

Sustainable Cities: Using the Sustainable Development Goals as a Framework for Enabling Sustainable Urban Development

United Nations University (UNU-IAS)

Spring 2020

Location: Library lecture room

Time: See schedule

Lecturer: Dr. Riyanti Djalante, Dr. Philip Vaughter

Contact Information: djalante@unu.edu, vaughter@unu.edu

Office Hours: by appointment

1. Course Description

Cities are home to half the world's seven billion people and contribute to about 75% of global economic output. An additional three billion people are estimated to live in cities by 2050, increasing the urban share of the world's population to two-thirds. Yet, cities and urban areas across the world face major challenges: poverty, unemployment, poor housing and lack of basic services for over 1 billion slum dwellers, constraints on productivity due to lack of basic infrastructure, and a concentration risk due to natural disasters and climate change. Cities are also responsible for a large share of the world's pollution and greenhouse gas emissions. However, not everything about city life is bleak – for example, urban citizens tend to be more resource and energy efficient than their suburban and rural counterparts. This classical view of the city, as a site of inextricable problems has inhibited interest and investment in them as sites of opportunity, innovation, and change.

In 2015, countries adopted the 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals, including Goal 11: Sustainable Cities and Communities. The New Urban Agenda was adopted in 2016 to guide urban development toward safe, inclusive, resilient and sustainable cities. The Sustainable Development Goals (SDGs) are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate, environmental degradation,

prosperity, and peace and justice. Because the Goals interconnect, they also offer a way to tackle all the goals simultaneously. In this course, we will use Goal 11 as a focal point for addressing all the SDGs in an urban context, keeping in mind the Goals complexity and interconnectivity.

2. Course Objectives and Learning Goals:

This course explores what sustainable cities are all about. It examines how urban sustainability can be delivered through the framework of the SDGs: how cities function as systems of systems; how we can increase urban productivity and reduce urban poverty and inequality, enable urban inclusion and safety; provide universal basic services, housing and infrastructure; protect the urban environment, reduce risk and vulnerability, and increase resource and energy efficiency. It further explores what actions need to be taken to improve urban governance and financing for sustainable development and key institutions and agents that can make this possible. There are 3 parts of:

1. Part 1: History of sustainable development: What is sustainable development? How does it relate to urban development?
2. Part 2: Analysis of the 17 SDGs: What are the 17 goals and how are they interlinked through Goal 11? How will the Sustainable Development Goals be implemented within the urban context and what is the current progress of each goal?
3. Part 3: Local to Global: How will the Sustainable Development Goals be monitored in cities? What other international frameworks can be connected to city governance?

3. Requirements and Grading Policy

- Class Participation and Discussion: 7%
- **Assignment 1: Annotated bibliography for lecture topic**
 - 14x2%=28% (Lecture 1 to 14)
 - Write an annotated bibliography on key topics discussed (from Lecture 1 to 14)
 - 4 References @ 75-100words (journal articles only) per summary. You can certainly use those from the reading list or other journal articles
 - Arial 12, 1.5 space, justified alignment
 - Course name, assignment number, lecture topic, student name and number, are in the header
 - Harvard referencing style
- **Assignment 2: Policy Brief**
 - 20% of total marks
 - Write an issue-based policy brief outlining an aspect of urban sustainability you think needs to be tackled by city government, and how this issue is related to Goal 11 and the other SDGs

