

# Economics Resource List

TROP ICSU  
Feb, 2023

# Lesson Plans

#	Lesson Plan Title	Disciplines	Key Topics	Link
1	Lesson Plan: Economic Policy for 'Green Recovery' from the Pandemic	Economics	Environmental Economics, Climate Change Economics, Economic Recovery, Carbon Emissions, Carbon Pricing, Carbon Taxes	<a href="https://tropicsu.org/the-covid-19-pandemic-economic-policy-for-green-recovery/">https://tropicsu.org/the-covid-19-pandemic-economic-policy-for-green-recovery/</a>
2	Lesson Plan: Teaching Opportunity Costs of Greenhouse Gas Emissions	Economics	Opportunity Costs, Market Failure	<a href="https://tropicsu.org/teaching-opportunity-costs-of-greenhouse-gasemissions/">https://tropicsu.org/teaching-opportunity-costs-of-greenhouse-gasemissions/</a>
3	Lesson Plan: Measuring Value of Abatement for Climate Policy	Economics	Economic Policy, Willingness to Cooperate	<a href="https://tropicsu.org/measuring-value-of-a-batement-for-climate-policy-2/">https://tropicsu.org/measuring-value-of-a-batement-for-climate-policy-2/</a>
4	Lesson Plan: Environmental Economics: Climate Change as Market Failure	Economics	Externalities, Market Failure, Carbon Pricing, Carbon Tax	<a href="https://tropicsu.org/environmental-economics-climate-change-as-market-failure/">https://tropicsu.org/environmental-economics-climate-change-as-market-failure/</a>
5	Lesson Plan: Environmental Economics: Cap-and-Trade	Economics	Economic Policy, Carbon Pricing, Carbon Tax	<a href="https://tropicsu.org/environmental-economics-cap-and-trade/">https://tropicsu.org/environmental-economics-cap-and-trade/</a>
6	Lesson Plan: Marxist Theories and Climate Change	Economics, Social Sciences	Capitalism, Marxism, Sociology, Political Science	<a href="https://tropicsu.org/marxist-theories-and-climate-change/">https://tropicsu.org/marxist-theories-and-climate-change/</a>
7	Lesson Plan: Teaching about the UN Sustainable Development Goals	Economics, Social Sciences	Climate Change Economics, Poverty, Gender, Inequality, Poverty	<a href="https://tropicsu.org/teaching-about-the-un-sustainable-development-goals-sdgs/">https://tropicsu.org/teaching-about-the-un-sustainable-development-goals-sdgs/</a>
8	Lesson Plan: Agrarian Civilizations: Agriculture in the Nile Basin	Economics	Food Security, Anthropology, Archaeology	<a href="https://tropicsu.org/agrarian-civilizations-agriculture-in-the-nile-basin/">https://tropicsu.org/agrarian-civilizations-agriculture-in-the-nile-basin/</a>

#	Lesson Plan Title	Disciplines	Key Topics	Link
9	Lesson Plan: Carbon Pricing: Shadow and Market Prices	Economics	Environmental Economics, Carbon Pricing, Carbon Tax	<a href="https://tropicsu.org/carbon-pricing-shadow-and-market-prices/">https://tropicsu.org/carbon-pricing-shadow-and-market-prices/</a>
10	Lesson Plan: Capitalism and Climate Change	Economics, Social Sciences	Sociology, Climate Change Economics, Capitalism, Economic Policy	<a href="https://tropicsu.org/capitalism-and-climate-change/">https://tropicsu.org/capitalism-and-climate-change/</a>
11	Lesson Plan: Poverty and Climate: An Inextricable Link	Economics, Social Sciences, Humanities	Economic Policy, Poverty, Sociology, Capitalism, Public Policy, Gender, Environmental Justice, Human Rights	<a href="https://tropicsu.org/poverty-and-climate-a-n-inextricable-link/">https://tropicsu.org/poverty-and-climate-a-n-inextricable-link/</a>
12	Lesson Plan: Teaching Cost-Benefit Analysis through Climate-related examples	Economics	Climate Change Economics, Tragedy of the Commons, Carbon Pricing, Cost-Benefit Analysis, Climate Mitigation and Adaptation	<a href="https://tropicsu.org/teaching-cost-benefit-analysis-through-climate-related-examples/">https://tropicsu.org/teaching-cost-benefit-analysis-through-climate-related-examples/</a>
13	Lesson Plan: Teaching the Tragedy of the Commons using Climate Change	Economics	Climate Change Economics, Tragedy of the Commons	<a href="https://tropicsu.org/teaching-the-tragedy-of-the-commons-using-climate-change/">https://tropicsu.org/teaching-the-tragedy-of-the-commons-using-climate-change/</a>

