

ULISBOA

ICS, IGOT, ISA

## CU Title: Development in Transition

### *Overview*

This curricular unit (CU) builds on the theory and core notions of economics and development offered in the CU 'Theories of Modernity and Development'. It introduces the idea of development in the 21<sup>st</sup> century against the backdrop of the Anthropocene, and thus of a series of crises and challenges that demand a fundamental questioning of the paradigm of endless growth. This CU builds bridges between economic theory and socio-ecological sustainability, by exploring the critical phenomenon of urbanisation, and engaging with processes of environmental, economic, and social development in urban environments around the world.

Cities are birthplaces of civilization, centres of culture, trade, and progress and, increasingly key sites of both opportunity and constraint for development. Though they occupy just over two percent of the Earth's crust, they are home to over 50 percent of the world's population. Large cities represent 70 percent of the world's GDP whilst together the world's cities account for 75 percent of energy consumption and up to 80 percent of global CO2 emissions. Cities, and their rural surrounding areas, will thus account for a significant part of the development story of the 21st century. In particular, metropolitan areas will continue to bear the brunt of global megatrends such as climate change, natural resource depletion, population growth, income inequality, mass migrations, and education and health disparities, among many others.

The CU on Development in Transition will help students to critically explore the nature of development challenges through the urban lens. It is structured around three modules that offer a range of disciplinary perspectives and understandings of development in urban environments, including their rural contexts:

- Module 1: Sustainable Transitions in the Anthropocene
- Module 2: Urban development, planning and governance
- Module 3: Ecological resources and urban/rural challenges

Each week includes two lectures. With few exceptions, lectures are coupled, so that frontal the initial lectures of 3 hours lays out the foundations of the week's theme, while the second lecture of 2 hours will adopt the format of a are followed by workshop lectures, during which the based on the collective discussion of the week's key readings (usually two) and concepts are collectively discussed.

**Module 1: Sustainable Transitions in the Anthropocene** will provide the students with the theoretical background to the curricular unit, by way of exploring the notions of progress, modernity, inequality and ecological unsustainability, and the challenges they pose in an era in which mankind and urbanisation are considered to have become a 'force of nature' – what many now refer to as the Anthropocene. The module examines these ideas within the theory and policy of development transitions, and discusses the relevance of UN urban policy discourses and of Sustainable Development Goals (SDGs). Finally, the module offers an overview of recent debates in urban theory, to provide key theoretical concepts useful to understand our current 'urban age'.

**Module 2: Urban development, planning and governance** provides a common understanding of the drivers of urban development framed by the challenges and opportunities of the Anthropocene. The module examines how and why changing economic structures, social interaction and institutions shape urban development framed by the climate change impacts and policies. Topics include: urban agglomeration and innovation; urban development and resilience; the potential of ordinary practices in the building of just urban governance; migrations and their impacts on urban territories; and the politics of development and planning.

**Module 3: Ecological resources and urban/rural challenges** focuses on the nexus between urban development and sustainable ecological development. On the one hand, the module discusses energy transitions and climate change adaptation; on the other, questions the urban and demographic growth phenomenon typical of many developing regions for its implications in rural areas and in their life styles. The challenge that modern civilization is facing is to move from an agriculture that has been able to provide the needs through an increase in cultivated areas, to a solution focused on increasing productivity in those areas. Meanwhile, the growing awareness of the importance of biodiversity and sustainability for the future of mankind, will force us to assume the valorization of those parameters on the strategies properly framed by appropriate public policies for a more equitable world.

## Assessment

One book review (2500 words), book chosen from the ‘core readings’ or ‘additional readings’ of the CU; and one essay (6000 words), critically assessing one theme chosen among those presented in the CU.