- Recommend three to four possible solutions for the sustainable development issue drawing examples from different cities around the world
- Arial 12, 1.5 space, justified alignment, double side, cover page, references (reports and academic articles)
- Harvard referencing style
- Maximum of 2,000 words (including references)
- Include a works cited section on references you cite within the brief.
- **Assignment 3: Research Paper**
 - Write a research paper on a specific city from a geo-region you select during class.
 1. Provide a brief summary of relevant information in regard to the city (geography, size, demographics), and then
 2. Provide an overview of how well the city is meeting Goal 11, as well as what issues the city is facing in regard to the other 16 Sustainable Development Goals (Goals 1-10, 12-17).
 - a. **Note:** this should not be an exhaustive list – two to three sentences with supporting references are enough for each of the SDGs you discuss. This information can be presented in table format.
 - b. Examine the literature you can find in relation to each of the SDGs for the city, and
 3. Propose three of the SDGs you would prioritize for city governance in the city. Explain why these SDGs should be priority areas for your city?
 4. Propose what research is needed to better understand the problem related to the three SDGs you propose prioritizing.
 - **35%** of total marks
 - Arial 12, 1.5 space, justified alignment, double side, cover page, references (in-text, bibliography, can include both reports and academic articles)
 - Harvard referencing style
 - Maximum of 3,000-3,500 words (not including references)
 - Include a works cited section on references you cite within the brief.
- **Assignment 4: Class Presentation (of assignment 3)**
 - **10%** of total marks
 - 5-minute presentation, Make your presentation to the Mayor of the city
 - Maximum 5 slides
 1. City overview
 2. Progress in implementing SDG 11
 3. Issues regarding the other 16 SDGs
 4. Proposal for 3 SDGs to be prioritized and why
 5. Research needs for the priorities

4. Course Outline

Lecture / Assignment	Date	Content	Instructor
Part 1: History of sustainable development			
Lecture 1	7 April 2020 11.00-12.30	Introduction: Sustainable development timeline	Dr. Djalante / Dr. Vaughter
Lecture 2	7 April 2020 14.00-15.30	Introduction: Overview of the 17 SDGs and key interlinkages with SDG 11	Dr. Djalante / Dr. Vaughter
Assignment 1	Friday, 23.55pm	Annotated bibliography (Lecture 2 to 14) due on the Friday after the class	
Part 2: Analysis of the 17 SDGs			
Lecture 3	14 April 2020 11.00-12.30	Cities and Human Development: SDG 1	Dr. Philip Vaughter
Lecture 4	14 April 2020 14.00-15.30	Cities and Human Development: SDG 2	Dr. Philip Vaughter
Lecture 5	21 April 2020 11.00-12.30	Cities and Human Development: SDG 3	Dr. Philip Vaughter
Lecture 6	21 April 2020 14.00-15.30	Cities and Human Development: SDG 4	Dr. Philip Vaughter
Lecture 7	28 April 2020 11.00-12.30	Climate Resilient Cities: SDG 6	Dr. Riyanti Djalante
Lecture 8	28 April 2020 14.00-15.30	Climate Resilient Cities: SDGs 7 & 13	Dr. Riyanti Djalante
Assignment 2	1 May 2020, 23.55pm	Policy brief	
Lecture 9	7 May 2020 11.00-12.30	Inclusive Cities: SDGs 5 & 10	Guest Lecturer (TBA)
Lecture 10	12 May 2020 11.00-12.30	Urban Economy: SDGs 8 & 9	Guest Lecturer (TBA)
Lecture 11	22 May 2020 11.00-12.30	Urban Economy: SDG 12	Guest Lecturer (TBA)
Lecture 12	26 May 2020 11.00-12.30	Blue & Green Cities: SDGs 14 & 15	Guest Lecturer (TBA)
Lecture 13	2 June 2020 11.00-12.30	Governing Cities: SDGs 16 & 17	Dr. Okitasari
Part 3: Local to global			
Lecture 14	9 June 2020 11.00-12.30	Global Cities: Linking city governance to Agenda 2030, the New Urban Agenda, the Paris Agreement, and the Sendai Framework	Dr. Djalante / Dr. Vaughter
Assignment 3	19 June 2020, 23.55pm	Research paper	
Lecture 15	16 June 2020 11.00-12.30	Summary of classes	Dr. Djalante / Dr. Vaughter
Assignment 4		Class Presentation	