# Teaching Tools

#	Teaching Tool Title	Disciplines	Key Topics	Link
1	Video: Climate Change in the Economics Classroom	Economics	Climate Change Economics	<a href="https://tropicsu.org/climate-change-in-the-economics-classroom/">https://tropicsu.org/climate-change-in-the-economics-classroom/</a>
2	Video: Introduction to Climate Change Economics	Economics	Climate Change Economics	<a href="https://tropicsu.org/introduction-to-climate-change-economics/">https://tropicsu.org/introduction-to-climate-change-economics/</a>
3	Video: Economics of Climate Change with William Nordhaus, Nobel Laureate (2018)	Economics	Climate Change Economics, Economic Growth, Economic Policy, Economic Externalities, Carbon Tax, Cost Benefit Analysis	<a href="https://tropicsu.org/economics-of-climate-change-with-william-nordhaus-nobel-laureate-2018/">https://tropicsu.org/economics-of-climate-change-with-william-nordhaus-nobel-laureate-2018/</a>
4	Audio/Reading: Air Travel and Carbon Offset	Economics	Climate Change Economics, Carbon Emissions, Fossil Fuels, Pollution, Carbon Tax	<a href="https://tropicsu.org/air-travel-and-carbon-offset/">https://tropicsu.org/air-travel-and-carbon-offset/</a>
5	Teaching Module: Economic Trade-offs	Economics	Cost-Benefit Analysis, Opportunity Costs, Economic Policy	<a href="https://tropicsu.org/economic-trade-offs/">https://tropicsu.org/economic-trade-offs/</a>
6	Classroom/Laboratory Activity: Climate Change and Trade Policies	Economics	Climate Change Economics, Economic Policy, Microeconomics	<a href="https://tropicsu.org/climate-change-and-trade-policies/">https://tropicsu.org/climate-change-and-trade-policies/</a>
7	Reading: Economics and Global Climate Change	Economics	Climate Change Economics, Cost-Benefit Analysis, Economic Policies, Carbon Tax	<a href="https://tropicsu.org/economics-and-global-climate-change/">https://tropicsu.org/economics-and-global-climate-change/</a>
8	Audio: Climate Action and Capitalism	Economics	Climate Change Economics, Capitalism	<a href="https://tropicsu.org/climate-action-and-capitalism/">https://tropicsu.org/climate-action-and-capitalism/</a>

