

24FSBO0093– Global Policy Analysis: Poverty, Development, Growth

Instructor

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Time and Location

Lecture: Tuesdays 16:15-18:00, RAI-H-041 & Zoom

Exercise sessions: Thursdays 12:15-13:45, HAH-E-11 & Zoom

We encourage in-person attendance, due to the interactive nature of the class, but for those who cannot be there in person, a Zoom link is also available.

Zoom link:

<https://uzh.zoom.us/j/62371575383?pwd=U3BoeHg4STFTU2dkeUU5NGhhalZGZz09>

Final Exam

Tuesday 18/06/2024, 16:15. Room KOL-F-101

Course Description

This course has two primary objectives: First, it provides students with a solid overview of what we know about key topics of global development, such as the trends in poverty around the world, inequality, access to education and healthcare, international migration, world hunger and population growth. Second, it equips students with tools to critically assess statistical claims and analysis about these issues of global development, by introducing commonly used empirical methods. In other words: how to spot when someone lies with data? Students will have some opportunities to try out these methods themselves in a hands-on way.

Grading

<i>Item</i>	<i>Points</i>
Problem sets (best 6 out of 7)	25%
Final exam	75%

Problem Sets

Problem sets will be due on **March 6th (PS1), March 13th (PS2), March 27th (PS3), April 17th (PS4), May 1st (PS5), May 15th (PS6), May 22nd (PS7)**. They need to be uploaded on OLAT drop box folder **by 11:59pm**. The content of the problem sets will be discussed in the exercise sessions. You can order Stata [in the following link](#). You can work in **groups (of up to 4 students)** but each student should submit the problem set **separately**. If you work in group, **you must mark the names of other group members on your problem set**.

The final exam will include questions concerning the required readings, the material in the slides, and the materials covered in problem sets.

Class Policies

Lectures will be hybrid, i.e., onsite, and live streamed via Zoom.

Onsite: Please be advised that the use of laptops, smartphones, etc. is not allowed during classes. Printouts of lecture slides will be distributed in class. Completed slides will be posted online the day after the lecture.

Zoom: Printouts of lecture slides will be uploaded before class and completed slides will be posted online the day after the lecture. It is mandatory that cameras be turned on during class sessions.

The exercise session recording will only be available on OLAT. The lecture will not be recorded.

Schedule and Topics (preliminary, subject to changes)

Week	Weekday	Date	Lectures
1	Tuesday	20/02	Course Introduction
2	Tuesday	27/02	Global Poverty I
3	Tuesday	05/03	Global Poverty II & Inequality I
4	Tuesday	12/03	Inequality II, Population Growth & Health I
5	Tuesday	19/03	Health II & Introduction to Randomized Controlled Trials (RCTs)
6	Tuesday	26/03	Introduction to Difference-in-Differences Analysis & Education I
7	Tuesday	09/04	Education II, Comparison of Impact Evaluation Methods & Insights From RCTs and Field Experiments
8	Tuesday	16/04	Corruption, Democracy, Institutions, and Regression Discontinuity Design (RDD)
9	Tuesday	23/04	Migration
10	Tuesday	30/04	Climate Change
11	Tuesday	07/05	Taxation
12	Tuesday	14/05	Colonialism, Power, and Political Economy of Development & Aid, Development and Cooperation I
13	Tuesday	21/05	Aid, Development and Cooperation II & Career Panel
14	Tuesday	28/05	Review Session

Reading List

In order to keep the course up-to-date, the reading list might be updated slightly throughout the semester based on the experience of the early classes and class interests. Changes to readings will come at the latest one week before the lecture they pertain to.

The required readings are in **bold**. Links are provided underlined and in *italics*. It is recommended to read them **before the class**, and they will be part of the materials covered in the exam. The other readings are optional for those who are interested in further learning.

At the beginning of the reading list there are also a few books for further reading that might be of interest to some of you and are very related to the course content.

