

Index

- ability-to-pay principle, 175, 176, 177, 187
- adaptation. *See* climate change
- Adorno, Theodor, 59
- Africa, 62, 79, 221
- albedo, 70, 73, 192, 193, 194
- alternative policy, 23, 42
- anthropocene, 31, 35, 190, 200
- antipoverty principle*, 5, 22, 23, 25, 43, 60, 118, 120, 125, 143, 144, 198, 207, 214, 215, 216, 218, 219, 220, 235
- applied ethics*, 4, 213
- AR4. *See* Intergovernmental Panel on Climate Change
- Arctic, 72, 252
- argument from uncertainty*, 190, 191, 192
- Australia, 35, 124

- Beckerman, Wilfred, 224
- Bentham, Jeremy, 95, 99, 108, 114, 115
- biodiversity, 30, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 45, 47, 49, 53, 54, 56, 58, 59, 61, 192, 195
- Brazil, 94, 164, 205
- Brazilian Proposal, 165, 166
- Brecht, Bertolt, 218
- Broome, John, 114
- Brundtland Report, 125, 126, 131, 135
- business-as-usual, 66, 67, 68, 73, 75, 76, 79, 118, 121, 147, 148, 231, 237, 238
- Butt, Daniel, 170

- Canada, 71, 72, 124, 141
- Cancun. *See* Conference of the Parties
- Caney, Simon, 177, 222, 223, 225
- capabilities, 154, 163, 164

- carbon capture and storage*, 194, 195
- China, 67, 94, 142, 150, 205
- Cicerone, Ralph J., 194, 195, 202
- climate change
 - adaptation to climate change, 2, 79, 94, 95, 124, 135, 141, 152, 154, 157, 163, 164, 172, 182, 184, 186, 187, 188, 189, 193, 202, 204, 205, 206, 220, 223, 226, 232
 - climate change agreement, 1, 2, 67, 132, 140, 163, 179, 182, 184, 193, 196, 203, 204, 205, 206, 207, 208, 209
 - climate change mitigation, 1, 5, 7, 22, 67, 73, 81, 84, 87, 92, 93, 95, 109, 110, 111, 124, 125, 134, 141, 142, 143, 146, 147, 150, 152, 163, 164, 172, 175, 178, 180, 186, 198, 204, 206, 208, 210, 230, 232, 233, 234
 - climate change negotiations, 2, 9, 135, 164, 204, 233
 - climate change policy, 1, 3, 4, 5, 6, 8, 9, 10, 11, 15, 18, 20, 21, 22, 23, 27, 29, 31, 67, 74, 117, 120, 123, 127, 132, 133, 135, 136, 153, 165, 179, 197, 207, 208, 209, 214, 220, 222, 234, 235
 - climate change regime, 1, 175, 239
 - costs of climate change, 5, 6, 7, 22, 79, 92, 93, 94, 95, 97, 111, 112, 120, 154, 214, 231, 232, 233
 - dangerous climate change, 2, 5, 10, 11, 12, 14, 16, 18, 23, 24, 25, 29, 43, 74, 124, 132, 135, 150, 154, 159, 174, 178, 182, 204, 206, 214
 - impacts of climate change, 17, 189
 - climate sensitivity*, 68, 69, 70, 73, 75, 76, 77, 78, 80, 81, 84, 86, 87, 89, 93, 118, 159

Cambridge University Press

978-1-107-01730-6 - The Moral Challenge of Dangerous Climate Change: Values, Poverty, and Policy

Darrel Moellendorf

Index

[More information](#)

