

REFERENCES

- Acemoglu, Daron, 2003, "Root Causes: A Historical Approach to Assessing the Role of Institutions in Economic Development," *Finance & Development* 40(2), 27–30.
- Acemoglu, Daron, and James A. Robinson, 2012, *Why Nations Fail: The Origins of Power, Prosperity, and Poverty* (New York: Crown Business).
- Acemoglu, Daron, Simon Johnson, and James A. Robinson, 2002, "Reversal of Fortune: Geography and Institutions in the Making of the Modern World Income Distribution," *Quarterly Journal of Economics* 117(4), 1231–1294.
- Alesina, Alberto, William Easterly, and Janina Matuszeski, 2006, *Artificial States*, NBER Working Paper 12328 (Cambridge, MA: NBER).
- Alexander, Donald, 1990, "Bioregionalism: Sense or Sensibility?," *Environmental Ethics* 16(2), 161–173.
- Allan, Nigel J.R., 1995, "Human Aspects of Mountain Environmental Change, 1889–1992," in Nigel J.R. Allan, ed., *Mountains at Risk: Current Issues in Environmental Studies* (New Delhi: Manohar), 3–26.
- Baldwin, Andrew, 2014, "Pluralising Climate Change and Migration: An Argument in Favour of Open Futures," *Geography Compass* 8(8), 516–528.
- Barnett, Jon, and W. Neil Adger, 2007, "Climate Change, Human Security and Violent Conflict," *Political Geography* 26(6), 639–655.
- Bassin, Mark, 1992, "Geographical Determinism in Fin-de-siècle Marxism: Georgii Plekhanov and the Environmental Basis of Russian History," *Annals of the Association of American Geographers* 82(1), 3–22.
- Bassin, Mark, 2005, "Blood or Soil? The *Völkisch* Movement, the Nazis, and the Legacy of Geopolitik," in Franz-Josef Brüggemeier, Marc Cioc, and Thomas Zeller, eds., *How Green Were the Nazis? Nature, Environment, and Nation in the Third Reich* (Athens, OH: Ohio University Press), 202–242.

- Bassin, Mark, 2016, *The Gumilev Mystique: Biopolitics, Eurasianism, and the Construction of Community in Modern Russia* (Ithaca, NY: Cornell University Press).
- Benjaminsen, Tor A., Koffi Alinon, Halvard Buhaug, and Jill Tove Buseth, 2012, "Does Climate Drive Land-Use Conflicts in the Sahel?," *Journal of Peace Research* 49(1), 97–111.
- Blaut, James M., 1959, "The Ecology of Tropical Farming Systems," *Plantation Systems of the New World: Papers and Discussion Summaries of the Seminar Held in San Juan, Puerto Rico* (Washington, DC: Pan-American Union), 83–97.
- Blaut, James M., 1993, *The Colonizer's Model of the World: Geographical Diffusionism and Eurocentric History* (New York: The Guilford Press).
- Blaut, James M., 1999, "Environmentalism and Eurocentrism," *Geographical Review* 89(3), 391–408.
- Blaut, James M., 2000, *Eight Eurocentric Historians* (New York: The Guilford Press).
- Blumler, Mark, 2006, "Review of Jared Diamond," *Collapse: How Societies Choose to Fail or Succeed*, *Geographical Review* 96(3), 519–522.
- Bowden, M.J., R.W. Kates, W.E. Riebsame, R.A. Warrick, D.L. Johnson, H.A. Gould, and D. Weiner, 1981, "The Effect of Climate Fluctuations on Human Populations: Two Hypotheses," in T.M.L. Wigley, M.J. Ingram, and G. Farmer, eds., *Climate and History: Studies in Past Climates and Their Impact on Man* (Cambridge, MA: Cambridge University Press), 479–513.
- Bowman, Isaiah, 1934, *Geography in Relation to the Social Sciences* (New York: Charles Scribner's Sons).
- Brager, Gail S., and Richard J. De Dear, 1998, "Thermal Adaptation in the Built Environment: A Literature Review," *Energy and Buildings* 27(1), 83–96.
- Bridge, Gavin, 2009, "Material Worlds: Natural Resources, Resource Geography, and the Material Economy," *Geography Compass* 3(3), 1217–1244.
- Bridge, Gavin, 2011a, "The Economy of Nature: From Political Ecology to the Social Construction of Nature," in Andrew Leyshon, Roger Lee, Linda McDowell, and Peter Sunley, eds., *The Sage Handbook of Economic Geography* (London: Sage), 217–230.
- Bridge, Gavin, 2011b, "Past Peak Oil: Political Economy of Energy Crises," in Richard Peet, Paul Robbins, and Michael Watts, eds., *Global Political Ecology* (Abingdon: Routledge), 307–324.
- Bruhnes, Jean, and Camille Vallaux, 1921, *La géographie de l'histoire* (Paris: Alcan).
- Bukharin, Nikolai, 1936, "Imperialism and Communism," *Foreign Affairs* 14(4), 563–577.
- Burton, Ian, Robert W. Kates, and Gilbert F. White, 1993, *The Environment as Hazard* (2nd edition) (New York: The Guilford Press).
- Butzer, Karl W., 1976, *Early Hydraulic Civilization in Egypt: A Study in Cultural Ecology* (Chicago, IL: University of Chicago Press).