5. Course Readings

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
Lecture 1	Introduction	<ul style="list-style-type: none"> - No required readings for Lecture 1 - Lélé, Sharachchandra M. "Sustainable development: a critical review." <i>World development</i> 19, no. 6 (1991): 607-621. - Cash, David W., William C. Clark, Frank Alcock, Nancy M. Dickson, Noelle Eckley, David H. Guston, Jill Jäger, and Ronald B. Mitchell. "Knowledge systems for sustainable development." <i>Proceedings of the national academy of sciences</i> 100, no. 14 (2003): 8086-8091. - Griggs, David, Mark Stafford-Smith, Owen Gaffney, Johan Rockström, Marcus C. Öhman, Priya Shyamsundar, Will Steffen, Gisbert Glaser, Norichika Kanie, and Ian Noble. "Policy: Sustainable development goals for people and planet." <i>Nature</i> 495, no. 7441 (2013): 305. - Pogge, Thomas, and Mitu Sengupta. "The Sustainable Development Goals: a plan for building a better world?." <i>Journal of Global Ethics</i> 11, no. 1 (2015): 56-64. - Langford, Malcolm. "Lost in transformation? The politics of the sustainable development goals." <i>Ethics & International Affairs</i> 30, no. 2 (2016): 167-176.
Lecture 2	Introduction	<ul style="list-style-type: none"> - United Nations Habitat. (2017). <i>The New Urban Agenda.</i> - United Nations Habitat. (2018). <i>Tracking progress towards inclusive, safe, resilient and sustainable cities and human settlements: SDG 11 synthesis report.</i> - Le Blanc, David. "Towards integration at last? The sustainable development goals as a network of targets." <i>Sustainable Development</i> 23, no. 3 (2015): 176-187. - Nilsson, Måns, Dave Griggs, and Martin Visbeck. "Policy: map the interactions between Sustainable Development Goals." <i>Nature News</i> 534, no. 7607 (2016): 320. - Simon, David, Helen Arfvidsson, Geetika Anand, Amir Bazaz, Gill Fenna, Kevin Foster, Garima Jain et al. "Developing and testing the Urban Sustainable Development Goal's targets and indicators—a five-city study." <i>Environment and Urbanization</i> 28, no. 1 (2016): 49-63.
Lecture 3	Cities and Human Development : SDG 1	<ul style="list-style-type: none"> - Wratten, Ellen. "Conceptualizing urban poverty." <i>Environment and urbanization</i> 7, no. 1 (1995): 11-38. - Houtzager, Peter P. "The Silent Revolution in Anti-Poverty Programmes: Minimum Income Guarantees in Brazil." <i>ids Bulletin</i> 38, no. 6 (2007): 56-63. - Cross, Catherine. "Housing delivery as anti-poverty: is South Africa on the right track." In <i>Southern African Housing Foundation International Conference</i>, pp. 1-20. 2008.

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
		- Gao, Qin, Sui Yang, and Shi Li. "Welfare, targeting, and anti-poverty effectiveness: The case of urban China." <i>The Quarterly Review of Economics and Finance</i> 56 (2015): 30-42.
Lecture 4	Cities and Human Development : SDG 2	<ul style="list-style-type: none"> - Brinkley, Catherine, Eugenie Birch, and Alexander Keating. "Feeding cities: Charting a research and practice agenda toward food security." <i>Journal of Agriculture, Food Systems, and Community Development</i> 3, no. 4 (2016): 81-87. - Richards, Peter, Tom Reardon, David Tschirley, Thom Jayne, Jim Oehmke, and David Atwood. "Cities and the future of agriculture and food security: a policy and programmatic roundtable." <i>Food Security</i> 8, no. 4 (2016): 871-877. - Walker, Renee E., Christopher R. Keane, and Jessica G. Burke. "Disparities and access to healthy food in the United States: A review of food deserts literature." <i>Health & Place</i> 16, no. 5 (2010): 876-884.
Lecture 5	Cities and Human Development : SDG 3	<ul style="list-style-type: none"> - Hartig, Terry, and Peter H. Kahn. "Living in cities, naturally." <i>Science</i> 352, no. 6288 (2016): 938-940. - Rydin, Yvonne, Ana Bleahu, Michael Davies, Julio D. Dávila, Sharon Friel, Giovanni De Grandis, Nora Groce et al. "Shaping cities for health: complexity and the planning of urban environments in the 21st century." <i>The Lancet</i> 379, no. 9831 (2012): 2079-2108. - Stevenson, Mark, Jason Thompson, Thiago Hérick de Sá, Reid Ewing, Dinesh Mohan, Rod McClure, Ian Roberts et al. "Land use, transport, and population health: estimating the health benefits of compact cities." <i>The Lancet</i> 388, no. 10062 (2016): 2925-2935.
Lecture 6	Cities and Human Development : SDG 4	<ul style="list-style-type: none"> - del Rosario González Ovalle, María, José Antonio Alvarado Márquez, and Samuel David Martínez Salomón. "A compilation of resources on knowledge cities and knowledge-based development." <i>Journal of knowledge management</i> 8, no. 5 (2004): 107-127. - Osborne, Michael, Peter Kearns, and Jin Yang. "Learning cities: Developing inclusive, prosperous and sustainable urban communities." <i>International Review of Education</i> 59, no. 4 (2013): 409-423. - Vitiello, Domenic. "Re-forming schools and cities: Placing education on the landscape of planning history." (2006): 183-195.
Lecture 7	Climate Resilient Cities: SDG 6	<ul style="list-style-type: none"> - SDG 6 Synthesis Report 2018 on Water and Sanitation, Executive Summary - World Water Development Report 2018, Summary - World Health Organization. "Progress on drinking water, sanitation and hygiene: 2017 update and SDG baselines."