#	Teaching Tool Title	Disciplines	Key Topics	Link
9	Reading: Overview of the “Stern Review: The Economics of Climate Change”	Economics	Climate Change Economics, Stern Review	<a href="https://tropicsu.org/overview-of-the-stern-review-the-economics-of-climate-change/">https://tropicsu.org/overview-of-the-stern-review-the-economics-of-climate-change/</a>
10	Reading: The COVID-19 Pandemic, Recession and Economic Policies	Economics	COVID-19 Pandemic and the Economy, Economic Recovery, Economic Policy	<a href="https://tropicsu.org/the-covid-19-pandemic-recession-and-economic-policies/">https://tropicsu.org/the-covid-19-pandemic-recession-and-economic-policies/</a>
11	Classroom/Laboratory Activity: Carbon Pricing Dashboard of the World Bank	Economics	Carbon Pricing, Carbon Emissions, Cost-Benefit Analysis	<a href="https://tropicsu.org/carbon-pricing-dashboard-of-the-world-bank/">https://tropicsu.org/carbon-pricing-dashboard-of-the-world-bank/</a>
12	Teaching Module: Cost-Benefit Analysis for Carbon Emissions Abatement	Economics	Cost Benefit Analysis, Carbon Emissions	<a href="https://tropicsu.org/cost-benefit-analysis-for-carbon-emissions-abatement/">https://tropicsu.org/cost-benefit-analysis-for-carbon-emissions-abatement/</a>
13	Model/Simulator: Climate Change, the Economy, and Society	Economics	Climate Change Economics, Economic Policy	<a href="https://tropicsu.org/climate-change-the-economy-and-society/">https://tropicsu.org/climate-change-the-economy-and-society/</a>
14	Video: Naomi Klein discusses ‘This Changes Everything’	Economics, Social Sciences	Climate Change Economics, Capitalism, Economic Policy, Tragedy of Commons, Market Failure, Invisible Hand	<a href="https://tropicsu.org/naomi-klein-discusses-this-changes-everything/">https://tropicsu.org/naomi-klein-discusses-this-changes-everything/</a>
15	Audio: Economic solutions for Climate Change	Economics	Climate Change Economics, Carbon Emissions, Carbon Pricing, Energy Economics	<a href="https://tropicsu.org/economic-solutions-for-climate-change/">https://tropicsu.org/economic-solutions-for-climate-change/</a>
16	Video: Karl Marx and Climate Change	Economics, Social Sciences	Climate Change Economics, Marxism, Capitalism, Political Science	<a href="https://tropicsu.org/karl-marx-and-climate-change/">https://tropicsu.org/karl-marx-and-climate-change/</a>

#	Teaching Tool Title	Disciplines	Key Topics	Link
17	Reading: Climate Change- A Market Failure	Economics	Market Failure, Carbon Pricing, Carbon Tax	<a href="https://tropicsu.org/climate-change-a-market-failure/">https://tropicsu.org/climate-change-a-market-failure/</a>
18	Audio: Overview of Carbon Pricing	Economics	Carbon Pricing, Carbon Tax	<a href="https://tropicsu.org/overview-of-carbon-pricing/">https://tropicsu.org/overview-of-carbon-pricing/</a>
19	Classroom/Laboratory Activity: Climate Mitigation and Willingness to Pay	Economics	Climate Change Economics, Willingness to Pay	<a href="https://tropicsu.org/climate-mitigation-and-willingness-to-pay/">https://tropicsu.org/climate-mitigation-and-willingness-to-pay/</a>
20	Reading: Environmental Economics	Economics	Climate Change Economics, Economic Policies, Economic Growth	<a href="https://tropicsu.org/environmental-economics/">https://tropicsu.org/environmental-economics/</a>
21	Reading: Economic Externalities	Economics	Economic Externalities, Market Failure	<a href="https://tropicsu.org/economic-externalities-1/">https://tropicsu.org/economic-externalities-1/</a>
22	Reading: Pollution Permits and Opportunity Costs	Economics	Opportunity Costs, Willingness to Pay, Carbon Pricing, Carbon Tax, Energy Economics	<a href="https://tropicsu.org/pollution-permits-and-opportunity-costs/">https://tropicsu.org/pollution-permits-and-opportunity-costs/</a>
23	Reading: The Social Cost of Carbon	Economics	Carbon Pricing, Social Cost of Carbon, Economic Policy	<a href="https://tropicsu.org/social-cost-of-carbon-1/">https://tropicsu.org/social-cost-of-carbon-1/</a>
24	Video: COVID-19 and CO2 emissions	Environmental Science; Economics	COVID-19 Pandemic and the Economy, Carbon Emissions, Economic Recovery, Economic Policy	<a href="https://tropicsu.org/covid-19-and-co2-emissions/">https://tropicsu.org/covid-19-and-co2-emissions/</a>