- Butzer, Karl W., 1997, "Sociopolitical Discontinuity in the Near East c. 2200 B.C.E.: Scenarios for Palestine and Egypt," in H. Nüzhet Dalfes, George Kukla, and Harvey Weiss, eds., *Third Millennium BC Climate Change and Old World Collapse* (Berlin: Springer), 245–296.
- Butzer, Karl W., 2011, "Geoarchaeology, Climate Change, Sustainability: A Mediterranean Perspective," in Antony G. Brown, Laura S. Basell, and Karl W. Butzer, eds., *Geoarchaeology, Climate Change, Sustainability*, GSA Special Paper 476 (Boulder, CO: Geological Society of America), 1–14.
- Butzer, Karl W., 2012, "Collapse, Environment, and Society," *Proceedings of the National Academy of Sciences of the United States of America* 109(1), 3632–3639.
- Butzer, Karl W., and Georgina H. Endfield, 2012, "Critical Perspectives on Historical Collapse," *Proceedings of the National Academy of Sciences of the United States of America* 109(10), 3628–3631.
- Carmody, Pádraig, 2011, *The New Scramble for Africa* (Cambridge: Polity Press).
- Carter, George, 1968, *Man and the Land: A Cultural Geography* (2nd edition) (New York: Holt, Rinehart & Winston).
- Castree, Noel, 2005, *Nature* (Abingdon: Routledge).
- Chappell Jr., John E., 1971, "Commentary: Harlan Barrows and Environmentalism," *Annals of the Association of American Geographers* 61(1), 198–201.
- Chappell Jr, John E., 1981, "Environmental Causation," in Milton E. Harvey and Brian P. Holly, eds., *Themes in Geographic Thought* (New York: St. Martin's Press), 163–186.
- Coomes, Paul, and Keith Barber, 2005, "Environmental Determinism in Holocene Research: Causality or Coincidence?," *Area* 37(3), 303–311.
- Davis, William Morris, 1898, *Physical Geography* (Boston, MA: Ginn & Company).
- Davis, William Morris, 1906, "An Inductive Study of the Content of Geography," *Bulletin of the American Geographical Society* 38(2), 67–84.
- Delli Priscoli, Jerome, and Aaron T. Wolf, 2009, *Managing and Transforming Water Conflicts* (New York: Cambridge University Press).
- Denevan, William M., 1966, *The Aboriginal Cultural Geography of the Llanos de Mojos of Bolivia*, Ibero-Americana #48 (Berkeley, CA: University of California Press).
- Denevan, William M., 1996, "Carl Sauer and Native American Population Size," *Geographical Review* 86(3), 385–397.
- Denevan, William M., 2012, "Revisiting the Late Pre-European History of Amazonia," *Journal of Latin American Geography* 11(1), 9–24.
- Deur, Douglas, 2002, "Rethinking Precolonial Plant Cultivation on the Northwest Coast of North America," *Professional Geographer* 54(2), 140–157.
- Diamond, Jared, 1999, *Guns, Germs, and Steel: The Fates of Human Societies* (Paperback edition) (New York: W.W. Norton & Company).
- Diamond, Jared, 2003, "Guns, Germs, and Steel in 2003," *Antipode* 35(4), 829–831.

- Diamond, Jared, 2005, *Collapse: How Societies Choose to Fail or Succeed* (New York: Viking).
- Diamond, Jared, n.d., “Geographic Determinism,” at http://www.jareddiamond.org/Jared_Diamond/Geographic_determinism.html
- Earle, Carville, 1992, “Why the Puritans Settled in New England: The Problematic Nature of English Colonization in North America, 1580–1700,” in Carville Earle, *Geographical Inquiry and American Historical Problems* (Stanford, CA: Stanford University Press), 59–87.
- Economist*, *The*, 2011, “Internal Affairs,” 398(8724), 12 March, 83.
- Ekbladh, David, 2010, *The Great American Mission: Modernization and the Construction of an American World Order* (Princeton, NJ: Princeton University Press).
- Fall, Juliette J., 2010, “Artificial States? On the Enduring Geographical Myth of Natural Borders,” *Political Geography* 29(3), 140–147.
- Febvre, Lucien, 1922, *La terre et l'évolution humaine: Introduction géographique à l'histoire* (Paris: Albin Michel).
- Fickey, Amanda, and Michael Samers, 2015, “Developing Appalachia: The Impact of Limited Economic Imagination,” in Chad Berry, Phillip J. Obermiller, and Shaunna L. Scott, eds., *Studying Appalachian Studies: Making the Path by Walking* (Urbana, IL: University of Illinois Press), 119–140.
- Fogel, Robert William, 1989, *Without Consent or Contract: The Rise and Fall of American Slavery* (New York: W.W. Norton).
- Frenkel, Stephen, 1992, “Geography, Empire, and Environmental Determinism,” *Geographical Review* 82(2), 143–153.
- Frenkel, Stephen, 1994, “Old Theories in New Places? Environmental Determinism and Bioregionalism,” *Professional Geographer* 46(3), 289–295.
- Freudenburg, William R., Scott Frickel, and Robert Gramling, 1995, “Beyond the Nature/Society Divide: Learning to Think About a Mountain,” *Sociological Forum* 10(3), 361–392.
- Gallup, John Luke, Alejandro Gaviria, and Eduardo Loria, 2003, *Is Geography Destiny? Lessons from Latin America* (Palo Alto, CA: Stanford Social Sciences and the World Bank).
- Glacken, Clarence W., 1967, *Traces on the Rhodian Shore: Nature and Culture in Western Thought from Ancient Times to the End of the Eighteenth Century* (Berkeley, CA: University of California Press).
- Gobineau, A. de, 1853, *Essai sur l'inégalité des races humaines*, Vol. 1 (Paris: Firmin Didot frères).
- Grazulis, Thomas P., 2001, *The Tornado: Nature's Ultimate Windstorm* (Norman, OK: University of Oklahoma Press).
- Harrison, Paul, 1979, “The Curse of the Tropics,” *New Scientist* 22(November), 602–604.

