Jayachandran, S., Kala, N., & Pande, R. (2022). <i>Money (Not) to Burn: Payments for Ecosystem Services to Reduce Crop Residue Burning</i> (No. w30690). National Bureau of Economic Research.

	Jayachandran, S., De Laat, J., Lambin, E. F., Stanton, C. Y., Audy, R., & Thomas, N. E. (2017). Cash for carbon: A randomized trial of payments for ecosystem services to reduce deforestation. <i>Science</i>, 357(6348), 267-273.
Week Five	Measuring and valuing nature, part 2 (MD) <u>Required readings:</u> - Jacobs, S., Zafra-Calvo, N., Gonzalez-Jimenez, D., Guibrunet, L., Benessaiah, K., Berghöfer, A., ... & Balvanera, P. (2020). Use your power for good: plural valuation of nature—the Oaxaca statement. <i>Global Sustainability</i>, 3, 8 - Muniz, R., & Cruz, M. J. (2015). Making nature valuable, not profitable: are payments for ecosystem services suitable for degrowth?. <i>Sustainability</i>, 7(8), 10895-10921. - Urzedo, D., & Robinson, C. J. (2023). Decolonizing ecosystem valuation to sustain Indigenous worldviews. <i>Environmental Science & Policy</i>, 150, 1-11. <u>Background and additional readings:</u> - Robertson, Morgan M. 2006. "The Nature That Capital Can See: Science, State, and Market in the Commodification of Ecosystem Services." <i>Environment and Planning D: Society and Space</i> 24 (3): 367–87. - Robertson, Morgan, and Joel Wainwright. 2013. "The Value of Nature to the State." <i>Annals of the Association of American Geographers</i> 103 (4): 890–905.
Week Six	Reading week: no lecture or class sessions
Week Seven	Ecological modernization and technology (MD) <u>Required readings:</u> - Rodgers, D., & O'Neill, B. (2012). Infrastructural violence: Introduction to the special issue. <i>Ethnography</i>, 13(4), 401-412. - Alkhalili, N., Dajani, M., & Mahmoud, Y. (2023). The enduring coloniality of ecological modernization: Wind energy development in occupied Western Sahara and the occupied Syrian Golan Heights. <i>Political Geography</i>, 103, 1-8. - Underhill, V., Sabati, S., & Beckett, L. (2022). Against settler sustainability: California's groundwater as a vertical frontier. <i>Environment and Planning E: Nature and Space</i>. 1-20. https://doi.org/10.1177/25148486221110434 <u>Background and additional readings:</u> - Colven, E. 2017. Understanding the allure of big infrastructure: Jakarta's Great Garuda Sea Wall Project. <i>Water Alternatives</i> 10(2): 250-264 - Kimari, Wangui, and Henrik Ernstson. 2020. Imperial Remains and Imperial Invitations: Centering Race within the Contemporary Large-Scale Infrastructures of East Africa. <i>Antipode</i> 52 (3): 825–46.
Week Eight	Re-envisioning the economy (JC) <u>Required readings:</u> - Lawhon, M., & McCreary, T. (2023). <i>Enough! A Modest Political Ecology for an Uncertain Future</i>. - Introduction, pgs. 1-12 - Chapter 2: Neither more nor less: cultivating a modest political ecology, pgs. 41-61. - Interlude and Chapter 3: A modest economy, pgs. 63-90.