#	Teaching Tool Title	Disciplines	Key Topics	Link
25	Reading: Economic Recovery post COVID-19	Economics	COVID-19 Pandemic and the Economy, Carbon Pricing, Economic Policy, Carbon Emissions	<a href="https://tropicsu.org/economic-recovery-post-covid-19/">https://tropicsu.org/economic-recovery-post-covid-19/</a>
26	Reading: Introduction to Carbon Pricing	Economics	Climate Change Economics, Environmental Economics, Carbon Pricing, Carbon Tax, Economic Growth	<a href="https://tropicsu.org/introduction-to-carbon-pricing/">https://tropicsu.org/introduction-to-carbon-pricing/</a>
27	Model/Simulator: The Economics of Oil	Economics, Environmental Science	Climate Change Economics, Energy Economics, Carbon Emissions, Hubbert's Peak	<a href="https://tropicsu.org/the-economics-of-oil/">https://tropicsu.org/the-economics-of-oil/</a>
28	Reading: Willingness to Cooperate and Climate Policy	Economics	Economic Policy, Tragedy of the Commons, Willingness to Cooperate	<a href="https://tropicsu.org/willingness-to-cooperate-and-climate-policy/">https://tropicsu.org/willingness-to-cooperate-and-climate-policy/</a>
29	Reading: Willingness to Pay for Climate Stability	Economics	Climate Change Economics, Capitalism, Cost Benefit Analysis, Tragedy of the Commons, Economic Policy, Willingness to Pay	<a href="https://tropicsu.org/willingness-to-pay-for-climate-stability/">https://tropicsu.org/willingness-to-pay-for-climate-stability/</a>
30	Reading: Marxism and Carbon Markets	Economics, Social Sciences	Economic Policy, Capitalism, Marxism	<a href="https://tropicsu.org/marxism-and-carbon-markets/">https://tropicsu.org/marxism-and-carbon-markets/</a>
31	Reading: Long-term Cost of Climate Change	Economics	Climate Change Economics, Carbon Pricing	<a href="https://tropicsu.org/long-term-cost-of-climate-change/">https://tropicsu.org/long-term-cost-of-climate-change/</a>

#	Teaching Tool Title	Disciplines	Key Topics	Link
32	Video: Global Warming- A Negative Externality	Economics	Economic Externalities, Carbon Pricing, Carbon Tax	<a href="https://tropicsu.org/global-warming-a-negative-externality/">https://tropicsu.org/global-warming-a-negative-externality/</a>
33	Reading: Post-pandemic Economic Policies	Economics	COVID-19 Pandemic and the Economy, Economic Recovery, Economic Policy	<a href="https://tropicsu.org/post-pandemic-economic-policies/">https://tropicsu.org/post-pandemic-economic-policies/</a>
34	Reading: Books on Climate Change Economics	Economics	Climate Change Economics	<a href="https://tropicsu.org/books-on-climate-change-economics/">https://tropicsu.org/books-on-climate-change-economics/</a>
35	Reading: The Stern Review on the Economics of Climate Change Part 1	Economics	Climate Change Economics, Stern Review, Microeconomics, Economic Policy	<a href="https://tropicsu.org/reading-the-stern-review-on-the-economics-of-climate-change-part-1/">https://tropicsu.org/reading-the-stern-review-on-the-economics-of-climate-change-part-1/</a>
36	Reading: The Stern Review on the Economics of Climate Change Part 2	Economics	Climate Change Economics, Stern Review, Microeconomics, Economic Policy	<a href="https://tropicsu.org/the-stern-review-on-the-economics-of-climate-change-part-2/">https://tropicsu.org/the-stern-review-on-the-economics-of-climate-change-part-2/</a>
37	Reading: The Stern Review on the Economics of Climate Change Part 3	Economics	Climate Change Economics, Stern Review, Microeconomics, Economic Policy	<a href="https://tropicsu.org/the-stern-review-on-the-economics-of-climate-change-part-3/">https://tropicsu.org/the-stern-review-on-the-economics-of-climate-change-part-3/</a>
38	Reading: Stern Review: The Economics of Climate Change Part 4	Economics	Climate Change Economics, Stern Review, Microeconomics, Economic Policy	<a href="https://tropicsu.org/stern-review-the-economics-of-climate-change-part-4/">https://tropicsu.org/stern-review-the-economics-of-climate-change-part-4/</a>
39	Reading: Stern Review: The Economics of Climate Change Part 5	Economics	Climate Change Economics, Stern Review, Microeconomics, Economic Policy	<a href="https://tropicsu.org/stern-review-the-economics-of-climate-change-part-5/">https://tropicsu.org/stern-review-the-economics-of-climate-change-part-5/</a>