- Hart, John Fraser, 1982, "The Highest Form of the Geographer's Art," *Annals of the Association of American Geographers* 72(1), 1–29.
- Hartshorne, Richard, 1939, *The Nature of Geography: A Critical Survey of Current Thought in Light of the Past* (Lancaster, PA: Association of American Geographers).
- Hartshorne, Richard, 1959, *Perspective on the Nature of Geography* (Chicago, IL: Rand McNally & Company for the Association of American Geographers).
- Harvey, David, 1974, "Population, Resources, and the Ideology of Science," *Economic Geography* 50(3), 256–277.
- Harvey, David, 2009, *Cosmopolitanism and the Geographies of Freedom* (New York: Columbia University Press).
- Hausmann, Ricardo, 2001, "Prisoners of Geography," *Foreign Policy* 122, 44–53.
- Hewitt, Kenneth, 1988, "The Study of Mountain Lands and Peoples: A Critical Overview," in Nigel J.R. Allan, Gregory W. Knapp, and Christoph Stabel, eds., *Human Impact on Mountains* (Totowa, NJ: Rowman & Littlefield), 6–23.
- Hitchings, Russell, 2009, "Studying Thermal Comfort in Context," *Building Research & Information* 37(1), 89–94.
- Hodder, Dick, 1998, "Conclusions," in Dick Hodder, Sarah J. Lloyd, and Keith McLachlan, eds., *Land-Locked States of Africa and Asia* (London: Frank Cass), 209–215.
- Hugo, Graeme, 2008, *Migration, Development and Environment*, IOM Migration Research Series 35 (Geneva: IOM).
- Hugo, Graeme, 2011, "Future Demographic Change and Its Interactions with Migration and Climate Change," *Global Environmental Change* 21(Supp. 1), S21–S33.
- Hulme, Mike, 2011, "Reducing the Future to Climate: A Story of Climate Determinism and Reductionism," *Osiris* 26(1), 245–266.
- Hulme, Mike, 2013, "Climate Security: The New Determinism," in Mike Hulme, *Exploring Climate Change through Science and in Society* (Abingdon: Routledge), 124–127.
- Huntington, Ellsworth, 1915, *Civilization and Climate* (New Haven, CT: Yale University Press).
- Huntington, Ellsworth, 1926, *The Pulse of Progress, Including a Sketch of Jewish History* (New York: Charles Scribner's Sons).
- James, Preston E., 1951, "An Assessment of the Role of the Habitat as a Factor in Differential Economic Development," *American Economic Review* 41(2), 229–238.
- James, Preston E., 1952, "Observations on the Physical Geography of Northeast Brazil," *Annals of the Association of American Geographers* 42(2), 153–176.
- James, Preston E., 1967, "Continuity and Change in American Geographic Thought," in Saul B. Cohen, ed., *Problems and Trends in American Geography* (New York: Basic Books), 3–14.

- Jones, Eric, 2003, *The European Miracle: Environments, Economies and Geopolitics in the History of Europe and Asia* (3rd edition) (Cambridge: Cambridge University Press).
- Judkins, Gabriel, Marissa Smith, and Eric Keys, 2008, "Determinism within Human-Environment Research and the Rediscovery of Environmental Causation," *Geographical Journal* 174(1), 17–29.
- Kates, Robert W., 1985, "The Interaction of Climate and Society," in Robert W. Kates, Jesse H. Ausubel, and Mimi Berberian, eds., *Climate Impact Assessment: Studies of the Interaction of Climate and Society*, SCOPE 27 (Chichester: John Wiley & Sons), 3–36.
- Kearns, Gerry, 2004, "Environmental History," in James S. Duncan, Nuala C. Johnson, and Richard H. Schein, eds., *A Companion to Cultural Geography* (Malden, MA: Blackwell), 194–208.
- Keighren, Innes M., 2010, *Bringing Geography to Book: Ellen Semple and the Reception of Geographical Knowledge* (London: I.B. Tauris).
- Kennedy, Paul, 1987, *The Rise and Fall of the Great Powers: Economic Change and Military Conflict from 1500 to 2000* (New York: Random House).
- Kriesel, Karl Marcus, 1968, "Montesquieu: Possibilistic Political Geographer," *Annals of the Association of American Geographers* 58(3), 557–574.
- Landes, David, 1998, *The Wealth and Poverty of Nations: Why Some Are So Rich and Some So Poor* (New York: W.W. Norton & Company).
- Lawson, Victoria, 2014, *Making Development Geography* (New York: Routledge).
- Lewis, Martin W., 1992, *Green Delusions: A Critique of Radical Environmentalism* (Durham, NC: Duke University Press).
- Lewis, Martin W., 2000, "Global Ignorance," *Geographical Review* 90(4), 603–628.
- Lewis, Martin W., and Kären Wigen, 1997, *The Myth of Continents: A Critique of Metageography* (Berkeley, CA: University of California Press).
- Lewthwaite, Gordon R., 1966, "Environmentalism and Determinism: A Search for Clarification," *Annals of the Association of American Geographers* 56(1), 1–23.
- Livingstone, David N., 2002, "Race, Space and Moral Climatology: Notes toward a Genealogy," *Journal of Historical Geography* 28(2), 159–180.
- Livingstone, David N., 2011, "Environmental Determinism," in John A. Agnew and David N. Livingstone, eds., *The SAGE Handbook of Geographical Knowledge* (Los Angeles, CA: SAGE), 368–380.
- Livingstone, David N., 2012, "Changing Climate, Human Evolution, and the Revival of Environmental Determinism," *Bulletin of the History of Medicine* 86(4), 564–595.
- Livingstone, David N., 2015, "The Climate of War: Violence, Warfare, and Climatic Reductionism," *Wiley Interdisciplinary Reviews: Climate Change* 6, 437–444.
- Mackinder, Halford J., 1904, "The Geographical Pivot of History," *Geographical Journal* 23(4), 421–437.

