

Sustainable Urban Development: International Perspectives

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SYLLABUS

Theme 1. CITIES AND SUSTAINABILITY

Session 1, Jan. 21 Introduction and Overview

Session 2, Jan. 23 Sustainability and the Crises of Urban Development

- o The World Commission on Environment and Development (Brundtland Commission). "From One Earth to One World," and "The Urban Challenge." In *Our Common Future*. New York: Oxford University Press, 1987, pp. 1-26, and 235-260.
- o UN-Habitat. "Cross Currents in Global Urbanization." In *State of the World's Cities 2010-2011: Bridging the Urban Divide*. London; Sterling, VA: Earthscan, 2010, pp. 4-17.
- o United Nations Resolution, A/RES/66/288. Rio+20 document, *The Future We Want*. UN, 2012.
- o Ramin Keivani. "Introduction: A Review of the Main Challenges to Urban Sustainability." In the *International Journal of Urban Sustainable Development*, vol.1, nos.1-2, May-November 2009, pp. 5-16.

Recommended:

- o William Reese. "Smaller Feet for Bigger Cities." In International Institute for the Urban Environment (eds.), *The Ecological Footprint of Cities*. The International Institute for the Urban Environment, Amsterdam, 1997.
- o Mathis Wackernagel, et.al. "The Ecological Footprint of Cities and Regions: Comparing Resource Availability with Resource Demand." In *Environment and Urbanization*, Vol. 18 no. 103, April 2006.

Theme 2. SUSTAINABILITY, NATURE, AND HINTERLAND

Session 3, Jan. 28 City, Hinterland, and Nature

- o Ann Whiston Spirn. "City and Nature." In *The Granite Garden: Urban Nature and Human Design*. New York: Basic Books, 1985, pp.1-35.
- o Robert Fishman. "Broadacre City." In *Urban Utopias in the Twentieth Century*. Cambridge, MA: MIT Press, 1982, pp. 122-134.
- o Jyoti Hosagrahar. "Beyond the Walls: Commerce and Urban Expansion." In *Indigenous Modernities: Negotiating Architecture and Urbanism*. London, New York: Routledge, 2005, pp. 115-142.
- o William Cronon. "Annihilating Space: Meat." In *Nature's Metropolis: Chicago and the Great West*. New York: W. W. Norton, 1992, pp. 207-261.

Recommended:

- o Ian McHarg. "Nature in the Metropolis." In *Design With Nature*. Garden City: Natural History Press, 1969, pp. 55-77.
- o Wong, Chong Thai Bobby. "The Tropical City: Slippages in the Midst of Ideological Construction." In *Beyond Description: Singapore Space Historicity*, edited by Ryan Bishop, John Phillips and Wei-Wei Yeo. London: Routledge, 2004, pp. 165-75.

Theme 2. SUSTAINABILITY, CULTURE, AND GLOBALIZATION

Session 4, Jan. 30 Fragmented Geographies and Social Difference

- o Mike Davis. "The Latino Metropolis," and "Transnational Suburbs" from *Magical Urbanism: Latinos Reinvent the Big US City*. London: Verso, 2001, pp. 39-49 and 77-90.
- o Jyoti Hosagrahar. "Introduction," and "Recovering an Urban Past." *Indigenous Modernities: Negotiating Architecture and Urbanism*. London, New York: 2005, pp. 1-13, and 181-191.
- o UN Human Settlements Programme. "Impacts of Globalization on Cities," and "Cultural Strategies for Urban Development." In *The State of the World's Cities 2004/2005: Globalization and Urban Culture*. London, Sterling VA: Earthscan, 2004, pp. 9-30, and 31-48.
- o Fulong Wu. "Globalization, Place Promotion and Urban Development in Shanghai." In *Journal of Urban Affairs*, vol. 25, no. 1, Spring 2003, pp. 55-78.

Recommended:

- o Saskia Sassen. "Cities in Today's Global Age." In the *SAIS Review of International Affairs*, vol.29, no.1, Winter-Spring 2009, pp.3-34.

