

17.559/17.560

Comparative Security and Sustainability

READINGS

The following books are used in the course. Not all books are read in their entirety; in these instances, the percentage of the book that is read is indicated. Readings are also listed by session.

REQUIRED BOOKS

Ostrom, Elinor. *Governing the Commons: The Evolution of Institutions for Collective Action*. New York, NY: Cambridge University Press, 1990. ISBN: 9780521405997. (40%)

Becker, Egon, and Thomas Jahn, eds. *Sustainability and the Social Sciences: A Cross-disciplinary Approach to Integrating Environmental Considerations into Theoretical Reorientation*. London, UK: Zed Books, 2000. ISBN: 9781856497091. (30%)

Tainter, Joseph A. *The Collapse of Complex Societies*. New York, NY: Cambridge University Press, 1988. ISBN: 9780521340922.

Brawley, Mark R. *The Politics of Globalization*. Orchard Park, NY: The Broadview Press, 2002. ISBN: 9781551112800.

Clark, Ian. *Globalization and International Relations Theory*. New York, NY: Oxford University Press, 1999. ISBN: 9780198782100.

Weiner, Myron, and Sharon Stanton Russell, eds. *Demography and National Security*. New York, NY: Berghahn Books, 2002. ISBN: 9781571812629.

READINGS BY WEEKLY SESSION

WEEK # TOPICS

READINGS

Part I: Framework and Approach

1	Introduction	<p>Choucri, Nazli, and Robert C. North. "Growth, Development, and Environmental Sustainability: Profile and Paradox." Chapter 3 in <i>Global Accord: Environmental Challenges and International Responses</i>. Edited by Nazli Choucri. Cambridge, MA: MIT Press, 1995. ISBN: 9780262531344.</p> <p>Jervis, Robert. "Realism in the Study of World Politics." In <i>Exploration and Contestation in the Study of World Politics</i>. Edited by Peter J. Katzenstein, Robert O. Keohane, and Stephen D. Krasner. Cambridge, MA: MIT Press, 1999, pp. 331-351. ISBN: 9780262611442.</p> <p>Hardin, Garrett. "The Tragedy of the Commons." In <i>Economics of the Environment: Selected Readings</i>. 3rd ed. Edited by Robert Dorfman and Nancy S. Dorfman. New York, NY: W.W. Norton & Company, 1993, pp. 5-19. ISBN: 9780393963106.</p> <p>Clark, Ian. <i>Globalization and International Relations Theory</i>. New York, NY: Oxford University Press, 1999. ISBN: 9780198782100.</p> <p>Solow, Robert M. "Sustainability: An Economist's Perspective." In <i>Economics of the Environment: Selected Readings</i>. 3rd ed. Edited by Robert Dorfman and Nancy S. Dorfman. New York, NY: W.W. Norton & Company, 1993, pp. 179-187. ISBN: 9780393963106.</p>
2	Concepts and Theories	<p>Goodland, Robert, and George Ledec. "Neoclassical Economics and Principles of Sustainable Development." <i>Ecological Modeling</i> 38 (1987): 19-46.</p> <p>Gowdy, John. "Economic concepts of Sustainability: Relocating Economic Activity within Society and Environment." Chapter 9 in <i>Sustainability and the Social Sciences: A Cross-Disciplinary Approach to Integrating Environmental Considerations into Theoretical Reorientation</i>. Edited by Egon Becker and Thomas Jahn. London, UK: Zed Books, 2000. ISBN: 9781856497091.</p> <p>Wikboldt, A. K., and N. Choucri. "Profiles of States as Fuzzy Sets: Methodological Refinement of Lateral Pressure Theory." <i>International Interactions</i> 32 (2006): 1-29.</p>