- Mackinder, Halford J., 1919, *Democratic Ideals and Reality: A Study in the Politics of Reconstruction* (New York: Henry Holt & Company).
- Maddison, Angus, 2006, *The World Economy*, Development Centre Studies (n.p.: OECD Publishing).
- Marchesi, Greta, 2014, "Polar Bears, Cactus, and Natives: Race, Agrarian Reform, and Environmental Determinism in Latin America (1920–1950)," *Journal of Historical Geography* 45(1), 82–91.
- Martin, Geoffrey J., 1973, *Ellsworth Huntington: His Life and Thought* (Hamden, CT: Archon Books).
- Matley, Ian M., 1966, "The Marxist Approach to the Geographical Environment," *Annals of the Association of American Geographers* 56(1), 97–111.
- McGuire, Robert A., and Philip R.P. Coelho, 2011, *Parasites, Pathogens, and Progress: Diseases and Economic Development* (Cambridge, MA: MIT Press).
- McLeman, Robert A., 2014, *Climate and Human Migration: Past Experiences, Future Challenges* (New York: Cambridge University Press).
- Meggers, Betty J., 1954, "Environmental Limitation on the Development of Culture," *American Anthropologist* 56(5), (n.s), 801–824.
- Meggers, Betty J., 1959, "Comments," in *Plantation Systems of the New World: Papers and Discussion Summaries of the Seminar Held in San Juan, Puerto Rico* (Washington, DC: Pan-American Union), 98–99.
- Meggers, Betty J., 1996, *Amazonia: Man and Culture in a Counterfeit Paradise* (Revised edition) (Washington, DC: Smithsonian Institution Press).
- Meggers, Betty J., 2001, "The Continuing Quest for El Dorado: Round Two," *Latin American Antiquity* 12(3), 304–335.
- Meggers, Betty J., 2010, *Prehistoric America: An Ecological Perspective* (3rd edition) (New Brunswick, NJ: AldineTransaction).
- Mellinger, Andrew D., Jeffrey D. Sachs, and John L. Gallup, 2000, "Climate, Coastal Proximity, and Development," in Gordon L. Clark, Maryann P. Feldman, and Meric S. Gertler, eds., *The Oxford Handbook of Economic Geography* (Oxford: Oxford University Press), 169–194.
- Meyer, William B., 2002, "Why Indoor Climates Change: A Case Study," *Climatic Change* 55(3), 395–407.
- Meyer, William B., 2014, *Americans and Their Weather: A History* (Updated edition) (New York: Oxford University Press).
- Montesquieu, baron de, 1989, *The Spirit of the Laws* (orig. 1748), translated and edited by Anne M. Cohler, Basia Carolyn Miller, and Harold Samuel Stone (Cambridge: Cambridge University Press).
- Moser, Susanne C., 2007, "More Bad News: The Risk of Neglecting Emotional Responses to Climate Change Information," in Susanne C. Moser and Lisa Dilling, eds., *Creating a Climate for Change: Communicating Climate and Facilitating Social Change* (New York: Cambridge University Press), 64–80.

