

Cambridge University Press

978-1-107-07261-9 - Of Limits and Growth: The Rise of Global Sustainable Development in the Twentieth Century

Stephen J. Macekura

Index

[More information](#)

Index

- additionality, 262–263, 280, 281–282, 284–289, 297
 Africa. *See also* decolonization, of Africa; national parks; *specific nations*
 ATI in, 160–161
 colonialism in, IUCN response to, 41, 42–43
 Era of Africa, 56–57
 AT movement in, 159–167
 OAU and, 119
 regional development banks in, 64
 tourism in, 46–48
 VITA in, 161
 wildlife protection programs in, development of, 1–2
 Africa Special Project (ASP)
 classical conservation efforts under, 45–46
 in East Africa, 43–45
 economic development and, 43
 IUCN and, 42–49
 tourism as revenue stream for, 46–48
 wildlife protection under, 48–49
 African Wildlife Leadership Foundation (AWLF), 4, 43–44, 70–71
 Africanization movement, 68, 69–70, 80
 Agency for International Development (AID). *See also* U.S. Agency for International Development (USAID)
 EIS and, 180–187
 pesticide program, NGO response to, 184–185
 Regulation 216 and, 186–187
 resistance to NEPA, 181–182
 in Tanganyika, 63–68
 in Tanzania, 73
 tourism and, 73
 World Conservation Strategy and, 249–250
 Albert (Prince), 51
 Allen, Robert, 230–231, 235, 239–242, 255, 264
 alternative development, 221
 Amin, Idi, 86–88, 304
 Amin, Samir, 116, 224
 Anderson, Robert, 131
 Appropriate Technology International (ATI), 158–159
 in Africa, 160–161
 Jikos project and, 166–167
 in Kenya, 160, 165, 166–167
 Nyerere and, 161–164
 in Tanzania, 161–164
 Appropriate Technology (AT) movement
 in Africa, 159–167
 defined, 138–139
 early advocacy of, 148–150
 environmentalists' support of, 146–148
 evolution of, 140–141, 143–148
 FOE and, 139
 G-77 and, 168–169
 goals and purposes of, 138–141
 Green Revolution and, 144
 historical scholarship of, 140–141
 IIED and, 139, 146–148
 ITDG support for, 139–140, 148–150

- Appropriate Technology (cont.)
 IUCN and, 170
 limits of, 167–171
 under New Directions strategy, 150–159
 NGOs and, 170
 political legacy of, 167–171
 private enterprise and, 154–159
 Train support for, 139, 147
 U.S. foreign aid policy and, 150–154
 VITA support for, 139–140, 148–150
 Ward support for, 139, 146–148, 168
 Arusha Declaration, 56–61, 63
 ASP. *See* Africa Special Project
 AT movement. *See* Appropriate Technology movement
 ATI. *See* Appropriate Technology International
 AWLF. *See* African Wildlife Leadership Foundation
 Awoonor, Kofi, 281–282
- Baker, Howard, 118
 Baker, James, 211
Bankrolling Disasters (Rich), 209–210
 Bass, Stephen M. J., 246–247
 Bérégovoy, Pierre, 271
 Bernhard, Charles, 38–39, 82
 biosphere people, 232
 Black, C. E., 141–142
 Blackwelder, Brent, 202, 203–204, 209–210
 Bohlen, Curtis, 270, 273, 288, 290
 Bramble, Barbara, 203–204
 Brazil
 at 1972 Stockholm Conference, 113–115, 119–120, 123, 131
 Polonoeste project in, 199–203
 World Bank lending in, 199–203, 209–210, 213–214
 Brower, David, 100–102, 103, 121, 128, 131, 308–309. *See also* Friends of the Earth; Friends of the Earth International
 Brown, Harold, 191–192
 Brown, Lester, 116
 Brundtland, Gro Harlem, 251–252
 Brundtland Commission, 251–252
 Buckley, James L., 123
 Budowski, Gerardo, 98, 230–231, 234
 Bujagali dam project, 305
 Burma, 145
- Burnham, James, 204
 Bush, George H. W., 224
 environmental policy under, 272–276
 GEF and, 286–287
 at Rio Earth Summit, 261, 270
 Stockholm Conference and, 109, 115–116
 Bush, George W., 301–302
 Byrd-Hagel resolution, 300, 311
 Bzrezinski, Zbigniew, 191–192, 194–195
- Caldwell, Lynton Keith, 175–176, 181–182
 capitalism, 19–20
 free-market rhetoric and, 263, 274–276, 292–293
 Carson, Rachel, 95, 99, 144
 Carter, Jimmy, 189–190, 194–196
 Case, Clifford, 127–128
 Casey, William J., 189
 CAWF. *See* College of African Wildlife Management
 CCMS. *See* Committee for the Challenges of Modern Society
 CCTA. *See* Commission for Technical Co-operation in Africa
 CDC. *See* Conservation for Development Centre
 CEQ. *See* Council on Environmental Quality
 Chafee, John, 286, 293
 Clausen, A. W. “Tom,” 202, 205, 207, 208
 Clean Air Act, 273, 276
 Clements, Frederic, 39
 Clinton, Bill, 289, 293, 299
The Closing Circle (Commoner), 144
 Cold War, 19–20
 College of African Wildlife Management (CAWF), 68–75
 colonialism. *See also* decolonization
 in Africa, IUCN response to, 41, 42–43
 national parks established under, 47
 national parks influenced by, 61–63
 Commission for Technical Co-operation in Africa (CCTA), 73–75
 Committee for the Challenges of Modern Society (CCMS), 105–108, 130–131
 Commoner, Barry, 102, 104, 120, 144, 146, 197–198, 231, 316
 communism, 19–20
 community development programs, in Tanganyika, 67
 Conable, Barber, 211–212, 272