Suggested Additional Books for Further Reading

- Not the End of the World: How We Can Be the First Generation to Build a Sustainable Planet, Ritchie, Hannah (2024). *Little, Brown Spark*.
- Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think, Rosling, Hans, Rosling, Ola, and Anna Rosling Rönnlund (2018). *Flatiron Books, New York*.
- The Economics of Poverty: History, Measurement and Policy, Martin Ravallion (2016). *Oxford University Press*.
- Doing Good Better: Effective Altruism and a Radical New Way to Make a Difference, MacAskill, William (2015). *Guardian Faber Publishing*.
- Encountering Poverty: Thinking and Acting in an Unequal World, Roy, Ananya, Genevieve Negrón-Gonzales, Kweku Opoku-Agyemang, Clare Talwalker, and Abby VanMuijen (2016). *University of California Press*.
- Poor Economics: A Radical Rethinking of the Way to Fight Global Poverty, Banerjee, Abhijit, and Esther Duflo (2011). *PublicAffairs*.
- More than Good Intentions. How a New economics is Helping to Solve Global Poverty, Karlan, Dean, and Jacob Appel (2011). *Dutton, New York*.
- Development as Freedom, Sen, Amartya (2001). *Oxford Paperbacks*.
- On empirical methods:
- Mastering 'Metrics. Angrist, Joshua D, and Pischke, Jörn-Steffen (2014). *Princeton University Press*.
- Running Randomized Evaluations: a Practical Guide, Glennerster, Rachel, and Takavarasha, Kudzai (2013). *Princeton University Press*.
- Randomistas: How Radical Researchers Are Changing Our World, Leigh, Andrew (2018). *Yale University Press*.

Lecture 1: Course Introduction

- Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think (Chapter 2), Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). *Flatiron Books, New York*.
- *See How the Rest of the World Lives, Organized by Income*, Rosling, Anna (2017). *TED Talk*.
- *The Danger of a Single Story*. Adichie, Chimamanda (2009). *TED Talk*.
- *The Economic Lives of the Poor*, Banerjee, Abhijit, and Esther Duflo (2007). *Journal of Economic Perspectives*, 21(1): 141-167.

Lecture 2: Global Poverty I

- **Global Extreme Poverty** (Subsections: “Overview of this entry”; “Extreme poverty in the broader context of well-being”; “Historical poverty around the world”; “Historical poverty in today’s rich countries”; “The evolution of extreme poverty, country by country”; “Total population in extreme poverty, by world regions”; “How many poor people live in each country?”; “Who are the people living in extreme poverty?”; “Setting the International Poverty Line”; “What is the cost of ending extreme poverty”), **Our World in Data**.
- **What Are PPP Adjustments and Why Do We Need Them?** **Our World in Data**.
- **Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think** (Chapter 8), Rosling, Hans, Rosling, Ola, and Anna Rosling Rönnlund (2018). *Flatiron Books, New York*.
- **The Economics of Poverty: History, Measurement, and Policy** (Chapters 3.1, 4), Ravallion, Martin (2015). *Oxford University Press*.
- **Poverty is back to pre-COVID levels globally, but not for low-income countries**, Yonzan, Nishant, Mahler, Daniel Gerszon, Lakner Christoph (2023). *World Bank Blog*.
- **The Impact of COVID-19 on Global Inequality and Poverty**, Yonzan, Nishant, Mahler, Daniel Gerszon, Lakner Christoph (2022). *World Bank Policy Research Working Paper 10198*.
- **The history of the end of poverty has just begun**, **Our World In Data**.
- **Extreme poverty: how far have we come, how far do we still have to go?** **Our World In Data**.
- **Income and emotional well-being: A conflict resolved**, Killingsworth, Matthew A., Kahneman, Daniel, Mellers, Barbara (2023). *Proceedings of the National Academy of Sciences*, 120(10).
- **Poverty Data Explorer: Key indicators from World Bank data**. **Our World In Data**.

With this data explorer you can look up by yourself most of the data presented in the course and focus on different topics, region, and countries, for example your own!

Lecture 3: Global Poverty II & Inequality I

- **Global Economic Inequality** (Section “The history of global economic inequality”, All subsections.) **Our World in Data**.
- **Income Inequality** (Sections: “How unequal were preindustrial societies?” “How has inequality in high-income countries evolved over the past century?” “Is income inequality rising around the world?” “How has income inequality within countries evolved over the past century?” “Income inequality before and after taxes: How much do countries redistribute income?” “Measuring inequality: What is the Gini coefficient?”), **Our World in Data**.
- **World Inequality Report 2022** (Chapter 4: pages 82-100), Chancel, Lucas, Piketty, Thomas, Saez, Emmanuel, Zucman, Gabriel (2022). *Harvard University Press*.
- **World Inequality Report 2022** (Chapter 2: pages 52-71), Chanel, Lucas; Piketty, Thomas; Saez, Emmanuel; Zucman, Gabriel (2022). *Harvard University Press*.
- **Does A Progressive Wealth Tax Reduce Top Wealth Inequality? Evidence from Switzerland**, Marti, S., Martínez, I., Scheuer, F. (2023). *Oxford Review of Economic Policy*, 39(3): 513–529.
- **From \$1.90 to \$2.15 a day: the updated International Poverty Line** (2022), **Our World In Data**.
- **The Effects of Income Transparency on Well-Being: Evidence from a Natural Experiment**, Perez-Truglia, Ricardo (2019). *American Economic Review*, 110(4): 1019–1054.