- Newman, Robert P., 1992, *Owen Lattimore and the "Loss" of China* (Berkeley, CA: University of California Press).
- Nunn, Patrick D., 2007, *Climate, Environment and Society in the Pacific During the Last Millennium* (Amsterdam: Elsevier).
- O'Keefe, Phil, Ken Westgate, and Ben Wisner, 1976, "Taking the Naturalness out of Natural Disasters," *Nature* 260(15 April), 566–567.
- O'Keefe, Phil, Geoff O'Brien, Zaina Gadema, and Jon Swords, 2010, "Geographers and Geography: Making Waves for the Wrong Reasons," *Area* 42(3), 258–261.
- O'Lear, Shannon, 2016, "Climate Change and Slow Violence: A View from Political Geography and STS on Mobilizing Technoscientific Ontologies of Climate Change," *Political Geography* 52(1), 4–13.
- O'Loughlin, John, Frank D.W. Witmer, Andrew M. Linke, Arlene Laing, Andrew Gettelman, and Jimy Dudhia, 2012, "Climate Variability and Conflict Risk in East Africa, 1990–2009," *Proceedings of the National Academy of Sciences of the United States of America* 109(45), 18344–18349.
- O'Loughlin, John, Andrew M. Linke, and Frank D.W. Witmer, 2014, "Effects of Temperature and Precipitation Variability on the Risk of Violence in sub-Saharan Africa, 1980–2012," *Proceedings of the National Academy of Sciences of the United States of America* 111(47), 16712–16717.
- O'Neill, Saffron, and Sophie Nicholson-Cole, 2009, "Fear Won't Do It: Promoting Positive Engagement with Climate Change through Visual and Iconic Representations," *Science Communication* 30(3), 355–379.
- O'Neill, Saffron J., Mike Hulme, John Turnpenny, and James A. Screen, 2010, "Disciplines, Geography, and Gender in the Framing of Climate Change," *Bulletin of the American Meteorological Society* 91(8), 997–1002.
- O'Neill, Saffron J., Maxwell Boykoff, Simon Niemeyer, and Sophie A. Day, 2013, "On the Use of Imagery for Climate Change Engagement," *Global Environmental Change* 23(2), 413–421.
- Parsons, James J., and William A. Bowen, 1966, "Ancient Ridged Fields of the San Jorge River Floodplain," *Geographical Review* 56(3), 317–343.
- Pattison, William D., 1964, "The Four Traditions of Geography," *Journal of Geography* 63(5), 211–216.
- Peet, Richard, 1985, "The Social Origins of Environmental Determinism," *Annals of the Association of American Geographers* 75(3), 309–333.
- Peet, Richard, and Elaine Hartwick, 1999, *Theories of Development* (New York: The Guilford Press).
- Piguët, Etienne, 2010, "Linking Climate Change, Environmental Degradation, and Migration: A Methodological Overview," *Wiley Interdisciplinary Reviews: Climate Change* 1(4), 517–524.

- Piguet, Etienne, 2013, "From 'Primitive Migration' to 'Climate Refugees': The Curious Fate of the Natural Environment in Migration Studies," *Annals of the Association of American Geographers* 103(1), 148–162.
- Platt, Robert S., 1948, "Environmentalism versus Geography," *American Journal of Sociology* 53(5), 351–358.
- Post, John D., 1985, *Food Shortages, Climatic Variability, and Epidemic Disease in Preindustrial Europe* (Ithaca, NY: Cornell University Press).
- Powell, J.M., 1988, *A Historical Geography of Modern Australia: The Restless Fringe* (Cambridge: Cambridge University Press).
- Pred, Allan, 1983, "From Here and Now to There and Then: Some Notes on Diffusions, Defusions and Disillusions," in Mark Billinge, Derek Gregory, and Ron Martin, eds., *Recollections of a Revolution: Geography as Spatial Science* (New York: St. Martin's Press), 86–103.
- Price, Marie D., 1996, "The Venezuelan Andes and the Geographical Imagination," *Geographical Review* 86(3), 334–355.
- Pudup, Mary Beth, 2000, "Review of John Allen et al.," *Rethinking the Region, Annals of the Association of American Geographers* 90(2), 404–406.
- Reclus, Elisée, 1872, *Description des phénomènes de la vie du globe: II: L'Océan—L'Atmosphère—La vie* (2nd edition) (Paris: Hachette).
- Robbins, Paul, 2003, "Networks and Knowledge Systems: An Alternative to 'Race or Place,'" *Antipode* 35(4), 818–822.
- Robbins, Paul, 2004, *Political Ecology: A Critical Introduction* (Malden, MA: Blackwell).
- Rodrik, Dani, 2003, "Introduction: What Do We Learn from Country Narratives?," in Dani Rodrik, ed., *In Search of Prosperity: Analytic Narratives on Economic Growth* (Princeton, NJ: Princeton University Press), 1–19.
- Rodrik, Dani, Arvind Subramanian, and Francesco Trebbi, 2004, "Institutions Rule: The Primacy of Institutions over Geography and Integration in Economic Development," *Journal of Economic Growth* 9(2), 131–165.
- Rostlund, Erhard, 1962, "'Twentieth Century Magic' (orig. 1956)," in Philip L. Wagner and Marwin W. Mikesell, eds., *Readings in Cultural Geography* (Chicago, IL: University of Chicago Press), 48–53.
- Sachs, Jeffrey, 2000, "Notes on a New Sociology of Economic Development," in Lawrence E. Harrison and Samuel P. Huntington, eds., *Culture Matters: How Values Shape Human Progress* (New York: Basic Books), 29–43.
- Sachs, Jeffrey D., 2001, *Tropical Underdevelopment*, NBER Working Paper 8119 (Cambridge, MA: NBER).
- Sachs, Jeffrey, 2006a, "Ecology and Political Upheaval," *Scientific American* 295 (July), 37.
- Sachs, Jeffrey, 2006b, "The New Geopolitics," *Scientific American* 294(June), 30.
- Sachs, Jeffrey, 2007, "Climate and Refugees," *Scientific American* 296(June), 43.