WEEK # TOPICS**READINGS**

- 3 Modes of (in)security and (un)sustainability
- Holdren, John P., Gretchen C. Daily, and Paul R. Ehrlich. "The Meaning of Sustainability: Biogeophysical Aspects." In *Defining and Measuring Sustainability: The Biogeophysical Foundations*. Edited by Mohan Munasinghe and Walter Shearer. Washington, DC: The World Bank, 1995, pp. 3-17. ISBN: 9780821331347.
- Becker, Egon, and Thomas Jahn, eds. *Sustainability and the Social Sciences: A Cross-disciplinary Approach to Integrating Environmental Considerations into Theoretical Reorientation*. London, UK: Zed Books, 2000. ISBN: 9781856497091.
- Sassen, Saskia. *Globalization and its Discontents: Essays on New Mobility of People and Money*. New York, NY: The New Press, 1998, Introduction, pp. XIX-XXXVI. ISBN: 9781565843950.
- Kratochwil, Friedrich. "Of Systems, Boundaries, and Territoriality." *World Politics* 39, no. 1 (1986): 27-52.
- Litfin, Karen T. "The Greening of Sovereignty: An Introduction." In *The Greening of Sovereignty in World Politics*. Edited by Karen T. Litfin. Cambridge, MA: MIT Press, 1998, pp. 1-27. ISBN: 9780262621236.
- 4 Local Conditions and Global Dilemmas
- Kuehls, Thom. "Between Sovereignty and Environment: An Exploration of the Discourse of Government." In *The Greening of Sovereignty in World Politics*. Edited by Karen T. Litfin. Cambridge, MA: MIT Press, 1998, pp. 31-53. ISBN: 9780262621236.
- Wapner, Paul. "Reorienting State Sovereignty: Rights and Responsibilities in the Environmental Age." In *The Greening of Sovereignty in World Politics*. Edited by Karen T. Litfin. Cambridge, MA: MIT Press, 1998, pp. 275-297. ISBN: 9780262621236.
- Part II: Cases and Comparisons**
- 5 When People Move or Boundaries Shift
- Weiner, Myron, and Sharon Stanton Russell. *Demography and National Security*. New York, NY: Berghahn Books, 2002. ISBN: 9781571812629.

WEEK # TOPICS**READINGS**

Massey, Douglas S., Joaquin Arango, Graeme Hugo, Ali Kouaouci, Adela Pellegrino, and J. Edward Taylor. "Theories of International Migration: A Review and Appraisal." *Population and Development Review* 19, no. 3 (September 1993): 431-466.

Choucri, Nazli. "Migration and Security: Some Key Linkages." *Journal of International Affairs* 56, no. 1 (Fall 2002): 97-124.

— — —. "Cross-Border Movements of Populations in a 'Fair Globalization'." *Development* 48, no. 1 (2005): 44-51.

Hardin, Garrett. "The Tragedy of the Commons." In *Economics of the Environment: Selected Readings*. 3rd ed. Edited by Robert Dorfman and Nancy S. Dorfman. New York, NY: W.W. Norton and Company, 1993, pp. 5-19. ISBN: 9780393963106.

Ostrom, Elinor. "New Horizons in Institutional Analysis." *American Political Science Review* 89, no. 1 (1995): 174-178.

6 When Resources are
"Scarce"

Choucri, Nazli. "Resource Constraints as Causes of Conflict." *Ecodecision*(September 1991): 52-55.

Pezzey, John C. V., and Michael A. Toman. "Progress and Problems in the Economics of Sustainability." Chapter 4 in *The International Yearbook of Environmental and Resource Economics 2002/2003: A Survey of Current Issues* . Edited by Tom Tietenberg and Henk Folmer. Cheltenham, UK: Edward Elgar, 2002. ISBN: 9781840649499.

Victor, David G., Abram Chayes, and Eugene B. Skolnikoff. "Pragmatic Approaches to Regime Building for Complex International Problems." In *Global Accord: Environmental Challenges and International Responses*. Edited by Nazli Choucri. Cambridge, MA: MIT Press, 1995, pp. 453-74. ISBN: 9780262531344.

7 When Environments
"Strain"

Simpson, R. David. "Economic Analysis and Ecosystems: Some Concepts and Issues." Chapter 25 in *Economics of the Environment: Selected Readings* . 5th ed. Edited by Robert N. Stavins. New York, NY: W. W. Norton & Company, 2005. ISBN: 9780393927016.

WEEK # TOPICS**READINGS**

- Lofdahl, Corey L. *Environmental Impacts of Globalization and Trade: A Systems Study*. Cambridge, MA: MIT Press, 2002, chapter 5. ISBN: 9780262122450.
- Tainter, Joseph A. *The Collapse of Complex Societies*. New York, NY: Cambridge University Press, 1988. ISBN: 9780521340922.
- Banister, Judith. "Impacts of Migration to China's Border Regions." In *Demography and National Security*. Edited by Myron Weiner and Sharon Stanton Russell. New York, NY: Berghahn Books, 2002, pp. 256-304. ISBN: 9781571812629.
- 8 When Regimes Fail or States Collapse Goldstone, Jack A. "Demography, Environment, and Security: An Overview." In *Demography and National Security*. Edited by Myron Weiner and Sharon Stanton Russell. New York, NY: Berghahn Books, 2002, pp. 38-61. ISBN: 9781571812629.
- Choucri, Nazli, and Robert C. North. "Population and (In)Security: National Perspectives and Global Imperatives." In *Building a New Global Order: Emerging Trends in International Security*. Edited by David B. Dewitt, David Haglund, and John Kirton. New York, NY: Oxford University Press, 1994, pp. 229-56. ISBN: 9780195409642.
- Jacobsen, Karen, and Steven Wilkinson. "Refugee movements as Security Threats in Sub-Saharan Africa." In *International Migration and Security*. Edited by Myron Weiner. San Francisco, CA: Westview Press, 1993, pp. 201-228. ISBN: 9780813387741.
- 9 When Wars Happen Brawley, Mark R. *The Politics of Globalization*. Orchard Park, NY: The Broadview Press, 2002. ISBN: 9781551112800.
- Choucri, N., S. Madnick, and M. Siegel. "Improving National and Homeland Security through Context Knowledge Representation Technologies." In *Emergent Information Technologies and Enabling Policies for Counter Terrorism (IEEE Press Series on Computational Intelligence)*. Edited by Robert L. Popp and John Yen. Hoboken, NJ: John Wiley & Sons, 2006, pp. 139-164. ISBN: 9780471776154.