Session 5, Feb. 4 Sustainability, Heritage, and Identity

- o Peggy Teo. "Limits of Imagineering: A Case Study of Penang." In *International Journal of Urban and Regional Research*. Vol. 27, no. 3, September 2003, pp. 545-563.
- o Graeme Evans. "Hard-Branding the Cultural City – from Prado to Prada." In *International Journal of Urban and Regional Research*, vol. 27, no. 2, June 2003, pp. 417-40.
- o UNESCO (Jyoti Hosagrahar). *The Power of Culture for Development*. Paris: UNESCO, 2010.
- o Andrea Colantonio and Tim Dixon. "Public Private Partnerships and Emerging Urban Regeneration Delivery Vehicles." In *Urban Regeneration and Social Sustainability: Best Practices from European Cities*. London: Wiley-Blackwell, 2011.

Recommended:

- o Mechtild Rossler (ed.). *Linking Universal and Local Values: Managing a Sustainable Future for World Heritage*. UNESCO, World Heritage Center. Paper Series, no. 13, 2004.
- o Chris Wilson. "Restoration is the Most Total Destruction." In *The Myth of Santa Fe: Creating a modern regional tradition*. Albuquerque : University of New Mexico, 1997, pp. 232-273.
- o Brenda S. A. Yeoh and Shirlena Huang. "The Conservation—Redevelopment Dilemma in Singapore: The Case of the Kampong Glam Historic District." In *Cities*, vol. 13, no. 6, pp. 411-422, 1996.
- o Marie Noel Tournoux(ed.). *Partnerships for World Heritage Cities: Culture as a Vector for Sustainable Urban Development*. World Heritage Paper Series # 9. Paris: UNESCO World Heritage Center, 2002, pp.51-69.

Theme 3. SUSTAINABILITY AND URBAN INFRASTRUCTURE

Session 6, Feb. 6 Transportation and Landuse

- o "Urban Sustainability: Mixed-use or Mixed Messages?" In *Designing Sustainable Cities* edited by Rachel Cooper, Graeme Evans, Christopher Boyko. West Sussex, UK: Wiley Blackwell, 2009, pp. 187-198.
- o Dominique Gauzin-Mueller. "Urbanism and Sustainable Development." In *Sustainable Architecture and Urbanism*. Basel: Birkhäuser; London: Momena, 2002, pp. 32-89.
- o Mamadou Lamine Ndiaye. "Urban Agriculture in Dakar, Senegal: Health Aspects Related to Polluted Irrigation Water." In *Sustainable Cities: Local Solutions in the Global South* edited by Melanie Roberts. Ottawa: International Development Research Center, 2012, pp. 33-46.
- o Peter Calthorpe. Selections from *Urbanism in the Age of Climate Change*. Washington, D.C.: Island Press, 2010.

Recommended:

- Aaron Golub and Jason Henderson. "The Greening of Mobility in San Francisco." In *Sustainability in America's Cities: Creating the Green Metropolis*. Washington, DC: Island Press, 2011.

READING RESPONSE DUE**Session 7, Feb 11 Urban Greening and Green Building**

- o Timothy Beatley. "Biophilic Urban Design and Planning." In *Biophilic Cities: Integrating Nature into Urban Design and Planning*. Washington, D.C.: Island Press, 2011, pp. 83-130.
- o Nannan Dong, Lang Zhang, and Stephanie Ruff. "From Expo City to Sustainable City: from 1 May to 31 October 2010 the World Expo will be held in Shanghai - with the motto 'Better City, Better Life' the central theme of cities has been chosen for an Expo for the first time. With insets on three new greenspaces: Shibo Park, Houtan Park and Jiangnan Plaza and Park." In *Topos: the International Review of Landscape Architecture and Urban Design*, no. 70, 2010, pp. 18-27.
- o Rutherford H. Platt. "Regreening the Metropolis: Pathways to more Ecological Cities." In *Annals of the New York Academy of Sciences*, vol.1023, 2004, pp. 49-61.
- o Antoinette M. G. A. WinklerPrins and Perpetuo S. de Souza. "Surviving the City: Urban Home Gardens and the Economy of Affection in the Brazilian Amazon." In *Journal of Latin American Geography*, vol. 4, no. 1, 2005, pp. 107-126.