- conservation, ecological, 2–3, 18–22, 33–38, 42–46, 56–59, 61–63, 69–70. *See also* Huxley, Julian; Train, Russell; World Wildlife Fund
with ASP, 42–49
with AWLF, 4, 43–44
biosphere people and, 232
CAWM and, 68–75
classical, under ASP, 45–46
early U.S. policy, 95–96
education campaigns for, 70–71
environmentalism and, 99–101
IUCN and, 73–75, 230–232
land use patterns of indigenous peoples in conflict with, 63
through national parks, 47
preservation compared to, 21, 40
public values of, for Africans, 48
sustainable development and, 8, 239–244
wise use resource, 40
WWF and, 49–53
- Conservation for Development Centre (CDC), 244
- Conservation Foundation, 100
- Convention on Biological Diversity, 278–279, 288, 299
- Coolidge, Harold “Hal,” 18, 35, 38–39, 50
- Corea, Gamani, 224
- Council on Environmental Quality (CEQ), 106, 175, 176–177, 190–191
- cultural diversity, sustainable development and, 232–233
- Curry-Lindahl, Kai, 18, 227
- Darién Gap case, 187–188
- Darling, Fraser, 86
- Dasmann, Raymond, 97, 98, 121, 178–179, 181–182, 221, 225, 231–232
on ecosystem people, 232
- de Haes, Charles, 237–238
- “Declaration on the Human Environment,” 125–126
- decolonization, 1–3, 42–43
conservation programs during, 57
wildlife protection influenced by, 1–4, 52–53, 55–57
- deforestation, 266, 269
IIED and, 268
- Deland, Michael, 270, 273, 288
- developing nations, 2–3, 5–10, 29–32, 47–49, 63–66, 175–177, 196–201, 220–223, 310–312, 314–315. *See also* Global South
Convention on Biological Diversity and, 278–279
defined, 28
Rio Earth Summit and, 276–279
Stockholm Conference and, 93–94
technology and, 142, 144, 168–170
UNEP and, 226–229
- Dingell, John, 193
- Dobrynin, Anatoly, 107–108
- Dubos, René, 121
- Earthwatch, 126
- East Africa. *See also* Murchison Falls, as national park; national parks; *specific nations*
ASP in, 43–45
economic development in, 88–90
Huxley in, classical conservation efforts by, 45–46
railroad network projects in, 76–78
- East African Wildlife Society, 79
- ECA. *See* Economic Commission for Africa
- ecocide, 120
- ecodevelopment, 223–226
environmental NGOs and, 225–226
Founex II and, 224–225
Ward on, 224, 225–226
- ecological conservation. *See* conservation, ecological
- Ecological Principles for Economic Development* (Dasmann and Milton), 178–179, 225
- The Ecologist*, 232
- Economic Commission for Africa (ECA), 150
- economic development, 2–10, 26–32
AID and, 64–68, 73–74
ASP and, 43
during Cold War, 19–20, 21–22, 42–43, 63–67
as concept, during post-war years, 19–22
in East Africa, 88–90
environmental tensions with, 37–38, 55–56, 66–67, 70–71, 87–89, 114–120, 140–141, 145–148, 173–174, 177–179, 213–216, 276–279, 293–295, 297–299, 304–306