#	Teaching Tool Title	Disciplines	Key Topics	Link
40	Reading: Stern Review: The Economics of Climate Change Part 6	Economics	Climate Change Economics, Stern Review, Microeconomics, Economic Policy	<a href="https://tropicsu.org/stern-review-the-economics-of-climate-change-part-6/">https://tropicsu.org/stern-review-the-economics-of-climate-change-part-6/</a>
41	Classroom/Laboratory Activity: The Global Climate Change Game	Economics	Climate Change Economics, Economic Policy, Carbon Tax, Economic Growth	<a href="https://tropicsu.org/the-global-climate-change-game/">https://tropicsu.org/the-global-climate-change-game/</a>
42	Reading: Capitalism and Global Warming	Economics	Capitalism, Carbon Emissions, Energy Economics	<a href="https://tropicsu.org/capitalism-and-global-warming/">https://tropicsu.org/capitalism-and-global-warming/</a>
43	Reading: Naomi Klein on Capitalism and Climate Change	Economics, Humanities, Social Sciences	Capitalism, Cultural Studies, Climate Change Economics, Economic Policy, Tragedy of Commons, Market Failure, Invisible Hand, Carbon Pricing	<a href="https://tropicsu.org/naomi-klein-on-capitalism-and-climate-change/">https://tropicsu.org/naomi-klein-on-capitalism-and-climate-change/</a>
44	Audio: Climate Change and Real Estate Pricing	Economics	Climate Change Economics, Real Estate, Carbon Pricing	<a href="https://tropicsu.org/climate-change-and-real-estate-pricing/">https://tropicsu.org/climate-change-and-real-estate-pricing/</a>
45	Reading: Climate-Informed Development to Mitigate Global Poverty	Economics, Social Sciences	Energy Economics, Economic Growth, Political Science, Sociology, Public Policy, Poverty	<a href="https://tropicsu.org/climate-informed-development-to-mitigate-global-poverty/">https://tropicsu.org/climate-informed-development-to-mitigate-global-poverty/</a>
46	Classroom/Laboratory Activity: Global Warming as a Tragedy of the Commons	Economics	Climate Change Economics, Tragedy of the Commons	<a href="https://tropicsu.org/global-warming-as-a-tragedy-of-the-commons/">https://tropicsu.org/global-warming-as-a-tragedy-of-the-commons/</a>
47	Model/Simulator: Predicting Future Carbon Emissions	Economics, Environmental Science	Climate Change Economics, Carbon Emissions	<a href="https://tropicsu.org/predicting-future-carbon-emissions/">https://tropicsu.org/predicting-future-carbon-emissions/</a>