- Are 26 billionaires worth more than half the planet? The debate, explained, Matthews, Dylan (2019). *Vox Article*.
- Happiness and Life Satisfaction, Our World in Data.
- Global poverty in an unequal world: Who is considered poor in a rich country? And what does this mean for understanding of global poverty? Roser, Max, (2021). Our World in Data,
- The Size of the Poverty Gap: Some Hints Regarding the Cost of Ending Extreme Poverty, Our World in Data.
- New Thoughts on Capital in the Twenty-first Century, Piketty, Thomas (2014). TED Talk.
- The Economics of Poverty: History, Measurement, and Policy (Chapter 5.1-5.3, 5.8), Ravallion, Martin (2015). *Oxford University Press*.
- World Inequality Report 2022 (Executive Summary: pages 9-20; Chapter 1: pages 25-50); Chanel, Lucas, Piketty, Thomas, Saez, Emmanuel, Zucman, Gabriel (2022). *Harvard University Press*.
- Experienced well-being rises with income, even above \$75,000 per year, Killingsworth, Mathew A. (2021). *Proceedings of the National Academy of Sciences*, 118(4).
- What is economic growth? And why is it so important?, Our World in Data.
- The history of the end of poverty has just begun, Our World in Data.
- Die Verteilung von Einkommen und Vermögen in der Schweiz, Föllmi, Reto & Martínez, Isabel (2017). *UBS Center Public Paper No. 6*.

Lecture 4: Inequality II, Population Growth & Health I

- "Life Expectancy" – What Does This Actually Mean?, Our World in Data.
- When Will the World Reach 'Peak Child'? (Subsections: "The last decades and the next decades"; "The link between education in the short-run and the size of the population in the long-run"; "The WC-IIASA projections: How investments in education matter for the global population in the 21st century"; "The four future scenarios for global education"; "The size and structure of the world population under different educational scenarios"; "Global demand for education: The population of school-age children"; "Africa is going to be crucial") Our World in Data.
- World Population Growth (Subsections: "World Population from 10,000 BCE to today"; "How has the world population growth rate changed?"; "How long did it take for the world population to double?"; "Population growth by world region"; "Population growth by country"; "Population growth rate by country and region"; "Two centuries of rapid global population growth will come to an end"; "The past future of the global age structure"; "The Demographic Transition"; "Empirical evidence for the demographic transition"; "How development affects population growth") Our World in Data.
- Future Population Growth (Subsections: "The world is reaching peak child"; "The world population by educational structure"; "Births and deaths"; "Projections of the fertility rate", "The correlation between fertility rate and population growth"), Our World in Data.
- Population growth rate vs child mortality rate. Our World in Data.
- Child and Infant Mortality (Sections: "Child mortality- where we are today" (only intro + subsection "Child mortality is an everyday tragedy of enormous scale that rarely makes the headlines"); "Mortality in the past – around half died as children" (all subsections included); "Child mortality around the world since 1800" (all subsections included); "Global picture of child mortality from 1800 until today" (all subsections included); "Child mortality and income level" (all subsections included)). Our World in Data.

- **Famines** (Section (all subsections included): “Famine across the world since 1860”), Our World in Data.
- **Hunger and Undernourishment** (Sections (all subsections included): “Undernourishment”; “Childhood malnutrition”), Our World in Data.
- Maternal mortality, Our World in Data.
- Three billion people cannot afford a healthy diet, Hanna Ritchie (Our World in Data)
- DON'T PANIC — Hans Rosling Showing the Facts about Population, Rosling, Hans (2014).
- Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think (Chapter 3), Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). *Flatiron Books, New York*.
- Population Policies and Fertility Convergence, de Silva, Tiloka and Tenreyro, Silvana (2018). *VoxDev Article*.
- World Population Prospects 2022, United Nations, Department of Economic and Social Affairs, Population Division (2022).