- economic development, (cont.)
 environmental thought influenced by,
 20–21, 52–53, 93–94, 102–103,
 123–124, 220–223, 224–228,
 229–233, 237–244, 251–255,
 256–259, 262–263, 269, 310–312
 through foreign aid, 27–28
 GNP measures of, 30, 65
 through IDA, 197
 through Marshall Plan, 27
 through Point Four program, 27–28, 64
 private sector and, 162–165
 reforms of U.S. aid programs and,
 111–112, 150–154, 155–157
 through Soviet Union, 65–66
 through SUNFED, 64
 in Tanganyika, 72–73
 in Tanzania, 78, 88–89
 through technology, 142
 in Uganda, 84
 through U.S. foreign aid programs, 27–28
 wildlife protection and, 1, 3
 through World Bank, 24, 64, 153
- ecosystem people, 232
- EDF. *See* Environmental Defense Fund
- Ehrlich, Paul, 102–103
- EIAs. *See* environmental impact assessments
- EIS. *See* environmental impact statements
- Eisenhower, Dwight, 42
- ELC. *See* Environment Liaison Centre
- Elliot, Hugh, 84
- Ellul, Jacques, 143
- Elton, Charles, 34
- envirocrats, 270
- Environment Liaison Centre (ELC), 132
- Environmental Defense Fund (EDF), 6, 174
 campaign against World Bank, 212–213
 as public interest law firm, 182–184
- environmental impact assessments
 (EIAs), 173
- environmental impact statements (EIS)
 AID and, 180–187
 burden of proof in, 177–180
 under NEPA, 180–187
 origins of, 175–177
 in U.S., 173–175
 World Bank and, 173–175
- environmental legislation. *See*
 extraterritoriality, for environmental
 legislation; National Environmental
 Policy Act; Wilderness Act
- environmental NGOs, 4–5, 6–7, 217–218.
See also specific NGOs
 ecodevelopment and, 225–226
 expansion of membership in, 100
 within global community, 92
 at 1972 Stockholm Conference, 92–94,
 104–113, 120–121, 131–133
 UNEP and, 227–229
- Environmental Policy Institute (EPI), 202
- Environmental Protection Agency (EPA),
 176–177
- environmental protections. *See also*
 Appropriate Technology movement;
 conservation; environmental NGOs
 economic development as influence on,
 20–21, 52–53
 international movements for, 52–53
 post-war history of, 19–22
- environmentalism, 98–101, 255–256. *See*
also Appropriate Technology movement
- blogosphere concept in, 97
 as concept, 21
 defined, 100
 global community for, 92
 Global South and, 201–202, 213–214,
 223–257
 Green Revolution and, 144
 1972 Stockholm Conference and, 92
 Rio Earth Summit and, 268–272
- EPA. *See* Environmental Protection Agency
- EPI. *See* Environmental Policy Institute
- Era of Africa, 56–57
- Eximbank, 188–189
- extraterritoriality, for environmental
 legislation
 under Carter, 189–190, 194–196
 CEQ and, 190–191
 in Darién Gap case, 187–188
 Eximbank and, 188–189
 under NEPA, 187–196
- FAO. *See* Food and Agricultural
 Organization
- Fisher, Joseph L., 96
- FOE. *See* Friends of the Earth
- FOEI. *See* Friends of the Earth International
 Food and Agricultural Organization
 (FAO), 24
- foreign aid, from U.S.
 to African nations, 42–43
 economic development through, 27–28

- through Marshall Plan, 27
 through Mutual Security Assistance, 64
 New Directions strategy for, 150–159
 through Point Four program, 27–28, 64
 to Tanganyika, 63–68
 through Truman Doctrine, 27
 Foreign Assistance Act, 64, 152
 Forests for the Future Initiative, 290–291
 Founex II, ecodevelopment and, 224–225
 Founex Report, 117, 118–119, 124
 Fox, Tom, 156, 161, 171. *See also*
 Volunteers in Technical Assistance
 Frank, Richard, 185–187
 Frankfurt Zoological Society, 89
 Friends of the Earth (FOE), 100–102
 accreditation of, 131
 AT movement and, 139
 NEPA and, 181
 Friends of the Earth International (FOEI),
 6, 101–102
- G-77. *See* Group of 77
 Galapagos Islands, biological research
 programs on, 34
 Gandhi, Indira, 124–125
 Gandhi, Mahatma, 145
 Gardner, Richard, 95
 GATT. *See* General Agreement on Tariffs
 and Trade
 GEF. *See* Global Environmental Facility
 General Agreement on Tariffs and Trade
 (GATT), 24
 Gilligan, John, 190
 global community, as concept, 92
 Global Environmental Facility (GEF), 272
 and Bush, G. H. W., 286–287
 NGOs in conflict with, 285
 Rio Earth Summit and, 284–289
 Global South. *See also* developing nations;
specific nations
 IDA lending in, 197
 intermediate technologies in, 146
 at 1972 Stockholm Conference,
 challenges from, 91–94, 112–120
 Nixon strategy for, 111–112
 World Bank lending in, 199–203
 GNP. *See* Gross National Product
 Goodland, Robert, 201–202
 Gore, Al, 286, 293
 Great Britain
 Tanzania and, 79–83
 technological development in, economic
 development from, 142
 Green Revolution, 144
 Greenberg, Eldon, 185
The Greening of America (Reich), 144
 Greenpeace, 100
 Gross National Product (GNP), 30, 65
 Group of 77 (G-77), 113, 168–169
 Rio Earth Summit and, 262–263, 276–278
 Stockholm Conference and, 113–115,
 121–122
 Grzimek, Bernhard, 18, 46–47, 51, 59
 Frankfurt Zoological Society and, 89
 on relocation of Maasai people, 62
- Halle, Mark, 243, 298, 305
 Hannah, John, 151
 ul Haq, Mahbub, 116, 224
 Harroy, Jean-Paul, 18, 38–39, 41
 Hayes, Randy “Hurricane,” 172
 Heim, Roger, 38–39
 Herter, Christian, Jr., 115, 119, 128–129
 Hirschman, Albert, 116
 Hoda, Mansur, 149, 156–157
 Holdgate, Martin, 56–57, 97, 103–104,
 294–295, 310
 Horberry, John, 203–204
 human environment, 92
 Huxley, Julian, 1–5, 56–57, 86, 91–92, 237,
 256–257, 304, 315
 ASP and, 42–49
 classical conservation efforts by, in East
 Africa, 45–46
 as international conservationist, 52–53
 on post-war institution building, 22–26
 on TVA, 29–30
 UNESCO and, 17–19, 25–26
 wildlife protection and, 32–42
- IDA. *See* International Development
 Association
 IFC. *See* International Facilitating
 Committee
 Iglesias, Enrique, 224
 IIAA. *See* Institute for Inter-American Affairs
 IEA. *See* International Institute for
 Environmental Affairs
 IIED. *See* International Institute for
 Environment and Development
 ILO. *See* International Labor Organization
 IMF. *See* International Monetary Fund