## Programme - Modules and themes:

5 hours per week, combining lectures and seminars; total duration: 13 weeks.

| Module  | Week | Hours | Title  | Main SDGs        | Lecturer(s)                             |
|---|------|-------|--|------------------|---|
| <b>1. Sustainable transitions in the Anthropocene</b>     | 1    | 3+2   | The <b>Anthropocene</b> , sustainability and SDGs                                      | 16, 17 (all)     | Olivia Bina                             |
|   | 2    | 3+2   | <b>Transitions and transformations:</b> theories for shaping the future                | 8 (all)          | Olivia Bina                             |
|   | 3    | 3+2   | <b>Urban age</b> , from theory to practice   | 10, 11           | Simone Tulumello and Mário Vale         |
| <b>2. Urban development, planning and governance</b>      | 4    | 3+2   | <b>Urban development:</b> sustainable transitions and innovations                      | 11, 12, 13       | Mário Vale and Margarida Queirós        |
|   | 5    | 3+2   | Urban development and <b>resilience</b>  | 9, 11            | Margarida Queirós                       |
|   | 6    | 3+2   | Practices of informality and participatory <b>governance</b> for <b>social justice</b> | 10, 11, 16       | Marco Allegra and Roberto Falanga       |
|   | 7    | 3+2   | Urban <b>population:</b> environmental causes and social consequences of migrations    | 1, 2, 11, 13, 15 | Jorge Malheiros and Jennifer McGarrigle |
|   | 8    | 3     | <b>Urban politics and planning:</b> the contested governance of development            | 11               | Andy Inch                               |
| <b>3. Ecological resources and urban/rural challenges</b> | 9    | 3+2   | <b>Energy transitions:</b> from global challenges to everyday life change              | 11, 12           | Ana Horta                               |
|   | 10   | 3+2   | Critical issues in climate <b>change adaptation 1</b>                                  | 11, 13           | João Mourato and Margarida Queirós      |
|   | 11   | 3+2   | <b>Food production</b> and environment   | 2, 13, 15        | Manuel Correia                          |
|   | 12   | 3+2   | <b>Ecosystem services</b> – evaluation of the environment benefits                     | 2, 13, 15        | Lima Santos                             |
|   | 13   | 3+2   | <b>Value chains and trade</b>  | 8, 12            | Luís Mira                               |

## Readings

### Module 1: Sustainable transitions in the Anthropocene

#### Week 1 – The Anthropocene

- [KEY READING] Dalby, S. (2015) Framing the Anthropocene: The good, the bad and the ugly, *The Anthropocene Review*, 3, 1, 33-51.
- [KEY READING] O'Neill, D. W., Fanning, A. L., Lamb, W. F. and Steinberger, J. K. (2018) A good life for all within planetary boundaries, *Nature Sustainability*, 1, 2, 88-95, 10.1038/s41893-018-0021-4.
- Lewis, S. L., Maslin, M. A. (2015). "Defining the Anthropocene", *Nature*, 519, 7542, 171-180
- Steffen, W., Broadgate, W., Deutsch, L., Gaffney, O. and Ludwig, C. (2015) The trajectory of the Anthropocene: The Great Acceleration, *The Anthropocene Review*, 2, 1, 81-98, 10.1177/2053019614564785.

#### Week 2 – Transitions and Transformations

- [KEY READING] Göpel, M. (2016) *The Great Mindshift. How a New Economic Paradigm and Sustainability Transformations go Hand in Hand*, Springer International Publishing.
- EEA (2016) *Sustainability transitions: Now for the long term*, European Environment Agency (EEA), European Environment Information and Observation Network (EIONET), Copenhagen.
- Lawhon, M. and Murphy, J. T. (2012) Socio-technical regimes and sustainability transitions Insights from political ecology, *Progress in Human Geography*, 36, 3, 354-378.
- Loorbach, D. A. and Lijnis Huffenreuter, R. (2013) Exploring the economic crisis from a transition management perspective, *Environmental Innovation and Societal Transitions*, 6, 0, 35-46.
- Markard, J., Raven, R. and Truffer, B. (2012) Sustainability transitions: An emerging field of research and its prospects, *Research Policy*, 41, 6, 955-967.