Lecture 5: Health II & Introduction to Randomized Controlled Trials (RCTs)

Health

- **Cleaner Water at the Source**, Abdul Latif Jameel Poverty Action Lab. **J-PAL Policy Briefcase (2012)**.
- **Deworming: A Best Buy for Development**, Abdul Latif Jameel Poverty Action Lab, **Innovations for Poverty Action. J-PAL IPA Policy Bulletin (2012)**.
- **Free Malaria Bednets**, Cohen, Jessica, Dupas, Pascaline. **Innovations for Poverty Action**.
- First malaria vaccine slashes early childhood mortality, Wadman, Meredith (2023). *Science Article*.
- Disease and Development: Evidence from Hookworm Eradication in the American South, Hoyt Bleakley (2007). *The Quarterly Journal of Economics*, 122(1): 73–117.
- Free Distribution or Cost-Sharing? Evidence from a Randomized Malaria Prevention Experiment, Cohen, Jessica & Pascaline Dupas (2010). *The Quarterly Journal of Economics*, 125(1): 1–45.
- Spring Cleaning: Rural Water Impacts, Valuation, and Property Rights Institutions, Kremer, Michael, Jessica Leino, Edward Miguel, Alix Peterson Zwane (2011). *The Quarterly Journal of Economics*, 126(1): 145-205.
- What Does a Famine Declaration Declare?, Our World in Data.
- Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities, Miguel, Edward, Kremer, Michael (2004). *Econometrica*, 72(1): 159-217.
- COVID-19 pandemic drives global increase in humanitarian food assistance needs: Lasting economic impacts of the COVID-19 pandemic to adversely affect food security into 2021, Famine Early Warning System Network (2020).
- School closures and longer-term implications of COVID-19 for inter-generational mobility. Azevedo, João Pedro; Cojocar, Alexandru; Montalva, Veronica; Narayan, Ambar (2023). World Bank Blog.

Introduction to RCTs

- **Impact Evaluation Methods in Public Economics: a Brief Introduction to Randomized Evaluations and Comparison with Other Methods** (Sections 1 and 2), Pomeranz, Dina (2017). *Public Finance Review*, 45(1):10-43
- **Do Conditional Cash Transfers Improve Child Health? Evidence from PROGRESA's Control Randomized Experiment**, Gertler, Paul (2004). *American Economic Review*, 94(2): 336-341.
- **Introduction to Randomized Evaluations**, Gibson, Michael, Sautmann, Anja (2023). Abdul Latif Jameel Poverty Action Lab.
- **Social Experiments to Fight Poverty**, Duflo, Esther (2010). *TED Talk*.
- **Using randomization in development economics research: A toolkit**, Duflo, Esther, Rachel Glennerster, and Michael Kremer (2007). *Handbook of Development Economics*, 4: 3895-3962.
- **Data analysis**, Duru, Maya & Kopper, Sarah (2023). Abdul Latif Jameel Poverty Action Lab.
- **Education, HIV, and Early Fertility: Experimental Evidence from Kenya**, Duflo, E., P. Dupas, and M. Kremer (2015). *American Economic Review*, 105(9): 2257–2297.
- **Worth Your Weight: Experimental Evidence on the Benefits of Obesity in Low-Income Countries**, Macci, Elisa (2022). *American Economic Review*, 113(9): 2287–2322.
- **Practical Suggestions for More Ethical Social Science**, Evans, David (2021). *Center for Global Development*.