- India. *See also* Sardar Sarovar project
at 1972 Stockholm Conference, 93, 123,
124–125, 131
- indigenous peoples. *See also* Maasai people
land use patterns of, 63
- Inkeles, Alex, 141–142
- Institute for Inter-American Affairs
(IIAA), 27
- intermediate technologies, 138–139, 146
- Intermediate Technology Development
Group (ITDG), 139–140, 148–150
New Directions strategy for U.S. foreign
aid and, 156–158
software development by, 149
- International Development and Food
Assistance Act, 155–156
- International Development Association
(IDA), 64, 197, 203
- International Facilitating Committee
(IFC), 284
- International Institute for Environment and
Development (IIED), 6, 229–230
AT movement and, 139, 146–148
sustainable tropical forest management
and, 268
Ward and, 229–230
- International Institute for Environmental
Affairs (IIEA), 131
- international institutions. *See also*
non-governmental organizations;
United Nations; United Nations
Education, Social, and Cultural
Organization
economic development by, 26–32
Huxley on, 22–26
- International Labor Organization
(ILO), 150
- International Monetary Fund (IMF), 24
- International Rivers Network (IRN), 305
- International Tropical Timber
Agreement, 269
- International Union for the Conservation of
Nature (IUCN), 4, 18, 21–22. *See also*
Kinshasa Conference; Rio Earth
Summit; Stockholm Conference;
World Conservation Strategy
ASP and, 42–49
broadening of scope for, 98–100
conservation strategies, 73–75, 230–232
development of national parks by, 54–55,
78–88
division into commissions, 38
early financial struggles of, 39
funding strategies for, 49–50
goals and purposes of, 37–38
Kinshasa Conference and, 233–239
Maasai people and, 61–63
AT movement and, 170
Murchison Falls and, 83–88
Nyerere and, 57–61
preservation strategies, 73–75
response to colonialism in Africa, 41, 42–43
restructuring of, 97
structure of, 38–39
tourism as revenue stream for, 46–48
wildlife protection and, 32–42
WWF and, 49–51
in Zaire, 219–220
- International Union for the Protection of
Nature (IUPN), 35
- IRN. *See* International Rivers Network
- ITDG. *See* Intermediate Technology
Development Group
- IUCN. *See* International Union for the
Conservation of Nature
- IUPN. *See* International Union for the
Protection of Nature
- Izaak Walton League, 100
- Jikos project, 166–167
- Johnson, Lyndon, 75, 94–95
- Kahl, Joseph, 141–142
- Kasten, Robert W., 209
- Kaunda, Kenneth, 245
- Kennan, George, 103
- Kennedy, John, 42, 64
- Kenya
ATI in, 160, 165
Jikos project in, 166–167
Maasai people in, 61–63
national parks in, 70
UNEP in, 128–129
wildlife education in, 48
- Khrushchev, Nikita, 65–66
- Kinloch, Bruce, 69
- Kinshasa Conference, 233–239
- Kironde, Erisa, 85
- Kissinger, Henry, 110
- Koh, Tommy, 279, 288–289, 291
- Kristol, Bill, 275
- Kyoto Protocol, 299–300, 301–302, 311

Cambridge University Press

978-1-107-07261-9 - Of Limits and Growth: The Rise of Global Sustainable Development in the Twentieth Century

Stephen J. Macekura

Index

[More information](#)

