

BERKSHIRE Encyclopedia of Sustainability Volumes 1-10

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In the 10-volume *Berkshire Encyclopedia of Sustainability*, experts around the world provide authoritative coverage of the growing body of knowledge about ways to restore the planet. Focused on solutions, this interdisciplinary print and online publication draws from the natural, physical, and social sciences—geophysics, engineering, and resource management, to name a few—and from philosophy and religion. The result is a unified, organized, and peer-reviewed resource on sustainability that connects academic research to real world challenges and provides a balanced, trustworthy perspective on global environmental challenges in the 21st century.

Accounting	Agroecology	Bamboo	Brazil	Charismatic Megafauna
Activism—NGOs	Air Pollution Indicators and Monitoring	Base of the Pyramid	Brent Spar	Chemicals Legislation and Policy
Activism, Judicial	Airline Industry	Beauty	Brownfield Redevelopment	Chemistry, Green
Adaptive Resource Management (ARM)	Alfalfa	Beijing, China	Brundtland Report	Chennai, India
Administrative Law	Algae	Best Management Practices (BMP)	Buddhism	Chernobyl
Advertising	Aluminum	Bhopal Disaster	Buenos Aires, Argentina	Chesapeake Bay
Afghanistan	Amazon River	Bicycle Industry	Buffers	China
Africa, Central	Amazonia	Biocentrism	Building Rating Systems, Green	Chipko Movement
Africa, East	Andes Mountains	Biodiversity	Building Standards, Green	Christianity (<i>several articles</i>)
Africa, Southern	Animal Husbandry	Biodiversity Conservation	Buildings and Infrastructure	Chromium
Africa, Western	Animals, Human Relationships to	Biodiversity Conservation Legislation (China)	Bushmeat	Cities—Overview
African Diasporan Religions	Anthropic Principle	Biodiversity Hotspots	Business	Cities and Urban Life
African Union (AU)	Anthropocene Epoch	Bioenergy and Biofuels	Business Reporting Methods	Citizen Science
Agenda 21	Anthropocentrism	Bioethics	Cacao	Civil Disobedience, Environmental
Aging	Anthroposophy	Biogeography	Cairo, Egypt	Clean Air Act
Agrarianism	Appalachian Mountains	Biological Corridors	Canada	Clean Water Act
Agricultural Innovation	Applied Sustainability	Biological Indicators—Ecosystems	Cap-and-Trade Legislation	Climate Change
Agricultural Intensification	Aquifers	Biological Indicators—Genetic	Cape Town, South Africa	Climate Change and Big History
Agriculture	Architecture	Biological Indicators—Species	Carbon Capture and Sequestration	Climate Change Disclosure
Agriculture—Developing World	Armed Conflict and the Environment	Biomimicry	Carbon Footprint	Climate Change Disclosure—Legal Framework
Agriculture—Genetically Engineered Crops	Association of Southeast Asian Nations (ASEAN)	Biophilia	Caribbean	Climate Change Migration (India)
Agriculture—Organic and Biodynamic	Auckland, New Zealand	Biosafety Legislation (China)	Carrying Capacity	Climate Change Mitigation (India)
Agriculture (China and Southeast Asia)	Australia	Biotechnology Industry	Catchment Management	Climate Change Mitigation Initiatives (China)
Agriculture (South Asia)	Automobile Industry	Biotechnology Legislation	Cement Industry	Climate Change Mitigation Initiatives (China)
Agriculture, Small-Scale	Automobiles and Personal Transportation	Bogota, Colombia	Central America	Climate Change Mitigation Initiatives (China)
Agriculture, Tropical (the Americas)	Bahai	Boundary Ecotones	Central Asia	Climate Change Refugees (Africa)
	Balkans		Challenges to Measuring Sustainability	

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Coal	Convention on Biological Diversity	Dark Sky Initiatives	Earth Day	Education, Environmental (China)
Coastal Management	Convention on Civil Liability for Oil Pollution	Data Centers	Ecocentrism	Education, Environmental (India)
Cod Wars (<i>United Kingdom v. Iceland</i>)	Convention on International Trade in Endangered Species	Delhi, India	Ecocide	Education, Environmental (Japan)