Lecture 6: Introduction to Difference-in-Differences Analysis & Education I

Difference-in-differences

- **Impact Evaluation Methods in Public Economics: a Brief Introduction to Randomized Evaluations and Comparison with Other Methods** (Sections 3 to 8), Pomeranz, Dina (2017). *Public Finance Review*, 45(1):10-43
- **Capital Tax Reform and the Real Economy: The Effects of the 2003 Dividend Tax Cut**, Yagan, Danny. (2015). *American Economic Review*, 105 (12): 3531-63.
- **What Goes Up May Not Come Down: Asymmetric Incidence of Value-Added Taxes**, Youssef Benzarti, Dorian Carloni, Jarkko Harju, and Tuomas Kosonen (2020). *Journal of Political Economy*. 128:12, 4438-4474
- **The Digital Divide: Information (Technology), Market Performance, and Welfare in the South Indian Fisheries Sector**, Jensen, Robert (2007). *The Quarterly Journal of Economics* 122(3): 879-924.
- **Children and gender inequality: Evidence from Denmark**, Kleven, Henrik, Camille Landais, and Jakob Egholt Sogaard (2018). *American Economic Journal: Applied Economics*, 11(4): 181–209.
- **Child Penalties across Countries: Evidence and Explanations**, Kleven, Henrik, Camille Landais, Johanna Posch, Andreas Steinhauser, and Josef Zweimüller (2019). *AEA Papers and Proceedings*, 109: 122–26.
- **Child Penalties and Gender Inequality**, Kleven, Henrik (2022). *NBER Reporter No. 4*.
- **Lecture 1: The Child Penalty**, Kleven, Henrik (2021). *Zeuthen Lectures*.

Education

- **Global Education** (Section (all subsections included): “The Evolution of Education Outcomes”), **Our World in Data**.

- *An Analysis of COVID-19 Student Learning Loss*, Patrinos, H.A., Vegas, E., Carter-Rau, R. (2023). *Oxford Research Encyclopedia of Economics and Finance*.
- *Learning Loss and Student Dropouts during the COVID-19 Pandemic: A Review of the Evidence Two Years after Schools Shut Down*, Moscoviz, L., Evans, D.K. (2022) *CGD Working Paper 609*.
- *Early Childhood Learning Losses during COVID-19: Systematic Review*, Uğraş, M.; Zengin, E.; Papadakis, S.; Kalogiannakis, M (2023) *Sustainability*, 15: 6199: 1-29.
- *A systematic review and meta-analysis of the evidence on learning during the COVID-19 pandemic*, Betthäuser, B.A., Bach-Mortensen, A.M. & Engzell, P. (2023) *Nature Human Behaviour* 7: 375–385.

Lecture 7: Education II, Comparison of Impact Evaluation Methods & Insights From RCTs and Field Experiments

- *Increasing Test Score Performance*, Abdul Latif Jameel Poverty Action Lab (2018). (In OLAT)
- *World Development Report 2018: Learning to Realize Education’s Promise* (Overview: first part, pages 3-16), World Bank Group (2018).

Lecture 8: Corruption, Democracy, Institutions, and Regression Discontinuity Design (RDD)

- ***Corruption*** (Introduction; Sub-sections from Section “Empirical View”: “Where is perceived corruption high?”; “Where are people more likely to pay bribes to access public services?”; “How does petty corruption affect the income of the poor?”; “Where are firms more likely to be asked for bribes”), Our World in Data.
- ***Democracy*** (Empirical View), Our World in Data.
- ***The Visual History of Decreasing War and Violence***. Our World in Data.
- ***Political inclusion and development outcomes: Brazil introduces electronic voting***, Fujiwara, Thomas (2017). VoxDev.
- ***War and Peace*** (Sections “Introduction” and all “Key Insights”), Our World in Data.
- *Governance Initiative Review Paper*, Olken, Benjamin, Pande, Rohini (2019). Abdul Latif Jameel Poverty Action Lab.
- *Voting Technology, Political Responsiveness, and Infant Health: Evidence from Brazil*, Fujiwara, Thomas (2015). *Econometrica*, 83(2): 423-464.

Lecture 9: Migration

- ***Changing Patterns of Global Migration and Remittances (Chapter 1: Overview)***, Connor, Phillip, Cohn, D’Vera and Ana Gonzalez-Barrera (2013). *Social Trends*, Pew Research Center.
- ***International migration: Key findings from the U.S., Europe and the world***, Connor, Phillip (2016). *Pew Research Center*.
- ***Trillion-Dollar Bills on the Sidewalk: Why Don’t More Economists Study Emigration?***, Clemens, Michael (2011). *Center for Global Development Blog Post*.
- ***Think Development in Poor Countries Will Reduce Migration? The Numbers Say Otherwise***, Clemens, Michael (2014). *Center for Global Development Blog Post*.
- *Abundance from Abroad: Migrant Income and Long-Run Economic Development*, Khanna, Gaurav, Murathanoglu, Emir, Theoharides, Caroline and Yang, Dean (2018). *National Bureau of Economic Research*

Working Paper 29862.