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
		<ul style="list-style-type: none"> - Vörösmarty, Charles J., Arjen Ysbert Hoekstra, S. E. Bunn, Declan Conway, and J. Gupta. "Fresh water goes global." <i>Science</i> 349, no. 6247 (2015): 478-479. - Romero-Lankao, Patricia, and Daniel M. Gnatz. "Conceptualizing urban water security in an urbanizing world." <i>Current opinion in environmental sustainability</i> 21 (2016): 45-51. - Baron, Silja, Jannis Hoek, Inka Kaufmann Alves, and Sabine Herz. "Comprehensive scenario management of sustainable spatial planning and urban water services." <i>Water Science and Technology</i> 73, no. 5 (2016): 1041-1051. - Döll, Petra, B. Jiménez-Cisneros, T. Oki, N. W. Arnell, Gerardo Benito, J. G. Cogley, T. Jiang, Z. W. Kundzewicz, S. Mwakalila, and A. Nishijima. "Integrating risks of climate change into water management." <i>Hydrological Sciences Journal</i> 60, no. 1 (2015): 4-13. - Hellström, Daniel, Ulf Jeppsson, and Erik Kärrman. "A framework for systems analysis of sustainable urban water management." <i>Environmental impact assessment review</i> 20, no. 3 (2000): 311-321. - Bekele, Elise, Declan Page, Joanne Vanderzalm, Anna Kaksonen, and Dennis Gonzalez. "Water recycling via aquifers for sustainable urban water quality management: Current status, challenges and opportunities." <i>Water</i> 10, no. 4 (2018): 457. - AghaKouchak, Amir, David Feldman, Martin Hoerling, Travis Huxman, and Jay Lund. "Water and climate: Recognize anthropogenic drought." <i>Nature News</i> 524, no. 7566 (2015): 409. - Grit, Rost, Londong Jörg, Dietze Steffen, and Osor Gerel. "Integrated urban water management: development of an adapted management approach." <i>Environmental Earth Sciences</i> 73, no. 2 (2015): 709-718. - Chelleri, Lorenzo, Thorsten Schuetze, and Luca Salvati. "Integrating resilience with urban sustainability in neglected neighborhoods: Challenges and opportunities of transitioning to decentralized water management in Mexico City." <i>Habitat International</i> 48 (2015): 122-130. - Wang, Hao, Chao Mei, JiaHong Liu, and WeiWei Shao. "A new strategy for integrated urban water management in China: Sponge city." <i>Science China Technological Sciences</i>(2018): 1-13. - Dou, Tiantian, Stéphane Troesch, Alain Petitjean, Pálffy Tamás Gábor, and Dirk Esser. "Wastewater and rainwater management in urban areas: A role for constructed wetlands." <i>Procedia Environmental Sciences</i> 37 (2017): 535-541.