Coffee	Convention on Long-Range Transboundary Air Pollution	Desalination	Ecolabeling	Education, Environmental Law
Collective Learning	Convention on Persistent Organic Pollutants	Desertification	Ecolabels	Education, Female
Coltan	Convention on Wetlands	Desertification (Africa)	Ecological Economics	Education, Higher
Columbia River	Convention to Combat Desertification	Design	Ecological Footprint	Education, Higher (Africa)
Comanagement	Copenhagen Climate Change Conference 2009	Design Quality Indicator (DQI)	Ecological Footprint Accounting	Education, Higher (Europe)
Common Good	Copper	Design, Industrial	Ecological Forecasting	Electronics—Raw Materials
Common Heritage of Mankind Principle	Corporate Accountability	Design, Landscape	Ecological Impact Assessment (EcIA)	Endangered Species
Community	Corporate Accountability (China)	Design, Product and Industrial	Ecological Modernization Theory	Endangered Species Act
Community and Stakeholder Input	Corporate Citizenship	Detroit, United States	Ecological Restoration	Energy
Community Capital	Cosmic Commons	Development—Concepts and Considerations	Ecology	Energy Conservation Incentives
Community Ecology	Cosmology	Development Indicators	Ecology, Cultural	Energy Efficiency
Complexity Theory	Cost-Benefit Analysis	Development, Rural—Developed World	Ecology, Deep	Energy Efficiency Measurement
Computer Modeling	Cotton	Development, Rural—Developing World	Ecology, Political	Energy Industries—Bioenergy
Conflict Minerals	Council of All Beings	Development, Sustainable	Ecology, Social	Energy Industries—Coal
Confucianism	Cradle to Cradle	Development, Urban	Economic Growth	Energy Industries—Geothermal
Congo (Zaire) River	Creation	Dhaka, Bangladesh	Economics	Energy Industries—Hydroelectric
Conservation	Creation Spirituality	Diet and Nutrition	Economics, Steady State	Energy Industries—Hydrogen and Fuel Cells
Conservation Biology	CSR and CSR 2.0	Disaster Risk Management	Ecopsychology	Energy Industries—Natural Gas
Conservation Value	Culture	Disturbance	Ecosystem Health Indicators	Energy Industries—Nuclear
Consumer Behavior	Curitiba, Brazil	Dominion	Ecosystem Management	Energy Industries—Nuclear
Consumerism	Customary International Law	Drug Production and Trade	Ecosystem Services	Energy Industries—Oil
Convention for the Prevention of Pollution From Ships	Dam Removal	Dualism	Eco-Terrorism	Energy Industries—Overview of Renewables
Convention for the Prohibition of Fishing with Long Drift Nets in the South Pacific	Dams and Reservoirs	Dubai, United Arab Emirates	Ecotourism	
Convention for the Safe and Environmentally Sound Recycling of Ships	Danube River	Dung	Ecotourism (the Americas)	
Convention for the Safety of Life at Sea	Daoism	Earth Charter	Ecovillages	
			Edge Effects	
			Education	
			Education, Business	
			Education, Environmental	

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Energy Industries—Renewables (China)	Environmental Law—Israel	Fencing	Fundamentalism	Grassroots Environmental Movements
Energy Industries—Renewables (India)	Environmental Law—Pacific Island Region	Fertilizers	Future	Great Green Wall (China)
Energy Industries—Solar	Environmental Law—Russia and Central Asia	Fiber Crops	Future Generations	Great Lakes and St. Lawrence River
Energy Industries—Wave and Tidal	Environmental Law—South America	Financial Services Industry	Gabcikovo—Nagymaros Dam Case (Hungary v. Slovakia)	Green Belt Movement
Energy Industries—Wind	Environmental Law—Southeast Asia	Fire Management	Gaia	Green Collar Jobs
Energy Labeling	Environmental Law—United States and Canada	Fish	Gandhism	Green Parties
Energy Security (East Asia)	Environmental Law, Soft vs. Hard	Fish Hatcheries	Ganges River	Green Revolution
Energy Security (Europe)	Environmental Performance Index (EPI)	Fisheries	Gemstones	Green Taxes