260

Index

- CO₂
 concentration, 9, 16, 36, 69, 70, 73, 75
 emissions, 7, 15, 16, 91, 93, 111, 121, 132, 133, 134, 135, 136, 139, 143, 150, 159, 171, 172, 177, 182, 183, 184, 185, 203, 204, 207, 208, 211, 216, 218
 mitigation. *See* climate change mitigation
community of justification, 207, 208, 209
 Conference of the Parties, 2, 136
 Bali (Thirteenth), 205
 Cancun (Sixteenth), 23, 181, 186
 Copenhagen (Fifteenth), 183, 205, 208, 209
 Durban (Seventeen), 123, 209
 consumption
 energy consumption, 2, 18, 19, 20, 23, 126
 fossil fuel consumption, 23, 73, 74, 92, 162
 intergenerational consumption, 6, 105, 106, 112, 113, 117
 resource consumption, 92, 93, 94, 96
 Convention on Biodiversity, 42
 COP. *See* Conference of the Parties
 Copenhagen. *See* Conference of the Parties
 Copenhagen Accord, 8, 181, 182, 186, 208
 cost-benefit analysis, 41, 87, 88, 89
 Crutzen, Paul J., 31, 193, 194, 195, 202
- Dasgupta, Partha, 103, 104, 105
deep justification, 140, 142
 Declaration on Climate Justice, 240–244
 Dewey, John, 13, 14
 Difference Principle, 174, 216
discounted utilitarianism, 26, 92, 95, 116, 117
 Durban. *See* Conference of the Parties
 Durban Platform, 123, 209
- ecological dilemma*, 190, 191, 192
 ecological value, 47, 48, 53
 economists, 64, 93, 100, 103, 129, 186
 ecosystems, 30, 32, 38, 47, 48, 49, 58, 79, 190, 191, 192
 efficacy, 1
 efficiency, 1, 2, 146, 147, 148, 149, 237
 elasticity of marginal consumption, 100, 102, 103, 104, 105, 106, 107, 110, 111, 112
 Emerson, Ralph Waldo, 31, 52, 248
 emission. *See* CO₂
 Endangered Species Act, 32, 42, 190, 257
 energy
 consumption. *See* consumption
 energy policy, 15, 22, 26, 73, 132, 162, 213, 217, 227, 228, 229
 energy poverty, 17, 18, 206
 renewable energy, 121, 132, 134, 136, 143, 159, 162, 163, 183, 203, 207, 209
 equity, 1, 154, 163
 Europe, 71
 European Union, 103, 124, 138, 181, 234
 extinction, 19, 29, 32, 34, 35, 36, 39, 42, 49, 53, 56, 58, 60, 70, 79, 80, 84, 86, 89, 109, 119, 189, 190, 191
- fairness, 1, 7, 126, 142, 143, 153, 168, 174, 177, 178
 fault, 165, 166, 167, 168, 169, 171, 172, 173, 178, 187
 Fault, 173, 177
First Assessment Report. See Intergovernmental Panel on Climate Change
 fossil fuel, 17, 23, 67, 73, 74, 120, 133, 162, 183, 204, 210
Fourth Assessment Report. See Intergovernmental Panel on Climate Change
 frankenstorm, 8, 211, 212
 future generations. *See* generations
- Gardiner, Stephen M., x, 83, 84, 160, 164, 167, 168, 174, 197, 198, 199, 200, 206, 248, 255
 GDP, 26, 80, 84, 86, 96, 101, 118, 230, 231
 generations
 future generations, 5, 7, 22, 24, 55, 87, 88, 91, 98, 102, 111, 116, 120, 121, 122, 124, 125, 127, 139, 154, 159, 160, 162, 172, 205, 214, 216, 239
 present generations, 98, 226
 geoengineering, 182, 184, 193, 195, 196, 201, 202
 global justice, 124, 139, 140, 142, 224
 Green Climate Fund, 186
green objection, 190, 192, 200
 greenhouse gases, 9, 21, 68, 71, 85, 118, 119, 132, 133, 158, 162, 169, 173, 176, 184, 193, 203, 211, 222, 223. *See also* CO₂; methane
 Greenland ice sheet, 71, 194
 Grotius, Hugo, 170
- Hart, 64, 155, 156, 249, 250
 Hobbes, Thomas, 36, 37, 249

Cambridge University Press

978-1-107-01730-6 - The Moral Challenge of Dangerous Climate Change: Values, Poverty, and Policy

Darrel Moellendorf

Index

[More information](#)