- *Does Development Reduce Migration?*, Clemens, Michael (2014). *Center for Global Development Working Paper 359*.
- *Does Migration Foster Exports? Evidence from Africa*, Ehrhart, Helene, Le Goff, Maelan, Rocher, Emmanuel and Singh, Raju Jan (2014). *World Bank Policy Research Working Paper 6739*.
- *Economics and Emigration: Trillion-Dollar Bills on the Sidewalk?* Clemens, Michael (2011). *Journal of Economic Perspectives*, 25(3): 83-106.
- *Eight Questions about Brain Drain*, Gibson, John, and David McKenzie. (2011). *Journal of Economic Perspectives*, 25(3): 107-128.
- *International Migration and Remittances*, Yang, Dean (2015). *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol. 12, Oxford: Elsevier, pp. 519–524.
- *Migrant Remittances*, Yang, Dean (2011). *Journal of Economic Perspectives*, 25(3): 129-152.
- *Migration and Remittances: Recent Developments and Outlook*, World Bank Group (2019). *Migration and Development Brief 31*.
- *Why Do Programmers Earn More in Houston Than Hyderabad? Evidence from Randomized Processing of US Visas*, Clemens, Michael (2013). *American Economic Review: Papers & Proceedings*, 10 (3): 198-202.
- *Cash Transfers and Migration: Theory and Evidence from a Randomized Controlled Trial*, Gazeaud, Jules, Mvukiyehe Eric, Sterck, Olivier (2023). *The Review of Economics and Statistics*, 105(1): 143–157.
- *Medical Worker Migration and Origin-Country Human Capital: Evidence from U.S. Visa Policy*. Abarcar, Paolo, Theoharides, Caroline (2024). *The Review of Economics and Statistics*, 106 (1): 20–35

Lecture 10: Climate Change

- ***Economists' Statement on Carbon Dividends*** (2019), **Climate Leadership Council (US)**.
- ***Economists' Statement on Carbon Pricing*** (2019), **European Association of Environmental and Resource Economists**.
- *CO₂ and Greenhouse Gas Emissions*, Our World in Data.
- *Are we the last generation — or the first sustainable one?*, Ritchie, Hannah (2023). TED Talk.
- *Way Down in the Hole: Adaptation to Long-Term Water Loss in Rural India*, Blakeslee, David, Ram Fishman, and Veena Srinivasan (2020). *American Economic Review*, 110 (1): 200-224.
- *Can climate change make us anti-social?*, Miguel, Edward (2019). VoxDev video.
- *Climate change and infant mortality*, Geruso, Michael and Spears, Dean (2018). VoxDev.
- *Economic growth in Africa will not be achieved by a blanket ban on fossil fuels*, Moore, Gyude, and Ramachandran, Vijaya (2021). The Hill.
- *Rapid, Climate-Informed Development Needed to Keep Climate Change from Pushing More than 100 Million People into Poverty by 2030*, World Bank Group (2015).
- *Finding Our Way in the Age of Climate Change and Migration*, Vitorino, António (2019). International Organization for Migration.
- *World Economic Outlook: A Long and Difficult Ascent*, International Monetary Fund (2020). Washington, DC.
- *The Shared Socioeconomic Pathways and their energy, land use, and greenhouse gas emissions*

implications: An overview. Riahi, Keywan, Detlef P. van Vuuren, Elmeare Kriegler, Jae Edmonds, Brian C. O'Neill, Shinichiro Fujimori, Nico Bauer, Katherine Calvin, Rob Dellink, Oliver Fricko, Wolfgang Lutz, Alexander Popp, Jesus Crespo Cuaresmo, Samir KC, Marian Leimbach, Leiwen Jiang, Tom Kram, Sijlap Rao, Johannes Emmerling, Kristie Ebi, Tomoko, Hasegawa, Petr Havlik, Florian Humpenöder, Lara Aleluia Da Silva, Steve Smith, Elke Stehfest, Valentina Bosetti, Jiyong Eom, David Gernaat, Toshihiko Masui, Joeri Rogelj, Jessica Strefler, Laurent Drouet, Volker Krey, Gunnar Luderer, Mathijs Harmsen, Kiyoshi Takahashi, Lavinia Baumstark, Jonathan C. Doelman, Mikiko Kainuma, Zbigniew Klimont, Giacomo Marangoni, Hermann Lotze-Campen, Michael Obersteiner, Andrzej Tabeau, Massimo Tavoni, (2017) *Global Environmental Change*, 42: 153-168.