Part III: Implications and Inferences

WEEK # TOPICS**READINGS**

10	Technology Imperatives	<p>Durch, William J. "Keepers of the Gates: National Militaries in an Age of International Population Movement." In <i>Demography and National Security</i>. Edited by Myron Weiner and Sharon Stanton Russell. New York, NY: Berghahn Books, 2002, pp. 109-153. ISBN: 9781571812629.</p> <p>Holdren, John P., and R. K. Pachauri. "Energy." In <i>An Agenda of Science for Environment and Development into the 21st Century: Based on a Conference Held in Vienna, Austria in November 1991</i>. Edited by James Dooge, Maureen Brennan, and the International Council of Scientific Unions. New York, NY: Cambridge University Press, 1992, pp. 103-118. ISBN: 9780521437615.</p> <p>Landes, David S. "Homo Faber, Homo Sapiens: Knowledge, Technology, Growth, and Development." Chapter 5 in <i>The Knowledge Economy</i>. Edited by Dale Neef. Boston, MA: Butterworth-Heinemann, 1997. ISBN: 9780750699365.</p> <p>Bohn, Roger E. "Measuring and Managing Technological Knowledge." Chapter 10 in <i>The Knowledge Economy</i>. Edited by Dale Neef. Boston, MA: Butterworth-Heinemann, 1997. ISBN: 9780750699365.</p> <p>Arthur, W. Brian. "Increasing Returns and the New World of Business." Chapter 6 in <i>The Knowledge Economy</i>. Edited by Dale Neef. Boston, MA: Butterworth-Heinemann, 1997. ISBN: 9780750699365.</p>
11	Managing Security and Sustainability	<p>Ostrom, Elinor. <i>Governing the Commons: The Evolution of Institutions for Collective Action</i>. New York, NY: Cambridge University Press, 1990. ISBN: 9780521405997.</p> <p>Keohane, Robert O. "International Institutions: Two Approaches." <i>International Studies Quarterly</i> 32 (1988): 379-96.</p>

WEEK # TOPICS	READINGS
	<p>Holling, C. S. "Sustainability: The Cross-Scale Dimension." In <i>Defining and Measuring Sustainability: The Biogeophysical Foundations</i>. Edited by Mohan Munasinghe and Walter Shearer. Washington, DC: The World Bank, 1995, pp. 65-75. ISBN: 9780821331347.</p> <p>Weiss, Edith Brown. "Intergenerational Equity: Toward an International Legal Framework." In <i>Global Accord: Environmental Challenges and International Responses</i>. Edited by Nazli Choucri. Cambridge, MA: MIT Press, 1995, pp. 333-53. ISBN: 9780262531344.</p>
<p>12 Design Systems for Security and Sustainability</p>	<p>Haas, Peter M., and Jan Sundgren. "Evolving International Environmental Law: Changing Practices of National Sovereignty." In <i>Global Accord: Environmental Challenges and International Responses</i>. Edited by Nazli Choucri. Cambridge, MA: MIT Press, 1995, pp. 401-429. ISBN: 9780262531344.</p> <p>Sands, Philippe. "International Law in the Field of Sustainable Development: Emerging Legal Principles." In <i>Sustainable Development and International Law</i>. Edited by Winfried Lang. New York, NY: Springer, 1995, pp. 53-66. ISBN: 9781859661796.</p> <p>Jacoby, Henry D., Ronald Prinn, and Richard Schmalensee. "Kyoto's Unfinished Business." Chapter 25 in <i>Economics of the Environment</i>. 5th ed. Edited by Robert N. Stavins. New York, NY: W. W. Norton & Company, 2005. ISBN: 9780393927016.</p>