Index

261

- Honoré, A. M. (Tony), 155, 156, 168, 249
- human development, 1, 2, 5, 7, 18, 19, 21, 24, 27, 28, 42, 56, 60, 74, 79, 121, 128, 129, 130, 132, 133, 134, 135, 138, 139, 140, 141, 142, 143, 144, 145, 147, 150, 153, 159, 162, 163, 164, 173, 175, 176, 177, 178, 179, 180, 186, 187, 206, 221, 231, 233
- human dignity, 5, 10, 21, 25, 29, 42, 43, 45, 59, 60, 97, 116, 117, 118, 143, 158
- human rights, 10, 24, 25, 26, 143, 144, 145, 220, 222
- Human Rights, 221
- human rights argument, 220, 223, 224, 225, 226, 228, 229, 230, 232, 233, 235
- hunger, 162, 221, 222
- intergenerational justice, 92, 124, 153, 223
- Intergovernmental Panel on Climate Change, 13, 16, 19, 36, 66, 67, 91, 119, 121, 134, 166, 189, 205, 211, 220, 249, 251. *See also* United Nations *First Assessment Report*, 166 *Fourth Assessment Report (AR4)*, 19, 36, 66, 67, 68, 69, 70, 71, 75, 91, 205, 249, 251
- International Covenant on Economic, Social, and Cultural Rights, 127
- International Paretianism, 146, 147, 148, 149, 236, 237, 238
- IPCC. *See* Intergovernmental Panel on Climate Change
- iris effect*, 69
- Jamieson, Dale, 160, 195, 196
- justice, 7
- Kennedy, Martin, 72
- Keohane, Robert O., x, 2, 3, 138, 246, 250
- Knight, Frank L., 64
- Kyoto Protocol, 2, 165, 253
- land ethic, 33, 47, 191
- legitimacy, 137, 138, 201
- Leopold, Aldo, 47, 48, 49, 191, 251
- Lomborg, Bjørn, 18, 86, 87, 89, 251
- Marx, Karl, 43, 44, 64, 250, 251
- maximin, 83
- methane, 70, 71, 72, 73, 119, 194, 200, 202, 250, 252
- migration, 36
- assisted migration, 8, 184, 189, 190, 191, 192, 200, 202
- species migration, 182
- Mill, John Stuart, 28, 46, 118, 153
- Miller, David, 155, 156, 157, 158
- minimax*, 6, 81, 82, 83, 84, 85, 86, 88, 89, 119, 191, 200
- mitigation. *See* climate change mitigation
- mitigation principles. *See* antipoverty principle; polluter-pays principle; ability-to-pay principle
- moral
- moral creditors, 7, 153
- moral debtors, 7, 153
- moral hazard, 103, 184, 185, 202
- moral philosophy. *See* philosophy
- moral reasons, 17, 22, 27, 60, 113, 130, 140, 148, 199, 206, 224, 239
- moral uncertainty. *See* uncertainty
- morally constrained CO₂ emissions budget*, 7
- NASA, 74, 78, 252
- National Academies, 194
- negotiations. *See* climate change negotiations
- no worse-off argument*, 213
- non-identity problem, 213, 214, 215, 216, 218, 219, 227
- Nordhaus, William, 26, 80, 93, 94, 98, 99, 103, 107, 109, 110, 111, 112, 116, 253
- normative ethics, 8, 213
- normative gap*, 6, 45, 46, 49, 140
- norms, 2, 13, 16, 77, 123, 136, 137, 138
- Northcott, Michael S., 31, 253
- ocean acidification, 200, 201
- Page, Edward A., 171, 172, 215, 253
- Pareto Optimal, 147
- Pareto Superior, 147, 148, 238, 239
- Parfit, Derek, 98, 110, 213, 217, 218, 227, 228, 229
- personal analogy*, 5, 10, 14, 15, 16, 18, 20, 73, 94, 206
- philosophy
- applied political philosophy*, 4
- moral philosophy. *See* moral
- practical philosophy*, 5
- public philosophy, 5

Cambridge University Press

978-1-107-01730-6 - The Moral Challenge of Dangerous Climate Change: Values, Poverty, and Policy

Darrel Moellendorf

Index

[More information](#)