#### Week 3 – Urban age

- [KEY READING] Storper, M., & Scott, A. J. (2016). Current debates in urban theory: A critical assessment. *Urban Studies*, 0042098016634002.
- [KEY READING] Marcuse, P. (2009) Spatial justice: Derivative but causal of social injustice. *justice spatiale / spatial justice*, 1 [online]. [www.jssj.org/article/la-justice-spatiale-a-la-fois-resultante-et-cause-de-linjustice-sociale/](http://www.jssj.org/article/la-justice-spatiale-a-la-fois-resultante-et-cause-de-linjustice-sociale/).
- Brenner, N., & Schmid, C. (2014). The 'urban age' in question. *International Journal of Urban and Regional Research*, 38(3), 731-755.
- Davis, M. (2006) *Planet of Slums*. London: Verso.
- Rossi, U., Vanolo A. (2012 [2010]) *Urban Political Geographies. A Global Perspective*. London: Sage.
- Yiftachel, O (2009) Theoretical Notes on 'Gray Cities': The Coming of Urban Apartheid? *Planning Theory*, 8:1, 88-100.

### Module 2: Urban development, planning and governance

#### Week 4 – Urban development

- [KEY READING] Johan Schot & Frank W. Geels (2008): Strategic niche management and sustainable innovation journeys: theory, findings, research agenda, and policy, *Technology Analysis & Strategic Management*, 20:5, 537-554
- Bulkeley, H. et al., (eds.) 2010. *Cities and low carbon transitions*, Abingdon: Routledge.
- LeGates, R.T. & Stout, F., 2015. *The city reader* 6th ed., Abingdon: Routledge.
- Pike, A., Rodríguez-Pose, A., & Tomaney, J. (2014). Local and regional development in the Global North and South. *Progress in Development Studies*, 14(1), 21-30.
- Storper, M., 2013. *Keys to the city: how economics, institutions, social interaction, and politics shape development*, Princeton: Princeton University Press.

#### Week 5 – Urban development and resilience

- [KEY READING] Davoudi, S., Shaw, K., Haider, L. J., Quinlan, A. E., Peterson, G. D., Wilkinson, C., ... & Davoudi, S. (2012). Resilience: a bridging concept or a dead end? "Reframing" resilience: challenges for planning

theory and practice interacting traps: resilience assessment of a pasture management system in Northern Afghanistan urban resilience: what does it mean in planning practice? Resilience as a useful concept for climate change adaptation? The politics of resilience for planning: a cautionary note: edited by Simin Davoudi and Libby Porter. *Planning Theory & Practice*, 13(2), 299-333.

Newman, P., Beatley, T., & Boyer, H. (2009). *Resilient cities: responding to peak oil and climate change*. Island Press.

Pizzo, B. (2015). Problematizing resilience: Implications for planning theory and practice. *Cities*, 43, 133-140.

### **Week 6 - Participatory governance for social justice**

[KEY READING] Nicolini, D. (2013). Practice theory, work, and organization: An introduction: Oxford University Press, chapter 1 (pp. 1-22).

[KEY READING] Wagenaar, H. (2004). "Knowing" the rules: administrative work as practice. *Public administration review*, 64, pp. 643-656.

Arnstein, Sherry. 1971. "A ladder of citizen participation." *Journal of the Royal Town Planning Institute* 57(1), 176-182.

Bayat, Asef. 2013. *Life as Politics: How Ordinary People Change the Middle East*. Second ed. Stanford (CA): Stanford University Press.

Fung, Archon. 2006. "Varieties of Participation in Complex Governance". *Public Administration Review* 1, 66-75.

Griggs, Steven, Aletta J. Norval, and Hendrik Wagenaar. 2014. *Practices of Freedom: Decentred Governance, Conflict and Democratic Participation*: Cambridge University Press.

Holston, James. 2008. *Insurgent Citizenship: Disjunctions of Democracy and Modernity in Brazil*: Princeton University Press.

Smith, Graham. 2009. *Democratic Innovations. Designing Institutions for Citizen Participation*. Cambridge: Cambridge University Press

### **Week 7 – Urban population**

[KEY READING] Findlay, A. (2011) Migrant destinations in an era of environmental change, *Global Environmental Change*, 21(1): 50-58 <https://doi.org/10.1016/j.gloenvcha.2011.09.004>.