	<u>Background and additional readings:</u> • Goldstein, J. (2018). <i>Planetary Improvement: Cleantech Entrepreneurship and the Contradictions of Green Capitalism</i>, Chapter 1 (pgs. 17-36) and Chapter 6 (pgs. 143-158) • Kothari, A. Demaria, F. and Acosta, A. (2014). Buen Vivir, Degrowth and Ecological Swaraj: Alternatives to Development and the Green Economy. <i>Development</i>, 57(3-4): 362-75. • Lawhon, M., & McCreary, T. (2020). Beyond Jobs vs Environment: On the Potential of Universal Basic Income to Reconfigure Environmental Politics. <i>Antipode</i>, 1-23. • Robbins, P. (2020). Is less more ... or is more less? Scaling the political ecologies of the future. <i>Political Geography</i>. 76: 1-6 • Gibson-Graham, J. Katherine. 2008. Diverse Economies: Performative Practices for 'Other Worlds.' <i>Progress in Human Geography</i> 32 (5): 613-32. • Nirmal, P., and D. Rocheleau. 2019. "Decolonizing Degrowth in the Post-Development Convergence: Questions, Experiences, and Proposals from Two Indigenous Territories." <i>Environment and Planning E: Nature and Space</i> 2 (3): 465-92.
Week Nine	Community engaged sustainable development part 1: traditional and indigenous approaches (AS) <u>Required readings:</u> • Soares, B. E., Franco, A. C. S., Leal, J. S., Lima, R. G. D. S. F., Baker, K., & Griffiths, M. (2023). Decolonising ecological research: A generative discussion between Global North geographers and Global South field ecologists. <i>Area</i>, 55(4), 550-557. • Rubis, J. M. (2020) The orang utan is not an indigenous name: knowing and naming the maias as a decolonizing epistemology. <i>Cultural Studies</i> 34 (5), 811-830. <u>Background and additional readings:</u> • Hoover, E. 2017. "'You Can't Say You're Sovereign If You Can't Feed Yourself': Defining and Enacting Food Sovereignty in American Indian Community Gardening." <i>American Indian Culture and Research Journal</i> 41 (3): 31-70. • Torres, R.; Azócar, G.; Gallardo, R. and Mendoza, J. 2022. Water extractivism and decolonial struggles in Mapuche territory, Chile. <i>Water Alternatives</i> 15(1): 150-174. • Liu, F. H., Ganesan, V., & Smith, T. E. (2020). Contrasting communications of sustainability science in the media coverage of palm oil agriculture on tropical peatlands in Indonesia, Malaysia and Singapore. <i>Environmental Science & Policy</i>, 114, 162-169. • McKemey, M. B., Banbai Rangers, Ens, E. J., Hunter, J. T., Ridges, M., Costello, O., & Reid, N. C. (2021). Co-producing a fire and seasons calendar to support renewed Indigenous cultural fire management. <i>Austral Ecology</i>, 46(7), 1011-1029.
Week Ten	Community engaged sustainable development part 2: urban sustainability (JC/MD) <u>Required readings:</u>

	• Luke, Nikki, and Nik Heynen. 2020. "Community Solar as Energy Reparations: Abolishing Petro-Racial Capitalism in New Orleans." <i>American Quarterly</i> 72 (3): 603–25. • Zapata Campos, M. J., P. Zapata, and I. Ordoñez. 2020. Urban Commoning Practices in the Repair Movement: Frontstaging the Backstage. <i>Environment and Planning A: Economy and Space</i> 52 (6): 1150–70. <u>Additional readings:</u> • Appadurai, A. (2001). Deep democracy: urban governmentality and the horizon of politics. <i>Environment and Urbanization</i>, 13(2): 23–43 • Bledsoe, Adam, Tyler McCreary, and Willie Wright. 2022. "Theorizing Diverse Economies in the Context of Racial Capitalism." <i>Geoforum</i>, 132: 281–90. • Davis, J. <i>et al.</i> (2019) Anthropocene, Capitalocene, ... Plantationocene?: A Manifesto for Ecological Justice in an Age of Global Crises. <i>Geography Compass</i>, pp. 1–15. • Chatterton, P. 2016. Building Transitions to Post-Capitalist Urban Commons. <i>Transactions of the Institute of British Geographers</i> 41 (4): 403–15. • Safransky, S. 2017. Rethinking Land Struggle in the Postindustrial City. <i>Antipode</i> 49 (4): 1079–1100.
Week Eleven	<i>Final project workshop</i> • TBA

Subject to minor changes; changes will be updated on Moodle and announced in lecture