262

Index

- pledge and review, 8, 208
- pluralism. *See* value
- policy. *See* climate change policy
- polluter-pays principle, 164, 165, 172, 177, 187
- Posner, Eric A., 1, 85, 87, 136, 146, 147, 148, 149, 166, 236, 237, 239, 253
- Posner, Richard A., 87, 88, 89
- poverty
 - energy poverty. *See* energy
 - global poverty, 1, 22, 29
 - poverty eradication, 1, 2, 6, 10, 22, 24, 26, 27, 29, 74, 120, 214, 215
- practical ethics*, 5
- precaution, 40, 81, 86, 88, 118, 119, 120, 121, 200
- precautionary approach, 6, 7, 40, 41, 84, 87, 119, 195
- precautionary principle, 81, 83, 85, 86, 87, 88, 89
- precautionary reasoning, 40, 89, 92
- present generations. *See* generations
- psychological fallacy*, 6, 87, 90, 91, 94, 95, 104, 107, 112
- public philosophy*. *See* philosophy
- Pufendorf, Samuel, 37, 38, 42, 43, 60, 253
- pure time preference, 98, 100, 106, 107, 109, 110, 112
- Ramsey, Frank P., 63, 100, 110, 111, 254
- Rawls, John, 10, 21, 83, 128, 130, 139, 154, 173, 174, 216, 219, 248, 253, 254
- reasons for consumption, 18, 23, 74, 92, 94, 116
- reasons for mitigation, 7, 18, 19, 63, 89, 157
- regulation, 85, 86, 150, 207
- relativism, 14
- responsibility, 7, 153, 154
 - beneficiary responsibility, 169, 170, 173, 187
 - causal responsibility, 155
 - moral responsibility, 154, 156, 158, 160, 161, 162, 168
 - outcome responsibility, 155, 156, 158, 162, 163, 169
 - outcome responsible, 155, 156, 162, 223, 224
 - social responsibility*, 7, 157, 163, 164, 173, 174, 177, 180
- right to sustainable development, 7, 123, 124, 126, 127, 131, 132, 133, 135, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 153, 163, 173, 176, 187, 198, 203, 204, 236, 237, 238, 239
- Rio Declaration, 62, 127, 256
- risk, 26
- risk-benefit analysis, 12, 64
- Sagoff, Mark, 41, 254
- Sandy. *See* frankenstorm
- scientists
 - climate scientists, 10, 11, 13, 14, 68, 75, 80, 139, 187
 - social scientists, 5, 94
- Sen, Amartya, 129, 130
- shallow justification, 142
- Shue, Henry, 120
- Singer, Peter, x, 98, 99, 107, 108, 256
- Sober, Elliot, 40, 191, 256
- social discount rate, 6, 80, 92, 93, 94, 95, 97, 98, 99, 100, 102, 106, 107, 110, 111, 112, 115, 116
- states
 - developed states, 132, 135, 141, 178, 186, 187
 - developing states, 187, 206
 - highly developed states, 1, 7, 124, 131, 133, 134, 139, 147, 149, 150, 178, 179, 206, 238, 239
 - least developed states, 23, 79, 132, 187, 206
- Stern Review*, 26, 64, 79, 80, 93, 94, 98, 103, 109, 256, 258
- Stern, Nicholas, 80
- strict liability, 167, 168, 169, 171, 172, 177, 187
- Sunstein, Cass, 82, 86, 256
- superficial justification, 125, 142
- Taylor, Paul W., 44, 45, 46, 47, 255, 256
- thermal inertia of the oceans, 6, 9, 16, 24, 91, 212
- uncertainty, 6, 63, 64
 - cascading uncertainty*, 70, 119, 132
 - epistemic uncertainty*, 65, 69, 73, 76, 79, 85, 185, 187
 - metaphysical uncertainty, 41
 - moral uncertainty*, 65, 66, 67, 68, 73, 79, 185, 188
- UNFCCC. *See* United Nations
- United Nations, 125, 127
- United Nations Development Programme, 24, 25, 27, 28, 129, 133, 134, 135, 145, 186, 257

- United Nations Environmental Programme, 166, 208, 256, 257
- United Nations Framework Convention on Climate Change, 1, 2, 3, 7, 9, 23, 32, 62, 63, 81, 85, 91, 123, 124, 126, 135, 138, 143, 154, 164, 165, 181, 186, 206, 209, 257
- United States, 8, 38, 71, 94, 124, 129, 130, 133, 138, 141, 170, 179, 205, 212, 217, 253, 257
- Universal Declaration of Human Rights, 20, 24, 25, 145, 221, 256
- urgency, 8, 140, 181, 182, 183, 203, 209
- utilitarianism, 95
- utility, 26, 41, 100
 - decreasing marginal utility*, 101, 102, 104, 105, 108
 - expected utility, 26
- value, 3
 - aesthetic value, 6, 32, 33, 49, 50, 53, 56, 59, 60, 191
 - economic value, 6, 33, 38, 39, 40, 41, 42, 46, 53, 54, 55, 56, 189, 191
 - human value. *See* human dignity
 - value pluralism, 33, 46, 48, 55, 59
- Van Dyke, John C., 6, 49, 50, 51, 52, 53, 54, 59, 258
- Vattel, Emerich de, 143, 258
- Victor, David G., 2, 208, 209, 212, 250, 258
- warming limits, 7
- Weisbach, David, 1, 146, 147, 148, 149, 165, 166, 168, 236, 237, 239, 253, 258
- Weitzman, Martin, 26, 64, 104, 105, 112, 116, 258
- well-being, 16, 20, 21, 25, 38, 42, 50, 73, 87, 90, 91, 92, 110, 112, 129, 145, 175, 177, 199, 213, 214, 215, 216, 221
- Wilson, Edward O., 34, 38, 39, 54, 55, 258
- World Bank, 103, 130, 186
- World Trade Organization, 138, 209
- Young, Iris Marion, 157