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
		<ul style="list-style-type: none"> - Marques, Rui Cunha, Nuno Ferreira da Cruz, and Joao Pires. "Measuring the sustainability of urban water services." <i>Environmental Science & Policy</i> 54 (2015): 142-151. - Howe, Carol, and Cynthia Mitchell, eds. <i>Water sensitive cities</i>. IWA Publishing, 2011.
Lecture 8	Climate Resilient Cities: SDGs 7 & 13	<ul style="list-style-type: none"> - While, Aidan, and Mark Whitehead. "Cities, urbanisation and climate change." <i>Urban Studies</i> 50, no. 7 (2013): 1325-1331. - Bai, Xuemei, Richard J. Dawson, Diana Ürge-Vorsatz, Gian C. Delgado, Aliyu Salisu Barau, Shobhakar Dhakal, David Dodman, Lykke Leonardsen, Valérie Masson-Delmotte, and Debra Roberts. "Six research priorities for cities and climate change." <i>Nature</i> 555, no. 7694 (2018): 23-25. - Jabareen, Yosef. "Planning the resilient city: Concepts and strategies for coping with climate change and environmental risk." <i>Cities</i> 31 (2013): 220-229. - Araos, Malcolm, Lea Berrang-Ford, James D. Ford, Stephanie E. Austin, Robbert Biesbroek, and Alexandra Lesnikowski. "Climate change adaptation planning in large cities: A systematic global assessment." <i>Environmental Science & Policy</i> 66 (2016): 375-382. - Tyler, Stephen, and Marcus Moench. "A framework for urban climate resilience." <i>Climate and development</i> 4, no. 4 (2012): 311-326. - Broto, Vanesa Castan, and Harriet Bulkeley. "A survey of urban climate change experiments in 100 cities." <i>Global environmental change</i> 23, no. 1 (2013): 92-102. - Hebbert, Michael, and Vladimir Jankovic. "Cities and climate change: the precedents and why they matter." <i>Urban Studies</i> 50, no. 7 (2013): 1332-1347. - McPhearson, Timon, Susan Parnell, David Simon, Owen Gaffney, Thomas Elmqvist, Xuemei Bai, Debra Roberts, and Aromar Revi. "Scientists must have a say in the future of cities." <i>Nature News</i> 538, no. 7624 (2016): 165. - McCarthy, Mark P., Martin J. Best, and Richard A. Betts. "Climate change in cities due to global warming and urban effects." <i>Geophysical Research Letters</i> 37, no. 9 (2010). - Kernaghan, Sam, and Jo da Silva. "Initiating and sustaining action: Experiences building resilience to climate change in Asian cities." <i>Urban Climate</i> 7 (2014): 47-63. - Papa, Rocco, Adriana Galderisi, Vigo Majello, Maria Cristina, and Erika Saretta. "Smart and resilient cities. A systemic approach for developing cross-sectoral strategies in the face of climate change." <i>TeMA Journal of Land Use, Mobility and Environment</i> 8, no. 1 (2015): 19-49.

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
		<ul style="list-style-type: none"> - Hallegatte, Stephane, Colin Green, Robert J. Nicholls, and Jan Corfee-Morlot. "Future flood losses in major coastal cities." <i>Nature climate change</i> 3, no. 9 (2013): 802. MITIGATION - TRACKING SDG7: THE ENERGY PROGRESS REPORT A joint report of the custodian agencies Executive Summary 2018 - Dulal, Hari Bansha, and Sameer Akbar. "Greenhouse gas emission reduction options for cities: Finding the "Coincidence of Agendas" between local priorities and climate change mitigation objectives." <i>Habitat International</i> 38 (2013): 100-105. - Creutzig, Felix, Giovanni Baiocchi, Robert Bierkandt, Peter-Paul Pichler, and Karen C. Seto. "Global typology of urban energy use and potentials for an urbanization mitigation wedge." <i>Proceedings of the National Academy of Sciences</i> 112, no. 20 (2015): 6283-6288. - Childers, Daniel L., Mary L. Cadenasso, J. Morgan Grove, Victoria Marshall, Brian McGrath, and Steward TA Pickett. "An ecology for cities: A transformational nexus of design and ecology to advance climate change resilience and urban sustainability." <i>Sustainability</i> 7, no. 4 (2015): 3774-3791. - Davoudi, Simin. "Climate change, securitisation of nature, and resilient urbanism." <i>Environment and Planning C: Government and Policy</i> 32, no. 2 (2014): 360-375. - Yang, Li, and Yanan Li. "Low-carbon city in China." <i>Sustainable Cities and Society</i> 9 (2013): 62-66. ADAPTATION - Hunt, Alistair, and Paul Watkiss. "Climate change impacts and adaptation in cities: a review of the literature." <i>Climatic change</i> 104, no. 1 (2011): 13-49. - Davoudi, Simin, Elizabeth Brooks, and Abid Mehmood. "Evolutionary resilience and strategies for climate adaptation." <i>Planning Practice & Research</i> 28, no. 3 (2013): 307-322. - Malcolm, Stephanie E. Austin, Lea Berrang-Ford, and James D. Ford. "Public health adaptation to climate change in large cities: A global baseline." <i>International Journal of Health Services</i> 46, no. 1 (2016): 53-78. - Kabisch, Nadja, Niki Frantzeskaki, Stephan Pauleit, Sandra Naumann, McKenna Davis, Martina Artmann, Dagmar Haase et al. "Nature-based solutions to climate change mitigation and adaptation in urban areas: perspectives on indicators, knowledge gaps, barriers, and opportunities for action." <i>Ecology and Society</i> 21, no. 2 (2016). - Masson, Valéry, Colette Marchadier, Luc Adolphe, Rahim Aguejdad, Paolo Avner, Marc Bonhomme, Geneviève Bretagne et