[KEY READING] Sassen, S. (2016) A Massive Loss of Habitat: New Drivers for Migration, *Sociology of Development*, 2 (2): 204-233.

Bakewell, O. & Landau, L., B. (Eds.) (2016) *Forging African Communities: Mobility, Integration and Belonging*. Palgrave Macmillan.

Landau, L.B. & Freemantle, I. (2016) Beggaring belonging in Africa's no-man's lands: diversity, usufruct and the ethics of accommodation, *Journal of Ethnic and Migration Studies*, 42(6): 933-951.

Akim Mabogunje - *Systems Approach to a Theory of Rural-Urban Migration* (a classic).

Alassane Drabo and Linguère Mously Mbaye - *Climate Change, Natural Disasters and Migration: An Empirical Analysis in Developing Countries* (IZA DP No. 5927)

Sassen, S. (2014) *Expulsions. Brutality and Complexity in the Global Economy*. Harvard University Press.

### **Week 8 - Urban politics and planning**

[KEY READING] Klosterman, R. E. (1985) Arguments for and against planning, *Town Planning Review*, 56: 5-20

[KEY READING] Kaika, M. (2017) Don't call me resilient again!': the New Urban Agenda as immunology ... or ... what happens when communities refuse to be vaccinated with 'smart cities' and indicators, *Environment and Urbanization*, 29(1), 89-102

Davidson, M. and Martin, D. (2013) *Urban Politics: critical approaches*, London Sage

Davies, J. and Imbroscio, D. (2009) *Theories of Urban Politics*, London, Sage.

Fainstein, S. (2000) New Directions in Planning Theory, *Urban Affairs Review*, 35 (4), 451-478

Hall, P (2002) *Cities of Tomorrow: an intellectual history of urban planning and design in the 20<sup>th</sup> Century*, Oxford, Blackwell

Harvey, D. (1989) "From managerialism to entrepreneurialism: The transformation in urban governance in late capitalism", *Geografiska Annaler: Series B Human Geography*, 71: 3-17

Harvey, D. (2003) *Rebel Cities: From the Right to the City to the Urban Revolution*, London, Verso

Hayek, F. A. (1944) *The Road to Serfdom*, Routledge, London

- MacLeod D (2011) Urban Politics Reconsidered: Growth Machine to Post-democratic City? *Urban Studies*, 48 (12), 2629–2660.
- Moulaert, F., Rodriguez, A. and Swyngedouw, E. (2003) *The Globalized City: Economic Restructuring and Social Polarization in European Cities*, Oxford, Oxford University Press.
- Roy, A. (2005) Urban Informality: Towards an epistemology of planning, *Journal of the American Planning Association*, 71 (2), 147-158.
- Sandercock, L. (1998) *Towards Cosmopolis*, Chichester, Wiley.
- Scott, J.C. (1998) *Seeing Like a State: How certain schemes to improve the human condition have failed*, New Haven CT, Yale University Press.

### **Module 3: Ecological resources and urban/rural challenges**

#### **Week 9 – Energy transitions**

- [KEY READING] Davidson, D., Gross, M. (2018) A time of change, a time for change: Energy-society relations in the twenty-first century. In D. Davidson, M. Gross (Eds.) *The Oxford Handbook of Energy and Society*, New York: Oxford University Press: 1-12.
- Shove, E., Watson, M., Spurling, N. (2015) Conceptualizing connections: Energy demand, infrastructures and social practices. *European Journal of Social Theory*, 18(3): 274-287.
- Southerton, D., Warde, A., Hand, M. (2004) The limited autonomy of the consumer: implications for sustainable consumption. In D. Southerton, H. Chappells, B. van Vliet (eds.) *Sustainable consumption: Implications of Changing Infrastructures of Provision*. Manchester: Edward Elgar.
- Strengers, Y. (2013) *Smart Energy Technologies in Everyday Life. Smart Utopia?* New York: Palgrave Macmillan.