- Sachs, Jeffrey D., 2008a, *Common Wealth: Economics for a Crowded Planet* (New York: The Penguin Press).
- Sachs, Jeffrey, 2008b, "Crisis in the Drylands," *Scientific American* 298 (February), 34.
- Sachs, Jeffrey D., and Joanne J. Myers, 2005, "The End of Poverty: Economic Possibilities for Our Time," CCEIA, transcript, 30 March, at <http://www.cceia.org/resources/transcripts/5132.html>
- Sale, Kirkpatrick, 1985, *Dwellers in the Land: The Bioregional Vision* (San Francisco, CA: Sierra Club Books).
- Sauer, Carl O., 1941, "Foreword to Historical Geography," *Annals of the Association of American Geographers* 31(1), 1–24.
- Sauer, Carl O., 1969, *Seeds, Spades, Hearths, and Herds: The Domestication of Animals and Foodstuffs* (2nd edition) (Cambridge, MA: MIT Press).
- Schoenberger, Erica, 2001, "Interdisciplinarity and Social Power," *Progress in Human Geography* 25(3), 365–382.
- Sample, Ellen Churchill, 1911, *Influences of Geographic Environment, on the Basis of Ratzel's System of Anthropo-Geography* (New York: Henry Holt & Company).
- Sheppard, Eric, 2011, "Geography, Nature, and the Question of Development," *Dialogues in Human Geography* 1(1), 46–75.
- Sluyter, Andrew, 2002, *Colonialism and Landscape: Postcolonial Theory and Applications* (Lanham, MD: Rowman & Littlefield).
- Sluyter, Andrew, 2003, "Neo-Environmental Determinism, Intellectual Damage Control, and Nature/Society Science," *Antipode* 35(4), 813–817.
- Sluyter, Andrew 2005, Review of John L. Gallup et al., "Is Geography Destiny? Lessons from Latin America and Joseph Cotter, Troubled Harvest: Agronomy and Revolution in Mexico, 1880–2002," *Annals of the Association of American Geographers* 98(1), 232–236.
- Sluyter, Andrew, 2010, "The *Geographical Review's* Historical Dimensions and Recentism," *Geographical Review* 100(1), 6–11.
- Smith, Barry, and David M. Mark, 2003, "Do Mountains Exist? Towards an Ontology of Landforms," *Environment and Planning B* 30(3), 411–427.
- Smith, Neil, 2003, *American Empire: Roosevelt's Geographer and the Prelude to Globalization* (Berkeley, CA: University of California Press).
- Smith, Nigel J.H., 1980, "Anthrosols and Human Carrying Capacity in Amazonia," *Annals of the Association of American Geographers* 70(4), 553–566.
- Tatham, George, 1951, "Environmentalism and Possibilism," in Griffith Taylor, ed., *Geography in the Twentieth Century: A Study of Growth, Fields, Techniques, Aims and Trends* (London: Methuen), 128–162.
- Taylor, Alan, 2016, *American Revolutions: A Continental History, 1750–1804* (New York: W.W. Norton & Company).
- Toynbee, Arnold J., 1934, *A Study of History*, Vol. 2 (London: Humphrey Milford/Oxford University Press).

- Tubi, Amit, and Eran Feitelson, 2016, "Drought and Cooperation in Conflict Prone Areas," *Bedouin Herders and Jewish Farmers in Israel's Northern Negev, 1957-1963*, *Political Geography* 51(1), 30-42.
- Turner, B.L. II, 2010, "Unlocking the Ancient Maya and Their Environment: Paleo-Evidence and Dating Resolution," *Geology* 38(6), 575-576.
- Ullman, Edward L., 1980, "Geography as Spatial Interaction," in Edward L. Ullman (ed. Ronald Boyce), *Geography as Spatial Interaction* (Seattle, WA: University of Washington Press), 13-27.
- Van Hise, Charles Richard, 1910, *The Conservation of Natural Resources in the United States* (New York: Macmillan).
- Wagner, Philip L., and Marvin W. Mikesell, 1962, "Part I: Orientation," in Philip L. Wagner and Marwin W. Mikesell, eds., *Readings in Cultural Geography* (Chicago, IL: University of Chicago Press), 25-29.
- Walsh, Rebecca, 2015, *The Geopoetics of Modernism* (Gainesville, FL: University Press of Florida).
- Ward, Robert DeCourcy, 1908, *Climate: Considered Especially in Relation to Man* (New York: G.P. Putnam's Sons).
- Watson, Elizabeth E., 2010, "Convenient Examples for Inconvenient Truths," 101-105, in Sarah A. Radcliffe, ed., "Environmentalism Thinking and/in Geography," *Progress in Human Geography* 34(1), 98-116.
- Watts, Michael, 1983, *Silent Violence: Food, Famine & Peasantry in Northern Nigeria* (Berkeley, CA: University of California Press).
- White, Gilbert Fowler, 1945, *Human Adjustment to Floods: A Geographical Approach to the Flood Problem in the United States*, Department of Geography Research Paper #29 (Chicago, IL: University of Chicago Department of Geography).
- Wisner, Ben, Piers Blaikie, Terry Cannon, and Ian Davis, 2004, *At Risk: Natural Hazards, People's Vulnerability and Disasters* (2nd edition) (London: Routledge).
- Wolf, Aaron T., 1997, "International Water Conflict Resolution: Lessons from Comparative Analysis," *International Journal of Water Resources Development* 13(3), 333-356.
- Wolf, Aaron T., 1998, "Conflict and Cooperation along International Waterways," *Water Policy* 1(2), 251-265.
- World Bank, 2009, *World Development Report 2009: Reshaping Economic Geography* (Washington, DC: World Bank).
- Wright, John K., 1962, "Miss Semple's Influences of Geographic Environment: Notes toward a Bibliobiography," *Geographical Review* 52(3), 346-361.
- Zimmermann, Erich W., 1951, *World Resources and Industries* (Revised edition) (New York: Harper & Brothers).