Energy Sources	Equator Principles	Fisheries (China)	Gender Equality	Greenbelts
Energy Subsidies	Eschatology	Fisheries Indicators, Freshwater	Genetic Resources	Greenhouse Gases
Enforcement	Ethics, Communicative	Fisheries Indicators, Marine	Genetic Resources	Greenwashing
Environmental Dispute Resolution	Ethics, Environmental	Fisheries Management	Genetically Modified Organisms Legislation	Gross Domestic Product, Green
Environmental Justice Indicators	Ethics, Global	Fishing and Whaling Legislation	Genuine Progress Indicator (GPI)	Gross National Happiness
Environmental Law—Africa, Saharan	Ethics, Natural Law	Five-Year Plans	Geographic Information Systems (GIS)	Groundwater Management
Environmental Law—Africa, Sub-Saharan	European Union (EU)	Focus Groups	Geothermal Energy	Guangzhou, China
Environmental Law—Antarctica	European Union Greenhouse Gas Emission Trading Scheme	Food and Nutrition	Germany	Guano
Environmental Law—Arab Region	European Union Greenhouse Gas Emission Trading Scheme (EU ETS)	Food in History	Glaciers	Guatemala City
Environmental Law—Arctic	Eutrophication	Food Security	Global Climate Change	Habitat Fragmentation
Environmental Law—Australia and New Zealand	Evolution	Food Webs	Global Environment Outlook (GEO) Reports	Health Care Industry
Environmental Law—Central America and the Caribbean	E-waste	Food, Frozen	Global Governance	Health, Public and Environmental
Environmental Law—China	Externality Valuation	Food, Value-Added	Global Reporting Initiative (GRI)	Heating and Cooling
Environmental Law—East Asia	Extreme Episodic Events	Forest Management	Global Strategy for Plant Conservation	Heavy Metals
Environmental Law—Europe	Exxon Valdez	Forest Management Industry	Global Trade	Hemp
Environmental Law—India and Pakistan	Facilities Management	Forest Products—Non-Timber	Globalization	Himalaya, The
	Fair Trade	Forest Products—Timber	God	Hinduism
	Fast Food Industry	Forest Reserve Act	Gold	Home Ecology
	Feminist Thought	Forests	Goma, Democratic Republic of the Congo	Honeybees
		Framework for Strategic Sustainable Development (FSSD)	Grains	Hospitality Industry
		France	Grasslands	Housing
		Free Trade		Housing
				Huang (Yellow) River

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Human Appropriation of Net Primary Production (HANPP)	Industrial Ecology	Judaism	Light Pollution and Biological Systems	Mexico City
Human Development Index (HDI)	Information and Communication Technologies (ICT)	Justice, Concepts of	Lighting, Indoor	Microbial Ecosystem Processes
Human Ecology	Insects—Beneficial	Justice, Environmental	Lima, Peru	Microfinance
Human Rights	Insects—Pests	Karachi, Pakistan	Limits to Growth, The	Middle East
Hunting	Integrated Product Development (IPD)	Keystone Species	Lithium	Migration (Africa)
Hybridity	Intellectual Property Rights	Korean Peninsula	Local Food Movements	Migration (Migration and Global Environmental Change)
Hydrogen Fuel	Intergenerational Equity	Kuala Lumpur, Malaysia	Local Living Economies	Millennium Development Goals
Hydrology	Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)	Kyoto Protocol	Local Solutions to Global Problems	Mineral Sands
I = P x A x T Equation	International Commissions and Summits	Labor	London, United Kingdom	Minerals Scarcity
Immigrants and Refugees	International Conflict Resolution	Lacey Act	Long-Term Ecological Research (LTER)	Mining
Index of Biological Integrity (IBI)	International Court of Justice	Lagos, Nigeria	Love Canal	Mining—Metals
India	International Green Construction Code	Lake Baikal	Mackenzie River	Mining—Nonmetals
Indicator Species	International Law	Lake Chad	Malnutrition	Mining (Africa)
Indigenous and Traditional Peoples	International Organization for Standardization (ISO)	Lake Victoria	Manaus, Brazil	Mining (Australia)
Indigenous and Traditional Resource Management	Invasive Species	Land Use—Regulation and Zoning	Manganese	Mining (The Andes)