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48	Climate Solutions for Buildings Sector	Environmental Sciences, Economics, Earth Sciences	Carbon Emissions, Urban Geography, Real Estate, Urban Planning, Buildings, Net Zero, Smart Homes, Urbanisation, Energy, Renewable Energy	<a href="https://tropicsu.org/climate-solutions-for-buildings-sector/">https://tropicsu.org/climate-solutions-for-buildings-sector/</a>
49	Consumption, Gender and Climate Change	Social Sciences, Economics	Gender, Gender Studies, Sociology, Capitalism	<a href="https://tropicsu.org/consumption-gender-and-climate-change/">https://tropicsu.org/consumption-gender-and-climate-change/</a>
50	Climate Solutions by Project Drawdown	Economics, Geography, Environmental Studies	Climate Change Economics, Carbon Emissions, Economic Policy, Energy, Agriculture, Gender, Urban Geography, Land Use	<a href="https://tropicsu.org/climate-solutions-by-project-drawdown/">https://tropicsu.org/climate-solutions-by-project-drawdown/</a>
51	Climate Solutions for Industry Sector	Environmental Sciences, Economics, Earth Science	Carbon Emissions, Adaptation and Mitigation, Climate Change Economics, Economic Growth, Economic Policy, Economic Recovery, Energy, Renewable Energy, Real Estate	<a href="https://tropicsu.org/climate-solutions-for-industry-sector/">https://tropicsu.org/climate-solutions-for-industry-sector/</a>
52	Climate Solutions for the Infrastructure Development Sector	Economics, Chemistry, Environmental Sciences	Carbon Emissions, Climate Change Economics, Greenhouse Gases, Molecular Structure of Compounds, Carbon Chemistry	<a href="https://tropicsu.org/climate-solutions-for-the-infrastructure-development-sector/">https://tropicsu.org/climate-solutions-for-the-infrastructure-development-sector/</a>
53	Climate Change, Capitalism, and Communism in Arctic Communities	Humanities, Social Sciences, Environmental Sciences, Economics	Climate Change Overview, Environmental Migration, Environmental Justice, Communism, Capitalism, History	<a href="https://tropicsu.org/climate-change-capitalism-and-communism-in-arctic-communities/">https://tropicsu.org/climate-change-capitalism-and-communism-in-arctic-communities/</a>
54	Climate Solutions for Buildings and Cities	Environmental Sciences, Economics	Carbon Emissions, Climate Change Economics, Economic Growth, Real Estate	<a href="https://tropicsu.org/climate-solutions-for-buildings-and-cities/">https://tropicsu.org/climate-solutions-for-buildings-and-cities/</a>

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55	Shadow Price and Social Cost of Carbon	Economics	Environmental Economics, Carbon Emissions, Carbon Pricing, Cost-Benefit Analysis	<a href="https://tropicsu.org/shadow-price-and-social-cost-of-carbon/">https://tropicsu.org/shadow-price-and-social-cost-of-carbon/</a>
56	Climate Adaptation and Mitigation	Earth Sciences, Economics, Environmental Sciences	Climate Change Overview, Earth's Climate, Climate Change Economics, Adaptation and Mitigation, Agriculture, Energy, Human Health, Human Migration	<a href="https://tropicsu.org/climate-adaptation-and-mitigation/">https://tropicsu.org/climate-adaptation-and-mitigation/</a>
57	Climate Solutions for Electricity Sector	Environmental Sciences, Economics, Earth Sciences	Carbon Emissions, Adaptation and Mitigation, Climate Change Economics, Economic Growth, Economic Policy, Economic Recovery, Energy, Renewable Energy, Real Estate	<a href="https://tropicsu.org/climate-solutions-for-electricity-sector/">https://tropicsu.org/climate-solutions-for-electricity-sector/</a>
58	Climate Solutions for the Energy Sector	Economics, Social Sciences, Environmental Sciences, Earth Sciences	Carbon Emissions, Climate Change Economics, Economic Growth, Economic Policy, Economic Recovery, Public Policy, Energy, Renewable Energy	<a href="https://tropicsu.org/climate-solutions-for-the-energy-sector/">https://tropicsu.org/climate-solutions-for-the-energy-sector/</a>
59	Climate Solutions for the future	Environmental Sciences, Economics, Chemistry, Biological Sciences	Climate Solutions, Carbon Emissions, Climate Change Economics, Food Security, Carbon Sequestration, Ecosystems, Conservation	<a href="https://tropicsu.org/climate-solutions-for-the-infrastructure-development-sector-2/">https://tropicsu.org/climate-solutions-for-the-infrastructure-development-sector-2/</a>