#### **Week 10 - Climate change adaptation**

- [KEY READING] Mann, G. and J. Wainwright. 2018. *Climate Leviathan: a political theory of our planetary future*. London: Verso.
- [KEY READING] Ostrom, E. *Governing the Commons: The Evolution of Institutions for Collective Action* (Cambridge Univ. Press, 1990).
- Adger, W. Neil, et al. (2009) "Are there social limits to adaptation to climate change?." *Climatic change* 93.3, pp. 335-354.
- Andersson, J. and Westholm, E. (2018) Closing the Future: Environmental Research and the Management of Conflicting Future Value Orders, *Science, Technology and Human Values*, 1-26.
- Huitema, Dave, William Neil Adger, Frans Berkhout, Eric Massey, Daniel Mazmanian, Stefania Munaretto, Ryan Plummer, and Catrien C. J. A. M. Termeer. (2016) "The Governance of Adaptation: Choices, Reasons, and Effects. Introduction to the Special Feature." *Ecology and Society* 21, no. 3
- Knieling, J. and Leal Filho, W. (2013). *Climate change governance*. 1st ed. Berlin: Springer.

#### **Week 11 – Food production and environment**

- [KEY READING] Laborde Debucquet, David; Lallemand, Tess; McDougal, Kieran; Smaller, Carin; and Traore, Fousseini. 2018. Transforming agriculture in Africa & Asia: What are the policy priorities? International Institute for Sustainable Development (IISD). <https://www.iisd.org/library/transforming-agriculture-africa-asia-what-are-policy-priorities>
- [KEY READING] IFPRI (2018) C2025 - Accelerating the end of hunger and under nutrition. <https://www.ifpri.org/publication/compact-2025-accelerating-end-hunger-and-undernutrition>
- [KEY READING] IFPRI (2018) Urban Food systems for better diets, nutrition and health. <https://www.ifpri.org/publication/urban-food-systems-better-diets-nutrition-and-health>.
- STUART GILLESPIE, JUDITH HODGE, SIVAN YOSEF, AND RAJUL PANDYA-LORCH (eds) (2016) *Nourishing Millions. Stories of Change in Nutrition*. Washington: IFPRI.

#### **Week 12 – Ecosystem services [KEY READINGS to be confirmed]**

- Bateman IJ, Carson RT, Day B, Hanemann WM, Hanley N, Hett T, Jones-Lee M, Loomes G, Mourato S, Özdemiroğlu E, Pearce DW, Sugden R, and Swanson J (2002). *Economic valuation with stated preference techniques: a manual*. Edward Elgar Publishing, Cheltenham.

Fisher B., Turner R.K., Zylstra M., Brower R., De Groot R., Farber S., Ferraro P., Green R., Hadley D., Harlow J., Jefferiss P., Kirkbly C., Morling, P., Mowatt, S., Naidoo R., Paavola J., Straaburg I. Bateman J., Yu D., Balmford A., (2008). Ecosystem services and economic theory: integration for policy-relevant research. *Ecological Applications* 18(8): 2050 – 2067.

Ward, F. A., & Beal, D. J. (2000). *Valuing nature with travel cost models: A manual*. Cheltenham: Edward Elgar.

### **Week 13 – Value chains and trade**

[KEY READING] Agricultural Value Chains in Developing Countries A Framework for Analysis.

<http://edepot.wur.nl/189057>

[KEY READING] Value Chains Analysis for Development (VCA4D) [http://agrinatura-eu.eu/wp-](http://agrinatura-eu.eu/wp-content/uploads/2015/03/VCA-4-pager-English-1.pdf)

[content/uploads/2015/03/VCA-4-pager-English-1.pdf](http://agrinatura-eu.eu/wp-content/uploads/2015/03/VCA-4-pager-English-1.pdf)

Donovan, J., Cunha, M., Franzel, S., Gyau, A. & Mithofer, D. 2013 – Guides for value chain development – a comparative review, CTA & World Agroforestry Centre, Wageningen, The Netherlands.

KIT, Faida MaLi and IIRR (2006) Chain Empowerment. Supporting African farmers to develop markets. Royal Tropical Institute, Amsterdam; Faida Market Link, Arusha, and international Institute of Rural Reconstruction, Nairobi (reprinted in 2012).