Index

327

- Lamprey, Hugh, 71
 Latham-Koenig, Alfred, 149
 Lee, James, 197–199, 205, 207
 Leopold, Starker, 71
 Lerner, Daniel, 141–142
 Lesotho, 160
 Lewis, Arthur, 116
Limits to Growth report, 122, 137
 Lipshutz, Robert, 193
 Long, Clarence, 154–156, 158
Look, 44
 Lutzenberger, José, 215–216
- Maasai people
 bill of rights for, 62
 critique of, 62
 Grzimek on, 62
 national parks and, 61–63
Machine in the Garden (Marx, L.), 143
 MacNeill, Jim, 252, 305, 306–307, 309
The Making of a Counter Culture
 (Roszak), 143
 Mallaby, Sebastian, 304–305, 306–309
 Marcuse, Herbert, 143
 Marshall Plan, 27
 Marx, Karl, 141–142
 Marx, Leo, 143
 Mathews, Jessica Tuchman, 192, 194–195,
 212, 312–313
 Maurice, Henry, 38–39
 McGraw, Max, 50
 McMillan, Harold, 56–57
 McNamara, Robert, 89, 123, 144, 153,
 180, 197–199, 243–244. *See also*
 World Bank
 McRobie, George, 149, 157, 169
 Mead, Margaret, 124
 Milton, John, 178–179, 225
 Mondale, Walter, 193
 Montreal Protocol of 1987, 271
 Mountfort, Guy, 49–50, 237
 Moynihan, Daniel Patrick, 107, 118
 Muir, John, 39
 Mumford, Lewis, 141
 Munro, David, 221, 227, 235,
 242, 255
 Murchison Falls, as national park, 83–88
 under Amin rule, 86–88
 during Obote presidency, 84–87
 Muskie, Edmund, 99–100
 Mutual Security Assistance, 64
 Nairobi National Park, 70–71
 Nasser, Gamal Abdel, 31
 National Audubon Society, 100
 National Environmental Policy Act (NEPA),
 174, 176. *See also* environmental impact
 statements
 AID resistance to, 181–182
 under Carter, 189–190, 194–196
 EIS under, 180–187
 extraterritoriality under, 187–196
 FOE and, 181
 national parks. *See also specific national*
parks
 Arusha Declaration and, 56–61
 CAWM and, 68–75
 colonial policies in, 61–63
 conservation through, 47
 Era of Africa, 56–57
 establishment of, 47
 funding issues for, 81–83
 in international media, 61
 IUCN and, 54–55, 78–88
 in Kenya, 70
 Maasai people in, 61–63
 NGOs and, 78–88
 Nyerere and, 57–61, 72
 post-colonial preservation and, 56–61
 in Tanzania, 56, 80
 in Uganda, 56, 61, 83–88
 WWF and, 54–55, 78–88
 National Parks Conservation Society, 100
 National Resources Defense Council
 (NRDC), 6, 174, 182–184, 202
 National Wildlife Federation (NWF), 100,
 181, 202
 NATO. *See* North Atlantic Treaty
 Organization
 Nature Conservancy, 100
 Nehru, Jawaharlal, 31, 143
 Nelson, Gaylord, 99–100
 NEPA. *See* National Environmental
 Policy Act
 New Directions strategy, for U.S. foreign aid,
 150–154
 ATI and, 158–159
 ITDG and, 156–158
 AT movement and, 154–159
 VITA and, 156
 NGOs. *See* non-governmental organizations
 Ngurdoto Crater National Park, 59, 61, 68
 Nicholls, Frank, 98

- Nicholson, E. Max, 18, 49, 56–57, 82–83, 89, 98–99, 116, 256–257
- 1972 Stockholm Conference. *See* Stockholm Conference
- Nixon, Richard, 42
- CCMS and, 105–108, 130–131
- CEQ and, 106
- CMMS under, 105–108
- environmental policy under, 104–113, 130
- Global South strategy for, 111–112
- New Directions strategy of, 150–159
- Soviet foreign policy for, 107–108
- Train as environmental advisor to, 105–106, 107
- USAID policy under, 112, 151
- Nkrumah, Kwame, 31, 143
- non-governmental organizations (NGOs). *See also* environmental impact statements; environmental NGOs; environmentalism; *specific organizations*
- accreditation of, 120, 131
- on AID pesticide program, 184–185
- campaigns against World Bank, 196–217
- conflicts with GEF, 285
- conservation programs of, 21, 229–233
- environmental campaigns by, against U.S., 174–175
- within global community, 92
- growth of, 304–306, 315–316
- holistic approach of, for conservation programs, 229–233
- incorporation of AT principles within, 170
- interactions with governing institutions, 7, 170–172, 173–175, 217–218, 220–223, 226–229, 307–309, 313–314
- legitimacy of, 306–309
- limits of, 304–306, 315–316
- national parks and, 78–88
- at 1972 Stockholm Conference, 92–94, 104–113, 120–121, 131–133
- political power of, 312–315
- as public proxy, 307
- purposes of, 18–19, 309–312
- as PVOs, 152–153
- response to tropical deforestation, 266, 269
- at Rio Earth Summit, 269–272, 279–284
- sustainable development and, 1–13
- in Uganda, 304–305
- North Atlantic Treaty Organization (NATO), 104–113
- NRDC. *See* National Resources Defense Council
- NWF. *See* National Wildlife Federation
- Nyerere, Julius, 31
- Africanization movement under, 68, 69–70
- Arusha Declaration and, 59–60
- ATI and, 161–164
- economic development under, 72–73
- foreign policy under, 78
- modernization under, 75–78
- national park development under, 57–61, 72
- nationalism under, 75–78
- at 1972 Stockholm Conference, 123–124
- pan-African solidarity under, 75
- railroad network projects under, 76–78
- response to British foreign policy in Africa, 79–83
- TANU and, 57–58, 60
- Ujamaa* programs under, 88–90
- OAU. *See* Organization for African Unity
- Obama, Barack, 302
- Obote, Milton, 84–87
- ODC. *See* Overseas Development Council
- ODI. *See* Overseas Development Institute
- Odo-Fadaka, Jimoh, 231
- OECD. *See* Organization for Economic Cooperation and Development
- OEEC. *See* Organization for European Economic Cooperation
- Olemba, Reuben, 241
- Olin, John, 50
- One Dimensional Man* (Marcuse), 143
- Only One Earth* (Brower), 121
- Only One Earth* (Dubos and Ward), 121
- Organization for African Unity, 119
- Organization for Economic Cooperation and Development (OECD), 30
- Organization for European Economic Cooperation (OEEC), 30
- Osborn, Fairfield, 33, 50
- Overseas Development Council (ODC), 152
- Overseas Development Institute (ODI), 149
- Owen, John, 70, 80, 81–83
- Owens, Edgar, 158
- Palme, Olaf, 124
- parks. *See* national parks