INDEX

A

- Acemoglu, Daron, 71, 77, 97–99
Adger, W. Neil, 92–93
Africa, 8, 22, 47, 65, 67, 73, 74, 80, 83, 94
 “bountiful tropics” thesis and, 8, 67
 climate and conflict in, 94
 landlockedness in, 73, 74
 slave trade and, 65
Agriculture, 34–35, 82–83
 irrigated, 58, 67, 79
 potential for, 59, 60
 rainfed, 67
 slash and burn, 59, 60
Alexander, Donald, 45–46
Allan, Nigel J.R., 49, 50
Amazonia, 58–61, 66
Americas, 52, 58, 64–66, 72, 80–83
 See also Amazonia; South America; United States
Appalachia, 51, 78
Appalachian Regional Commission, 51
Asia, 47, 48, 67, 70
 natural hazards in, 70
 supposed environmental uniformity of, 48
 See also China; India
“Asiatic societies”, *see* “Oriental despotism”

B

- Barber, Keith, 52–53
Barnett, Jon, 92–93
Bassin, Mark, 19, 20, 23, 36
Benjaminsen, Tor, 94
Bioregionalism, 42, 44–46
Blaut, James M., 6, 8, 10, 20–21, 49, 60, 64–67, 71–73, 76–77, 81–83
Boundaries, natural, 44, 46, 49
Bowman, Isaiah, 22, 30–31
Brazil, Northeast, 79
Bridge, Gavin, 34–36, 42
Butzer, Karl W., 54, 57, 58

C

- Carter, George, 22
Chappell, John E., Jr., 7, 21
China, 67, 69, 71, 72, 76–77, 81
Climate
 indoor, 10
 and migration, 89, 91, 92
 reductionism, 12, 86–88, 91, 94
 See also Cold; Environmental concern; Tropics
Cold, 8, 9, 16, 22
 and agriculture, 63
 and health, 63–65
 Montesquieu on, 9, 27

Collapse, societal, 54, 56
 Continents
 “myth of”, 47, 58
 size and configuration of, 80
 Coombes, Paul, 52–53
 Cuba, 66
 Cultural determinism, 12, 100

D

Darfur (Sudan), 91
 Davis, William Morris, 2, 16, 25
 Denevan, William L., 58, 60, 61
 Diamond, Jared, 2, 4, 40–42, 55–57, 79–85
 collapse, 43, 57
 Guns, Germs, and Steel, 4, 43, 79–85, 98
 Diffusion, barriers to, 80
 Diop, Cheikh Anta, 22
 Dust Bowl, 90–91

E

Egypt, ancient, 52, 54, 58
 Environment, defined, 100
 Environmental concern, 32, 41, 49, 86
 Environmental determinism
 defined, 5–7, 41
 geographical alternatives to, 30
 history of, 22, 24
 politics of, 19–22, 24, 36
 See also Neo-environmental determinism
 Environmental fatalism, 9, 40, 85
 Environmentalism, *see* Environmental determinism; Neo-environmental determinism
 Environmental refugees, *see* Climate and migration
 “Epistemological slippage”, 88
 Eurasia, 64, 69, 71, 74, 75, 80–82

Europe, 47, 48, 64–73, 75–79, 81, 84, 99
 agriculture in, 67
 climate and health in, 62
 colonial expansion of, 24, 58, 66, 73
 natural hazards in, 68, 70
 supposed environmental diversity of, 75, 81
 Exogenous causes, 44, 73, 79, 85

F

Fall, Juliette, 48–49
 Famine, 70
 Febvre, Lucien, 30
 Frenkel, Stephen, 19, 45, 95n2

G

Gallup, John L., 9, 40, 42–43, 63, 66, 69, 72, 75, 78, 99
 Geographical determinism, *see*
 Environmental determinism;
 Neo-environmental determinism
 Geography (discipline), 4, 11, 12
 critiques of environmental determinism in, 4, 44, 52
 early environmental determinism in, 2, 16, 25, 61, 89
 four traditions of, 13
 misunderstood, 98
 “Geography versus institutions”
 debate, 4, 97
 Glacken, Clarence, 15, 23
 Gobineau, Joseph-Arthur, comte de, 23–24