Indigenous Peoples	Investment Law, Energy	Landscape Architecture	Manufacturing Practices	Mississippi and Missouri Rivers
Indigenous Peoples and Traditional Knowledge	Investment Law, Foreign	Landscape Planning, Large-Scale	Manure, Animal	Mobility
Indigenous Traditions—Africa	Investment, CleanTech	Land-Use and Land-Cover Change	Manure, Human	Montreal Protocol on Substances That Deplete the Ozone Layer
Indigenous Traditions—Asia	Investment, Socially Responsible (SRI)	Language and Sustainability	Marine Ecosystems Health	Mormonism
Indigenous Traditions—Australia	Iron Ore	Large Marine Ecosystem (LME) Management and Assessment	Marine Preserves	Moscow, Russia
Indigenous Traditions—North America	Irrigation	Las Vegas, United States	Marine Protected Areas (MPAs)	Mountains
Indigenous Traditions—Oceania	Islam	Law and Sustainability	Marketing	MOX Plant Case (Ireland v. United Kingdom)
Indigenous Traditions—South America	Jainism	Law of the Sea	<i>Massachusetts v. Environmental Protection Agency</i>	Multilateral Environmental Agreements (MEAs)
Indigenous Traditions—The Arctic	Jakarta, Indonesia	Lead	Material Flow Analysis (MFA)	Mumbai, India
Individualism	Japan	Leadership, Business	Materials Substitution	Municipalities
Indus River	Jordan River Project	Liberationist Thought	Media Coverage of the Environment	Murray-Darling River Basin
		Libertarianism	Medicinal Plants	Mutualism
		Life Cycle Assessment (LCA)	Meditation and Prayer	Nairobi, Kenya
		Life Cycle Costing (LCC)	Mediterranean Sea	Nanotechnology
		Life Cycle Management (LCM)	Mekong-Lancang River	

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Nanotechnology Legislation	Nonprofit Organizations, Environmental	Parks and Preserves—Wilderness Areas	Process Thought	Remanufacturing
National Environmental Accounting	Nonviolence	Parks and Protected Areas	Product-Service Systems (PSSs)	Remote Sensing
National Environmental Policy Act	North American Free Trade Agreement (NAFTA)	Participatory Action Research	Progress	Resilience
National Pollution Survey (China)	Northwest Passage	Peace	Property and Construction Industry	Responsibility
National Religious Partnership for the Environment	Novosibirsk, Russia	Peace Through Commerce—The Role of the Corporation	Property and Possessions	Restoration
Natural Capital	Nuclear Power	Pearl River Delta	Property Rights	Restriction of Hazardous Substances Directive
Natural Capitalism	Nuisance Law	Performance Metrics	Property Rights (China)	Rewilding
Natural Gas	Nutrient and Biogeochemical Cycling	Permaculture	Public Health	Rhine River
Natural Resource Economics	Ocean Acidification—Management	Perth, Australia	Public Transportation	Rice
Natural Resource Law	Ocean Resource Management	Pest Management, Integrated (IPM)	Public-Private Partnerships	Rio de Janeiro, Brazil
Natural Step Framework, The (TNSF)	Ocean Zoning	Petroleum	Public-Private Partnerships (Africa)	Rio Earth Summit (UN Conference on Environment and Development)
Nature	Oceania	Pharmaceutical Industry	Quantitative vs. Qualitative Studies	Risk Assessment
Nature Religions and Animism	Oceans and Seas	Phoenix, United States	Racism	Risk Management
New Age Spirituality	One-Child Policy	Phosphorus	Rain Gardens	Rivers
New Ecological Paradigm (NEP) Scale	Order and Harmony	Pilgrimage	Ranching	Road Ecology
New Orleans, United States	Organic and Consumer Labels	Place	Rare Earth Elements	Rocky Mountains
New York City, United States	Organization of American States (OAS)	Plant-Animal Interactions	Real Property Law	Root Crops
New Zealand	Outbreak Species	Platinum Group Metals	Recreation, Outdoor	Rubber
New Zealand Nuclear Free Zone, Disarmament, and Arms Control Act	Pacific Island Environmental Philosophy	Poaching	Recycling	Rule of Law
Nickel	Packaging	Politics	Reducing Emissions from Deforestation and Forest Degradation (REDD)	Rule of Law (Africa)