Cambridge University Press

978-1-107-07261-9 - Of Limits and Growth: The Rise of Global Sustainable Development in the Twentieth Century

Stephen J. Macekura

Index

[More information](#)

Index

329

- Patel, I. G., 116
- Patkar, Medha, 215–216
- Pell, Claiborne, 127–128
- Pelosi, Nancy, 212
- Perkins, James A., 151
- Perot, Ross, 292
- Peterson, Rudolph, 151
- Philip (Prince), 49–50
- Pinchot, Gifford, 40
- Point Four program, 27–28, 64
- Polonoroeste project, 199–203
- Poore, Duncan, 234, 235
- The Population Bomb* (Ehrlich), 102–103
- Power, Thomas, 241–242
- preservation. *See also* environmentalism
 conservation compared to, 21, 40
 through IUCN, 73–75
 through national parks, 56–61
 through WWF, 73–75
- private and voluntary organizations
 (PVOs), 152–153
- Quayle, Dan, 275
- Queen Elizabeth National Park, 79
- Rainforest Action Network, 172
- Reagan, Ronald, 206, 272
- reconstruction, economic, 26–32
- REDs. *See* Regional Environment Divisions
- Regan, Donald, 208
- Regional Environment Divisions
 (REDs), 212
- Reich, Charles, 144
- Reilly, William, 270, 273, 276, 290, 296
- relief programs, economic development
 through, 26–32
- Rhodesia, 75–76
- Rich, Bruce, 170, 202, 203–204, 208,
 209–210, 212–213, 305–306, 309
- Richards, Owain, 34
- Rio Earth Summit
 additionality and, 262–263, 280,
 281–282, 284–289, 297
 Bush, G. H. W., and, 261, 270
 Convention on Biological Diversity and,
 278–279, 288
 developing nations and, 276–279
 environmentalism movement and,
 268–272
 G-77 and, 262–263, 276–278
 GEF and, 284–289
- global political context for, 265–268
 institutional control during, 284–289
 NGOs at, 269–272, 279–284
 North-South divisions during, 278–279
 political conflicts during, between NGOs,
 279–284
 political legacy of, 296–299
 Strong and, 263, 269, 277, 279, 282, 283,
 288–289, 291, 297
 sustainable development and, 277
 U.S. involvement in, 272–276
 U.S. isolationism and, 289–295
- Ripley, Dillon, 50
- Rockefeller, Nelson, 151
- Rostow, Walt W., 31, 142
- Roszak, Theodor, 143
- Runnals, David, 116, 249, 283, 298
- Sachs, Ignacy, 223, 231
- Salisbury, Edward, 34
- Sarasin, Paul, 36–37
- Sardar Sarovar project, 214–217
- Sarney, José, 214
- Scharlin, Patricia, 240
- Schumacher, Ernst Friedrich, 137–138,
 150, 231
 critique of technology, 144–146,
 167–168
 on intermediate technology, 146
 ITDG and, 139–140, 148–150
- Schumpeter, Joseph, 141–142
- Scott, Peter, 18, 44, 49–50, 84, 86, 97, 304
- Seko, Mobutu Seso, 219–220, 234
- Serengeti Shall Not Die*, 90
- Shultz, George, 112
- Siemer, Deanne C., 191
- Sierra Club, 100, 188
- Silent Spring* (Carson), 95, 99, 144
- Small is Beautiful* (Schumacher),
 137–138, 150
- small-scale technologies. *See* Appropriate
 Technology movement
- Smith, Ian, 75–76
- Society for the Preservation of the Wild
 Fauna of the Empire (SPWFE), 36–37
- Sodré, Abreu, 214
- Soviet Union
 economic development and, 65–66
 environmental problems in, 105
 life expectancy increases in, 65
 Nixon foreign policy on, 107–108