- *Global CO2 emissions have been flat for a decade, new data reveals*, Hausfather, Zeke (2021). World Economic Forum.
- *Buy Green Not Local*, Le Mogine, Mathilde (2022). Research Slam #2 Video.
- *Buy Green not Local: How International Trade Can Help Save Our Planet*. Le Moigne, M., Ossa, R. (2021). *Kühne Center Impact Series 03-21*.
- *You want to reduce the carbon footprint of your food? Focus on what you eat, not whether your food is local*, Our World in Data.
- *Prioritising innovation: the case against the carbon tax*, Ho, Ben (2022). Economist Impact Guest Op-Ed.

Lecture 11: Taxation

- ***Dodging the Taxman: Evidence from Ecuador***, Carrillo, Paul; Pomeranz, Dina and Monica Singhal (2017). VoxDev.
- ***No participation without taxation? Evidence from randomized tax collection in the D.R. Congo***, Weigel, Jonathan (2017). *World Bank Development Impact Blog*.
- ***Taxation*** (Sub-sections: “Taxes started growing in early-industrialised countries after the First World War”; “In the process of development, middle income countries have increased tax revenues”; “How much tax revenue do countries collect today?”; “How have income tax revenues evolved around the world?”; “How is consumption taxed?”; “How has the taxation of goods and services evolved around the world?”; “Rising GDP is associated with rising tax revenues”), Our World in Data.
- ***The Role of the VAT for Tax Enforcement***, Pomeranz, Dina (2015). *J-PAL Evaluations*.
- ***The Participation Dividend of Taxation: How Citizens in Congo Engage More with the State When it Tries to Tax Them***, Weigel, Jonathan (2020). *The Quarterly Journal of Economics*, 135(4): 1849–1903.
- ***Challenges of Monitoring Tax Compliance by Multinational Firms: Evidence from Chile***, Bustos, Sebastian; Pomeranz, Dina; Vila-Belda, José and Gabriel Zucman (2019). *AEA Papers and Proceedings*, 109: 500–505
- ***Dodging the Taxman: Firm Misreporting and Limits to Tax Enforcement***, Carrillo, Paul; Dina Pomeranz, and Monica Singhal (2017). *American Economic Journal: Applied Economics*, 9(2): 144-164.
- ***How Big Is the Transfer Pricing Prize for Development?***, Forstater, Maya (2017). *Center for Global Development Blog Post*.
- ***Misleading Numbers About Illicit Financial Flows: The Former Norwegian Ambassador to Zambia speaks up***, Forstater, Maya (2018). Blog post.
- ***No Taxation without Information: Deterrence and Self-Enforcement in the Value Added Tax***, Pomeranz, Dina (2015). *American Economic Review*, 105(8): 2539-2569.
- ***Poorer Countries Lose More from Corporate Profit-Shifting***, Cobham, Alex (2014). *Center for Global Development Blog Post*.

- *Taking State-Capacity Research to The Field: Insights from Collaborations with Tax Authorities*, Pomeranz, Dina and Vila-Belda, José (2019). *Annual Review of Economics*, 11:755–781
- *Ghosting the Tax Authority: Fake Firms and Tax Fraud in Ecuador*. Carrillo, Paul, Dave Donaldson, Dina Pomeranz, and Monica Singhal (2023). *American Economic Review: Insights*, 5 (4): 427-44.

Lecture 12: Colonialism, Power and Political Economy of Development & Aid, Development and Cooperation I

- ***Colonialism, Our World in Data. (In OLAT)***
- ***Commitment to Development Index 2018***, Mitchell, Ian; Käppeli, Anita; Robinson, Lee; McKee, Caitlin and Arthur Baker (2018). *Center for Global Development*.
- *Understanding the long-run effects of Africa’s slave trades*, Nunn, Nathan (2017). *VoxEU – CEPR Column*.
- *Working in Emerging Markets: Opportunities and Blind Spots*, Adhikari, Samik, Elorrieta Juan Ignacio and Dina Pomeranz (2018).
- *Colonial Switzerland: Rethinking colonialism from the margins*, Purtschert, Patricia, and Harald Fischer-Tiné (2015). *Cambridge Imperial and Post-Colonial Studies*. Palgrave Macmillan London.
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