Niger Delta	Paganism and Neopaganism	Polluter Pays Principle	Reforestation	Rule of Law (Europe)
Nile River	Pakistan	Pollution, Nonpoint Source	Reforestation and Afforestation (Southeast Asia)	Rural Development
Nitrogen	Parks and Preserves	Pollution, Point Source	Refugees, Environmental	Rural Development (the Americas)
Nitrogen Saturation	Parks and Preserves—Marine	Population	Refugia	Rural Livelihoods
Nongovernmental Organizations (NGOs)	Parks and Preserves—National	Population Dynamics	Regime Shifts	Russia and the Soviet Union
		Population Indicators	Regional Planning	Sacrament
		Potassium	Registration, Evaluation, Authorisation, and Restriction of Chemicals	Sacred Texts
		Poverty	Regulatory Compliance	Sacrifice
		Pragmatism	Religions	Safe Minimum Standard (SMS)
		Precautionary Principle		Sahara
		Principle-Based Regulation		

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Sahel	Southern Cone	Technology	Triple Bottom Line	Waste Management
Salt	South-North Water Diversion	Telecommunications	True Cost Economics	Waste Shipment Law
Sands and Silica	Soybeans	Telecommunications Industry	Tunis, Tunisia	Water
Sanitation	Space	Textiles Industry	Ukraine	Water (Overview)
Scandinavia	Species Barcoding	Theocentrism	Unitarianism and Unitarian Universalism	Water Act (France)
Science, Religion, and Ecology	Species Reintroduction	Thorium	United Kingdom and Ireland	Water Energy
Shale Gas Extraction	Spirit and Spirituality	Three Gorges Dam	United Nations— Overview of Conventions and Agreements	Water Resource Management, Integrated (IWRM)
Shamanism	Sporting Goods Industry	Tibetan Plateau	United Nations Global Compact	Water Security
Shanghai, China	St. Petersburg, Russia	Time	United States	Water Sources
Shifting Baselines Syndrome	Stakeholder Theory	Tin	Universe Story, The	Water Use and Rights (Africa)
Shinto	Steel Industry	Titanium	University Indicators	Water Use and Rights (India)
Shipping and Freight	Steel Industry	Tokyo, Japan	Uranium	Water Use and Rights (Middle East)
Shipping and Freight Indicators	Stewardship	Toronto, Canada	Urban Agriculture	Weak vs. Strong Sustainability Debate
Sikhism	Stockholm, Sweden	Tort Law	Urban Forestry	Wetlands
<i>Silent Spring</i>	Stormwater Management	Tourism	Urban Vegetation	White Revolution of India
Silver	Strategic Environmental Assessment (SEA)	Traditional Chinese Medicine (TCM)	Urbanization	Whites Thesis
Simplicity and Asceticism	Subsistence	Traditional Knowledge (China)	Urbanization (Africa)	Wilderness
Sin and Evil	Succession	Traditional Knowledge (India)	Urbanization (Europe)	Wilderness Act
Singapore	Sugarcane	Tragedy of the Commons, The	Urbanization (Western Asia and Northern Africa)	Wilderness Areas
Small Island States	Sulfur	Trail Smelter Arbitration (<i>United States v. Canada</i>)	Utilitarianism	Wind Energy
Smart Growth	Supply Chain Analysis	Transboundary Water Issues	Utilities Regulation	Wisdom Traditions
Social Enterprise	Supply Chain Management	Transboundary Water Issues	Utilities Regulation and Energy Efficiency	Wise Use Movement
Social Life Cycle Assessment (S-LCA)	Sustainability Law	Transboundary Water Issues	Values	World Bank
Social Movements (Latin America)	Sustainability Science	Transboundary Water Law	Vancouver, Canada	World Constitutionalism
Social Network Analysis (SNA)	Sustainability Theory	Transdisciplinary Research	Vegetarianism	World Religions and Ecology
Soil	Sustainable Development	Transparency	Viewshed Protection	Yangzi (Chang) River
Soil Conservation	Sustainable Livelihood Analysis (SLA)	Travel and Tourism Industry	Virtues and Vices	Yellowstone To Yukon Conservation Initiative (Y2Y)
Soil Conservation Legislation	Sustainable Value Creation	Tree Planting	Volga River	Zero Waste
Solar Energy	Svalbard Global Seed Vault	Tree Rings as Environmental Indicators	Warsaw, Poland	
Southeast Asia	Sydney, Australia		Waste	
	Systems Thinking			
	Taxation Indicators, Green			
	Tea			