- Special United Nations Fund for Economic Development (SUNFED), 64
- Speth, James Gustave “Gus,” 190, 194, 212
- SPWFE. *See* Society for the Preservation of the Wild Fauna of the Empire
- The Stages of Economic Growth* (Rostow), 31
- Stanton, J. William, 205–206
- Stern, Ernest, 209–210
- Stockholm Conference (1972), 120–128
 Action Plan developed as result of, 126–127
 Brazil at, 113–114, 115
 “Declaration on the Human Environment,” 125–126
 environmental legacy of, 128–131
 environmental movement and, 92
 environmental NGOs in, 92–94, 104–113, 120–121, 131–133
 Founex Report and, 117, 118–119, 124
 Global South and, challenges to, 113–120
 historical origins of, 94–104
Limits to Growth report and, 122, 137
 Nyerere at, 123–124
 OAU criticisms of, 119
 political momentum as result of, 131–133
 political symbolism of, 94
 Train at, 109–113, 124
 UNEP as result of, 126, 128–129
 World Heritage Trust and, 109–110
- Stoel, Thomas, Jr., 202, 205, 241
- Stolan, Victor, 49
- Strong, Maurice, 109, 116–118, 119, 131, 221, 223, 224, 229–230, 255, 314
 Brundtland Commission and, 252
 CDC and, 244
 GEF and, 272
 Rio Earth Summit and, 263, 265–268, 269, 277, 279, 282, 283, 288–289, 291, 297
 UNEP and, 226–229, 235
 World Conservation Strategy and, 239–240, 249
- Summers, Larry, 285
- SUNFED. *See* Special United Nations Fund for Economic Development
- Sununu, John, 275
- sustainable development
 alternative approaches to, 221
 basic human needs critique of, 220–221
 Brundtland Commission, 251–252
 criticism of, 253
 cultural diversity and, 232–233
 environmental critique of, 220–221
 historical development of, 1–13, 222–223, 312
 IIED and, 268
 meaning of, 8–9, 241–243, 251–256, 264, 309–312
 in national planning, 222–223
 NGOs and, 1–13
 optimism for future of, 255–257
 organizational conflicts in, 12
 popularization of, 252–253
 Rio Earth Summit and, 277
 World Conservation Strategy and, 251–255, 264, 277
 in Zaire, 222–223
- Talbot, Lee, 62, 71, 102, 109, 182, 221, 235, 240, 255
 on World Conservation Strategy, 243
- Tanganyika
 AID in, 63–68
 community development programs in, 67
 economic development in, 72–73
 national parks in, 56, 57–61
 Ngurdoto Crater National Park in, 59, 61, 68
 U. S. foreign aid to, 63–68
- Tanganyika African National Union (TANU), 57–58, 60
- Tanganyika National Parks, 70–71
- Tansley, Arthur, 34, 39
- TANU. *See* Tanganyika African National Union
- Tanzania. *See also* Tanganyika
 Africanization of civil servants in, 68, 80
 AID in, 73
 ATI in, 161–164
 British involvement in, 79–83
 economic development in, 78, 88–89
 national parks in, 80
 tourism in, 89
- The Technological Society* (Ellul), 143
- technology. *See also* Appropriate Technology movement
 capital equipment transfer with, 142–143
 criticisms of, in environmental writing, 144
 economic development through, 142
 Green Revolution and, 144
 intermediate, 138–139, 146

- post-war development processes for, 141–143
- Schumacher's critique of, 144–146, 167–168
- Tennessee Valley Authority (TVA), 29–30
- Thacher, Peter, 227, 280–281, 283
- Thant, U., 126, 145
- Thorp, Willard, 28
- tourism
- in Africa, as revenue stream, 46–48
 - AID and, 73
 - in Tanzania, 89
- Train, Russell, 1, 2–5, 56–57, 84, 85, 91–92, 95–96, 102, 158–159, 182, 192, 293, 304, 315
- on Africanization of civil servants, 69
 - AWF and, 43–44
 - as environmental advisor to Nixon, 105–106, 107
 - on environmental litigation, effectiveness of, 183–184
 - at Kinshasa Conference, 236–237
 - on AT movement, 139, 147
 - at 1972 Stockholm Conference, 109–113, 124
 - on U.S. environmental policy, 104–113
 - Ward and, 236–237
 - World Conservation Strategy and, 243–244
 - World Heritage Trust and, 109–110, 127
 - WWF and, 49–50
- Truman Doctrine, 27
- Turner, Ted, 289
- TVA. *See* Tennessee Valley Authority
- Udall, Stewart, 71, 97
- Uganda
- Bujagali dam in, 305
 - economic development strategies in, 84
 - IRN in, 305
 - Murchison Falls in, 83–88
 - national parks in, 56, 61, 83–88
 - NGOs in, 304–305
 - Queen Elizabeth National Park in, 79
- Ujamaa* programs, under Nyerere, 88–90
- UN Conference on Trade and Development (UNCTAD), 113. *See also* Group of 77
- UN Law of the Seas (UNCLOS), 113
- UNCHE. *See* United Nations Conference on the Human Environment
- UNCLOS. *See* UN Law of the Seas
- UNCTAD. *See* UN Conference on Trade and Development
- UNEP. *See* United Nations Environment Program
- UNESCO. *See* United Nations Education, Social, and Cultural Organization
- UNIDO. *See* United Nations Industrial Development Organization
- United Nations
- Articles of, 23–24
 - founding of, 17–19
 - specialized agencies within, 24
- United Nations Conference on the Human Environment (UNCHE), 90–91. *See also* Stockholm Conference
- United Nations Education, Social, and Cultural Organization (UNESCO)
- Huxley and, 17–19, 25–26
 - purpose and goals of, 25
- United Nations Environment Program (UNEP), 126, 128–129. *See also* World Conservation Strategy
- in developing community, 226–229
 - environmental NGOs and, 227–229
 - in Kenya, 128–129
 - Strong and, 226–229, 235
- United Nations Industrial Development Organization (UNIDO), 150
- United Nations Relief and Recovery Administration (UNRRA), 27
- United States (U.S.). *See also* foreign aid, from U.S.
- Clean Air Act in, 273, 276
 - Convention on Biological Diversity and, 299
 - early conservation strategies in, 95–96
 - EIS incorporation by, 173–175
 - environmental policy in, 104–113, 130, 272–276, 301–302
 - foreign aid programs, for economic development, 27–28
 - Foreign Assistance Act in, 64, 152
 - International Development and Food Assistance Act in, 155–156
 - NEPA in, 174, 176
 - NGO campaigns against, 174–175
 - at Rio Earth Summit, 272–276, 289–295
 - technological development in, economic development from, 142
 - Wilderness Act in, 95
- UNRRA. *See* United Nations Relief and Recovery Administration