Recommended:

- o Aurore Julien. "Assessing the assessor: BREEAM vs. LEED." In *Sustain*, vol. 09 Issue 06, 2008, p. 30-33.
- o Rebecca Retzlaff. "Developing policies for green buildings: what can the United States learn from the Netherlands?" In *Sustainability: Science, Practice, & Policy*, Volume 6, Number1, Spring 2010.
- o White House Plans.
- o C. Y. Jim and Sophia S. Chen. "Comprehensive greenspace planning based on landscape ecology principles in compact Nanjing City, China." *Landscape and Urban Planning*. Vol. 65, no. 3, October 2003, pp. 95-116.

Session 8, Feb 13 Water, Sanitation, and Health

- o Raquel Pinderhughes. "Urban Water Quality, Supply, and Management." In *Alternative Urban Futures: Planning for Sustainable Development Throughout the World*. Oxford: Rowman and Littlefield, 2004, pp. 15-52.
- o Roberto Lenton, Albert Wright, and Kristen Lewis. "Achieving the Millennium Development Goals." In *Health, Dignity, and Development: What Will it Take? UN Millennium Project Task Force on Water and Sanitation*, 2005. London: Earthscan 2005.
- o Jyoti Hosagrahar. "Landscapes of Water in Delhi: Negotiating Global Norms and Local Cultures." In *Megacities, Sustainability, and Urban Form* edited by Junichiro Okata and Andre Sorensen. Forthcoming, 2011.

Recommended Reading:

WaterAid, *Urbanisation and Water*. November 2006.

Session 9, Feb 18 Energy, Solid Waste, and Cultures of Consumption

- o Timothy Beatley. "Envisioning Solar Cities: Urban futures powered by sustainable energy." In the *Journal of Urban Technology*, vol. 14, no.2, August 2007, pp. 31-46.
- o Sascha N. M. Van Rooijen and Mark T. Van Wees. "Green Electricity Policies in the Netherlands: An Analysis of Policy Decisions." In *Energy Policy*, vol. 34, January 2006, pp. 60-71.

- o Michael Ornetzeder, and Harald Rohrer. "User-led Innovations and Participation Processes: Lessons from Sustainable Energy technologies." In *Energy Policy*, vol. 34, January 2006, pp. 138-150.
- o Abel Afon. "Informal sector initiative in the primary sub-system of urban solid waste management in Lagos, Nigeria." In *Habitat International*, Vol. 31, 2007, pp. 193-204.

Recommended

- o Isa Baud, et.al. "Quality of Life and Alliances in Solid Waste Management: Contributions to Urban Sustainable Development." In *Cities*, vol. 18, no. 1, 2001, pp. 3-12.

Theme 4. SUSTAINABILITY, CLIMATE CHANGE, AND DISASTERS

Session 10, Feb 20 Disasters, Resilience, and Planning

- o UNDP. "Capacity Building: Empowering the Communities, Making them Independent!" In *Good Practices in Community Based Disaster Management*. Government of India-UNDP Disaster Risk Management Programme (2002-2009). New Delhi: UNDP, 2010, pp. 13-21.
- o Diane E. Davis. "Reverberations: Mexico City's 1985 Earthquake and the Transformation of the Capital." In Lawrence Vale and Thomas J. Campanella, *The Resilient City: How Modern Cities Recover from Disaster*. New York: Oxford, 2005, pp.255-280.
- o Greg Bankoff. "Constructing Vulnerability: The Historical, Natural and Social Generation of Flooding in Metropolitan Manila." In *Disasters*, vol. 27, no. 3, September 2003, pp. 224-238.
- o Margaret Arnold, et. al. (Eds.). *Natural Disaster Hotspots: Case Studies*. Disaster Risk Management Series, no. 6. Washington, D.C.: World Bank, 2006.

Recommended:

- o Sengezer, B. and Koç, E. (2005), "A Critical Analysis of Earthquakes and Urban Planning in Turkey." *Disasters*, Vol. 29, no 2, pp. 171-194
- o Mark Pelling (ed.). Cities as Sites of Disaster," and "Action for Safer Cities." In *The Vulnerability of Cities: Natural Disasters and Social Resilience*. Sterling, VA: Earthscan Publications, 2003, pp.19-44, 163-184.