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		al. "Adapting cities to climate change: A systemic modelling approach." <i>Urban Climate</i> 10 (2014): 407-429.
Lecture 9	Inclusive Cities: SDGs 5 & 10	<p>GENDER</p> <ul style="list-style-type: none"> - The Global Gender Gap Report 2018, the World Economic Forum, Key Findings - Esquivel, Valeria, and Caroline Sweetman. "Gender and the sustainable development goals." <i>Gender & Development</i> 24, no. 1 (2016): 1-8. - Koehler, Gabriele. "Tapping the Sustainable Development Goals for progressive gender equity and equality policy?." <i>Gender & Development</i> 24, no. 1 (2016): 53-68. - Meinzen-Dick, Ruth, Chiara Kovarik, and Agnes R. Quisumbing. "Gender and sustainability." <i>Annual Review of Environment and Resources</i> 39 (2014): 29-55. <p>INEQUALITY</p> <ul style="list-style-type: none"> - Gupta, Joyeeta, and Courtney Vegelin. "Sustainable development goals and inclusive development." <i>International environmental agreements: Politics, law and economics</i> 16, no. 3 (2016): 433-448. - Camacho, Luis. "Sustainable Development Goals: kinds, connections and expectations." <i>Journal of Global Ethics</i> 11, no. 1 (2015): 18-23.. - Costanza, Robert, Lorenzo Fioramonti, and Ida Kubiszewski. "The UN Sustainable Development Goals and the dynamics of well-being." <i>Frontiers in Ecology and the Environment</i> 14, no. 2 (2016): 59-59. - Kopnina, Helen. "The victims of unsustainability: a challenge to sustainable development goals." <i>International Journal of Sustainable Development & World Ecology</i> 23, no. 2 (2016): 113-121. - Sen, Amartya. "The ends and means of sustainability." <i>Journal of Human Development and Capabilities</i> 14, no. 1 (2013): 6-20. - Anand, Sudhir, and SM Ravi Kanbur. "Inequality and development a critique." <i>Journal of Development economics</i> 41, no. 1 (1993): 19-43. - Jauch, Sebastian, and Sebastian Watzka. "Financial development and income inequality: a panel data approach." <i>Empirical Economics</i> 51, no. 1 (2016): 291-314. - Weiss, D. J., A. Nelson, H. S. Gibson, W. Temperley, S. Peedell, A. Lieber, M. Hancher et al. "A global map of travel time to cities to assess inequalities in accessibility in 2015." <i>Nature</i> 553, no. 7688 (2018): 333.