- U.S. Agency for International Development (USAID), 7, 64
under Kennedy, 64
under Nixon, 112, 151
- Van Straelen, Victor, 41
- Van Tienhoven, P. G., 36–37
- VITA. *See* Volunteers in Technical Assistance
- Vogt, William, 33, 35
- Volunteers in Technical Assistance (VITA), 6
in Africa, 161
AT movement and, 139–140, 148–150
New Directions strategy for U.S. foreign aid and, 156
ODI and, 149
- Walker, Brian, 210
- Ward, Barbara, 96, 104, 116, 117, 121, 124, 126, 159, 192, 221, 255, 283, 298
on ecodevelopment, 224, 225–226
IIEA and, 131
IIED and, 229–230
on AT movement, 139, 146–148, 168
Train and, 236–237
World Conservation Strategy and, 239
- Warren, Charles, 190, 194
- Watterson, Gerald G., 48
- Waxman, Henry, 286
- WHO. *See* World Health Organization
- Wilderness Act, 95
- Wilderness Society, 95, 100
- Wildlife Conservation Society of Zambia, 248
- wildlife protection
in Africa, 1–2, 48–49
under ASP, 48–49
decolonization as influence on, 1–3
development history of, 32–42
economic development and, 3
Huxley role in, 32–42
IUCN and, 32–42
- Wilson, Geoffrey, 82–83
- Wilson, Harold, 82
- wise use resource conservation, 40
- World Bank, 24, 64. *See also* Brundtland Commission
in Brazil, 199–203, 213–214
- EDF campaign against, 212–213
EIS and, 173–175
in Global South region, 199–203
lending policy changes, 180
NGO campaigns against, 196–217
Polonoroeste project and, 199–203
RED in, 212
Sardar Sarovar project, 214–217
Train contact with, 207
World Conservation Strategy
and, 251
World Conservation Strategy. *See also* Rio Earth Summit
AID and, 249–250
Allen and, 240–242
historical development of, 221–222, 238–244
implementation of, 244–251
local participation in, 247–248
Strong and, 239–240, 249
sustainable development and, 251–255, 264, 277
Talbot and, 243
Train and, 243–244
Ward and, 239
World Bank and, 251
in Zambia, 244–251
- World Health Organization (WHO), 24
- World Heritage Trust, 109–110, 127
- World Wildlife Fund (WWF), 4, 18, 21–22.
See also Rio Earth Summit; Stockholm Conference; World Conservation Strategy
broadening of scope for, 98–100
CCTA and, 73–75
conservation programs under, 73–75
development of national parks by, 54–55, 78–88
expansion of membership in, 100
funding for, 51
goals and purposes of, 50–51
historical development of, 49–51
IUCN and, 49–51
Maasai people and, 61–63
Murchison Falls and, 83–88
Nyerere and, 57–61
people-centered approach to, 310
preservation strategies for, 73–75
restructuring of, 97
trustee founders for, 49–50

Cambridge University Press

978-1-107-07261-9 - Of Limits and Growth: The Rise of Global Sustainable Development
in the Twentieth Century

Stephen J. Macekura

Index

[More information](#)*Index*

333

- World Wildlife Fund-United States
(WWF-US), 236–238
- Worthington, E. B., 49–50, 87
- WWF. *See* World Wildlife Fund
- WWF-US. *See* World Wildlife Fund –
United States
- Yeutter, Clayton, 290
- Zaire. *See also* Kinshasa Conference
IUCN in, 219–220
sustainable development in, 222–223
- Zambia, 75–76
- Wildlife Conservation Society in, 248
- World Conservation Strategy in,
244–251
- Zanzibar, 75