H

Haiti, 66
 Hartwick, Elaine, 7, 41

Harvey, David, 26, 32, 36, 98, 100
 Haushofer, Karl, 20
 Hausmann, Ricardo, 24, 25, 28n2, 63,
 65, 70, 72, 95n6
 Heartland thesis, 74–75
 Hewitt, Kenneth, 49–50
 Hughes, Langston, 22
 Hugo, Graeme, 89, 90
 Hulme, Mike, 12, 86, 88, 91,
 92, 94
 Huntington, Ellsworth, 2, 10, 11,
 16–18, 21, 23, 26, 28, 41, 49, 51,
 55, 58, 62, 89, 91
 data and methods used by, 26
 on prehistory, 51–52, 89

I

Imperialism, 19, 20, 21, 23, 24, 81
 India, 69, 70, 71, 78
 Islands, 17, 56, 57,
 66, 74, 76, 84

J

James, Preston, 30–31, 46, 78–79
 Jones, Eric, 40, 63, 67–70, 75–77, 79,
 82, 95n3
 Judkins, Gabriel, 83, 84, 85

K

Kates, Robert W., 87–88, 90

L

Landes, David, 2, 24, 25, 40, 62–66,
 70, 71, 79
 Landlocked countries, 72–74
 Lewis, Martin, 22, 45–48, 58, 67, 71,
 76, 77

M

Mackinder, Halford, J., 74–75
 Macrogeography, 47
 Marchesi, Greta, 21–22
 Maya civilization, 55, 59, 60
 McLeman, Robert, 89–91
 Meggers, Betty, 40, 58–61, 81, 82
 Mellinger, Andrew, 41, 77
 Montesquieu, Charles-Louis de
 Secondat, baron de, 9–10, 15,
 27–28, 39, 42, 61

N

National Socialism, 19–20, 24
 Natural disasters, *see* Natural hazards
 Natural hazards, 32, 33, 36, 62, 68,
 70, 87, 88, 90
 drought as, 68, 70, 79, 91
 exposure to, 33–34, 68
 floods as, 32–33, 54, 68
 vulnerability to, 33, 34, 54, 68, 69,
 86, 88, 90–92
 Natural regions, 44–47
 mountains as, 49–50
 Natural resources, 32, 34–36, 44, 80
 in *Guns, Germs, and Steel*, 80
See also Petroleum; Water
 Neo-environmental determinism, 8
Guns, Germs, and Steel as, 79–85
 origins and character, 36, 45, 61,
 66, 77, 79, 85
 politics of, 41, 87
 and regional definition, 31, 49, 54
 in study of prehistory, 51–61
 and world patterns of
 development, 12, 62, 97

O

Oil, *see* Petroleum
 O'Lear, Shannon, 93

O'Loughlin, John, 94

“Oriental despotism”, 57–58, 67

P

Pattison, William, 13

Peet, Richard, 7, 19, 41

Petroleum, 35

Piguet, Etienne, 89, 90

Plains, 21, 75

Platt, Robert S., 6–7, 27, 30, 46, 75

Possibilism, 10, 26, 27, 30, 32,
44, 50, 60, 61, 64, 66, 75,
91, 93

Prehistory, 4, 17, 39, 51–61, 65, 66,
79, 84, 86, 89

Prometheanism, 23

R

Race, 20, 22, 23, 25, 41, 84

Ratzel, Friedrich, 16, 50

Reclus, Elisée, 21, 50

Robbins, Paul, 8, 83, 98

Rodrik, Dani, 44

Russia, 8, 20, 27, 29

S

Sachs, Jeffrey, 40, 41, 42, 63, 68,
70, 71, 72, 75, 77–79, 89,
91, 95n6

on climate and conflict, 93–94

on climate and migration, 91

on “geographical determinism”, 40

on role of natural hazards, 70

Sahel, 94

Sale, Kirkpatrick, 40, 44

Sauer, Carl O., 22, 30–31, 34,
58, 60

“Sea-locked” countries, 74

Semple, Ellen Churchill, 2, 16–18, 21,
23, 26, 30, 41, 49, 50, 58

Sluyter, Andrew, 12, 39, 60, 78, 82,
83, 100

South America, 47, 58–59

See also Amazonia; Brazil, Northeast

Stalin, Joseph, 23

T

Taylor, T. Griffith, 2, 16, 18, 20,
45, 66

Toynbee, Arnold, 8, 81

Tropics, 20, 24, 42, 59, 65,
68–70

agricultural potential of, 59–60, 63,
66, 70, 71, 80, 82, 83

“bountiful” vs. “nasty”, 8, 21,
49, 67

health in, 70, 95n6

human energy in, 70

natural hazards in, 61–62, 68

underdevelopment of, 71–72

Turner, B.L. II., 55, 60

U

United States

colonial expansion by, 20, 22,
24, 65

great plains, 90–91

natural hazards in, 32

South, 47, 58,
59, 99

V

Violent conflict, 91–93

See also Water wars

W

Ward, Robert deCourcy, [26](#)
Water, [35](#), [44](#), [45](#), [55](#), [76](#), [79](#), [91](#), [93](#)
Water wars, [93](#)
Watson, Elizabeth, [41](#), [43](#), [57](#)
White, Gilbert F., [32–33](#), [87](#)
Wigen, Kären, [22](#), [47](#), [48](#), [58](#), [67](#), [76](#)

Wolf, Aaron, [93–94](#)

World Bank, [74](#)

Z

Zimmermann, Erich W., [34–36](#)