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
		<ul style="list-style-type: none"> - Rodríguez-Pose, Andrés, and Daniel Hardy. "Addressing poverty and inequality in the rural economy from a global perspective." <i>Applied Geography</i> 61 (2015): 11-23. - Park, Cyn-Young, and Rogelio Mercado. "Financial inclusion, poverty, and income inequality in developing Asia." (2015). <p>MIGRATION AND REFUGEES</p> <ul style="list-style-type: none"> - Global Compact for Safe, Orderly and Regular Migration 2018 - Global Compact for Refugees 2018 - Fábos, Anita, and Gaim Kibreab. "Urban refugees: introduction." <i>Refuge: Canada's Journal on Refugees</i> 24, no. 1 (2007). - Sanyal, Romola. "Refugees and the city: An urban discussion." <i>Geography Compass</i> 6, no. 11 (2012): 633-644. - Jacobsen, Karen. "Refugees and asylum seekers in urban areas: a livelihoods perspective." <i>Journal of Refugee Studies</i> 19, no. 3 (2006): 273-286 - Glick Schiller, Nina, and Ayse Caglar. <i>Locating migration: Rescaling cities and migrants</i>. Cornell University Press, 2010. - Friedmann, John. "Place-making as project? Habitus and migration in transnational cities." In <i>Habitus: A sense of place</i>, pp. 331-349. Routledge, 2017. - Smith, Michael Peter. "Transnational ties: Cities, migrations, and identities." In <i>Transnational Ties</i>, pp. 3-13. Routledge, 2017.
Lecture 10	Urban Economy: SDGs 8 & 9	<ul style="list-style-type: none"> - Bulkeley, H., Vanesa Castan Broto, and Anne Maassen. "Low-carbon transitions and the reconfiguration of urban infrastructure." <i>Urban Studies</i> 51, no. 7. (2014): 1471-1486. - Campbell, Scott. "Green cities, growing cities, just cities? Urban planning and the contradictions of Sustainable Development." <i>Journal of the American Planning Association</i> 62, no. 3 (1996): 296-312. - Duranton, Gilles. "From cities to productivity and growth in developing countries." <i>Canadian Journal of Economics</i> 41, no. 3. (2008) - Fujita, Masahisa, and Jacques-Francois Thisse. <i>Economics of Agglomeration. Cities, industrial location, and regional growth</i>. Cambridge University Press (2002): Chapter 1 and 5. - Hanna, Nagy K., ed. "Mastering digital transformation: Towards a smarter society, economy, city and nation." In <i>Mastering Digital Transformation: Towards a Smarter Society, Economy, City and Nation</i>, pp. i-xxvi. Emerald Group Publishing Limited, 2016. - Hodson, Mike, and Simon Marvin. "Can cities shape socio-technical transitions and how would we know if they were?" <i>Research Policy</i> 39, No. 4. (2010): 477-485.

Lecture	Topics	- Recommended readings for annotated bibliography (AB), Required readings are in bold,
		<ul style="list-style-type: none"> - Monstadt, Jochen. "Conceptualizing the political ecology of urban infrastructures: insights from technology and urban studies." <i>Environment and Planning A</i> 41, (2009): 1924-1942 - UNEP. <i>Towards a green economy: Pathways to Sustainable Development and poverty eradication.</i> (2011). - UNHABITAT. <i>Urban economic challenges and the New Urban Agenda.</i> (2015).
Lecture 11	Urban Economy: SDG 12	<ul style="list-style-type: none"> - Bowen, Alex, and Samuel Fankhauser. "The green growth narrative: Paradigm shift or just spin." <i>Global Environmental Change</i> 21. (2011): 1157-1159. - Coenen, Lars, Paul Benneworth, and Bernhard Truffer. "Toward a spatial perspective on sustainability transitions." <i>Research Policy</i> 41, no. 6. (2012): 968-979. - Cohen, Boyd, and Pablo Munoz. "Sharing cities and sustainable consumption and production: towards an integrated framework." <i>Journal of Cleaner Production</i> 134. (2016): 87-97. - Isenhour, Cindy, and Kuishuang Feng. "Decoupling and displaced emissions: on Swedish consumers, Chinese producers and policy to address the climate impact of consumption." <i>Journal of Cleaner Production</i> 134, Part A. (2016): 320-329. - Korhonen, Jouni, Antera Honkasalo, and Jyri Seppala. "Circular economy: the concept and its limitations." <i>Ecological Economics</i> 143, January (2018): 37-46. - Su, Biwei, Almas Hesmati, Yong Geng and Xiaoman YU. "A review of the circular economy in China: moving from rhetoric to implementation." <i>Journal of Cleaner Production</i> 42. (2013): 215-227.
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