Session 11, Feb 25 Climate Risks and Urban Development

- o Shiv Someshwar. "Adaptation as 'Climate-Smart' Development." In *Development*, vol. 51, no. 3, pp. 366-374, 2008.
- o Carlo Aall, Kyrre Groven, et al."The Scope of Action for Local Climate Policy: The Case of Norway." In *Global Environmental Politics*, Vol. 7, no. 2, May 2007.
- o Cynthia Rosenzweig and William Solecki. "Introduction to Climate Change Adaptation in New York City: Building a Risk Management Response." In *Annals of the New York Academy of Science*, vol. 1196, 2010, pp. 13-17.
- o The World Bank. *Cities and Climate Change: An Urgent Agenda*. Volume 10. Washington, D.C.: the World Bank, 2010.
- o World Bank. "Tokyo Emissions Trading System: A Case Study." *Directions in Urban Development*. Washington, D.C.: the World Bank, 2010.

Recommended:

- o Pierre Mukheibir and Gina Ziervogel, "Developing a Municipal Adaptation Plan (MAP) for climate change: the city of Cape Town," *Environment and Urbanization*, vol. 19, 2007, pp. 143-158.
- o Cynthia Rosenzweig, et al. Climate Change and Cities: First Assessment Report of the Urban Climate Change Research Network. Cambridge; New York: Cambridge University Press, 2011.
- o The World Bank. *North African Coastal Cities Address Natural Disasters and Climate Change: Summary of the Regional Study*. Washington, D.C.: the World Bank, 2011.

Theme 5. SUSTAINABILITY, HOUSING, AND EQUITY

Session 12, Feb 27 Community Participation and Housing Processes

- o UN-Habitat. "Urban Divide: Divided Spaces and Opportunities" In *State of the World's Cities 2010-2011: Bridging the Urban Divide*. London; Sterling, VA: Earthscan, 2010, pp. 52-59.
- o Lea Jellinek. "Jakarta, Indonesia. Kampung Culture or Consumer Culture?" In Nicholas Low, et al.(eds.), *Consuming Cities: the Urban Environment in the Global Economy after the Rio Declaration*. London; New York : Routledge, 2000.
- o Somsook Boonyabancha. "Ban Mankong: Going to Scale with "Slum" and Squatter Upgrading in Thailand." *Environment and Urbanization*, vol. 17,no. 1, April 2005, pp. 21-46.
- o David Satterthwaite. "The Millenium Development Goals and Urban Poverty Reduction: Great Expectations and Nonsense Statistics." In *Environment and Urbanization*, vol. 15, no.2, October 2003, pp. 181-190.

Recommended:

- o Asian Coalition for Housing Rights (ACHR). *A conversation about Upgrading at Bang Bua (ACHR Report)*. Bangkok, Thailand, December 2008.

Session 13, March 4 Equity, Gender, and the Urban Environment

- o Sundar Burra, Patel, S. and Kerr, T. "Community Designed, Built and Managed Toilet Blocks in Indian Cities." In *Environment and Urbanization*, vol. 15, no. 2, 2003, pp. 11-32.
- o Meera Bapat and Indu Aggarwal. "Our Needs and Our Priorities: Women and Men from Slums in Mumbai and Pune Talk about Their Needs for Water and Sanitation." In *Environment and Urbanization*, vol. 15, no. 2, October 2003.
- o Miguel Lacabana, and Celilia Cariola. "Globalization and Metropolitan Expansion: Residential Strategies and Livelihoods in Caracas and its Periphery." In *Environment and Urbanization*, vol. 15, no. 1, April 2003, pp. 65-74.
- o Harald Leisch. "Gated Communities in Indonesia." *Cities*, vol. 19, no. 5, 2002, pp. 341-350.

Recommended:

- o Varady, D. P., Raffel, J. A., Sweeney, S. and Denson, L., Attracting Middle-Income Families in the Hope VI Public Housing Revitalization Program. *Journal of Urban Affairs*, vol.27, No 2, 2005, pp.149-164.
- o Castells, M., Local and Global: Cities in the Network Society. *Royal Dutch Geographical Society*, Vol 93, No5, December 2002, pp. 548-558.

Session 14, March 6 CITY STRATEGY PRESENTATION