Index

abortion 96, 200
achievement principle 39
ageing 308–11
see also retirement
Agius, Emmanuel 16, 18, 291, 317–32
Albania
Article 59 217
generation protection 217
Altruism 87, 88, 89, 90, 91, 181
Amsterdam Treaty 15, 219
animal rights 30, 40, 59, 61, 74, 80, 199, 201, 221
animals, International Convention for the Regulation of Whaling 284–5
Argentina
Article 41 193, 230
intergenerational justice constitution 193, 230
Armand, Louis 231
artificial capital 12
Australia, Ombudsman 287
Austria
economic research institutes 303
MPs’ age distribution 211
public debt 175, 178
autonomy 79
backcasting 253–4
arguments against 99–103, 187
theory of intergenerational justice, impossibility of 8–9, 53–71, 201
behavioural finance 142
Belgium
economic research institutes 303
legal security requirement 110
MPs’ age distribution 211
proportional system 176
public debt 175, 178
beneficiary universalism 7–8, 40–41, 47, 91
benevolence 58, 92–3
Bentham, Jeremy 36, 42, 75
biodiversity 136
Bioethics Convention 318–19
Birnbacher, Dieter 7, 23–38, 201, 203
birth control 28–9, 67, 75–6, 77
see also population growth
Böhm-Bawerk, Eugen von 36
Bonici, Ugo 244
Bourg, Dominique 16, 230–43
Brazil
Article 225 193, 230
intergenerational justice constitution 193, 230
Broome, John 158, 159, 164
Brown Weiss, Edith 37, 320, 330–31
Brundtland Report 33, 235
buck-passing, intergenerational 13–14, 15, 148–69
and climate change 150–52, 155, 156, 158–9
and compensation 153, 154
cost–benefit analysis 156–61, 164
and moral corruption 161, 165–6
and nuclear protection 13, 152–6
precautionary principle, global core 13–14, 161–5
problems of 148–50
theoretical inadequacy 161, 166
budget process
fragmentation of 14
and public debt 179–80, 182, 208–9
Canada
MPs’ age distribution 211
Ombudsman 287
capital
depreciation rates 132
forms of 11–12
capital inheritance, private 131, 138
capital transfer, intergenerational 12, 136–8
car crash example 112
carbon dioxide emissions 27, 99, 107, 136, 150, 152, 156, 189, 307
see also greenhouse effect
catastrophes, natural 3, 27, 28, 209
Chichilnisky, Graciela 160
children, rights of 59, 61, 201, 251–2
China
culture revolutions 226
industrialization of 27
civil rights 199
Clarke, Roger 157
classical economic theory 87
climate change 13, 27, 99, 136, 283
and buck-passing, intergenerational
150–52, 155, 156, 158–9
core precautionary principle 163
cost–benefit analysis 156, 158–9, 160
developing countries 23, 26, 46–7, 49
global warming 30, 239
Intergovernmental Panel 151
and intragenerational motivation 151
mitigation 151–2, 159
and moral corruption 166
reversibility of 188
and rule change 107
sea level rises 150
see also greenhouse effect
Club of Rome 2, 11
Cobb-Douglas production function
139
collective agents, modern 7, 26
common good, and environment
329–30
common heritage of mankind principle
320–22
communitarian theories 37, 87
compensation and buck-passing, intergenerational 153, 154
conscription 122
constitution, culture 224
constitution, rigidity 106
constitutional law, intergenerational justice and
conditioned rights 201
constitutional clauses 190–91
definitions, decisions on 201–3
democracy structure 187–90
ecological intergenerational justice 6,
11, 203–7
environmental protection 216, 224–5
establishment of 187–214
eternity clauses 15, 220–21
EU 219–20, 230
financial intergenerational justice 15,
207–8
France, Constitutional Environment Charter 16, 230–43
generation contract 215–29
institutions for the protection of future generations 16–17,
191–8, 217, 286–7
moral and codified rights 199–203
moral rights, semantic investigation 200
and MPs’ age distribution 15,
210–12
nature/science approach 221–3
obligations or exemptions for future generations 220–21
outlook 225–6
and public debt see public debt
rule change 111
social contract 224–5
suing the government 208–10
time dimension 223–4
wording of 198, 200, 205–6
consumption theory 141
contractualism 41, 44, 92, 95, 224
Coppens Commission 232, 236–7, 238,
239
cost–benefit analysis
buck-passing, intergenerational
156–61, 164–5
climate change 156, 158–9, 160
discount rate 13, 35, 159–60
indeterminacy of 160, 164
investment programmes 18, 301
preferences and values 158
responsibility limits 24–5
and utilitarianism 33, 158, 165
Council of Europe 230, 318
Cowen, Tyler 160
CPB (Bureau for Economic Policy Analysis), Netherlands 17–18,
299–318
Cuba, coffee plantations 28
cultural capital 12, 134, 135, 136
cultural heritage 15, 18, 66, 222,
320–22
Czech Republic
Article 7 193
Charter of Fundamental Rights and Freedoms 192
Index

ecological sustainability breaches 203
intergenerational justice constitution 192, 193, 218
debt intergenerational 12–13, 131, 136–8, 189
public see public debt
democracy principle 221
structural problem with 187–90
demographic change 14, 129–30
see also population growth
Denmark
MPs’ age distribution 211
public debt 175, 178
deontologism 44–5, 72
see also ethics
developed countries
demographic change in 14
economic growth 324
education 48
greenhouse effect 47
income levels 48
life expectancy 48
savings rate 76
sustainability 6
tax fund 14
see also EU; individual countries
developing countries 6, 26
agricultural production 23
climate change 23, 46–7, 49
direct investment in 8, 49
environmental exploitation 27
future generations, provision for 33
and greenhouse effect 46–7, 49
industrialization of 27
life satisfaction 48
resources consumption 46
savings rate 76
welfare improvements 48
dictatorships 200
Dierksmeier, Claus 10, 11, 72–85, 201
difference principle, Rawl’s 11, 34, 74–5, 89, 91–2, 93–5, 96, 97, 98
disability 4, 59, 79
see also health
discount rates
cost–benefit analysis 13–14, 35, 159–60
Economic Sustainability Indicator 144
environment 88
investment programmes 209–10
temporal 41
distribution principle 94–5
distributive justice 39, 42, 63, 80, 92
Dodo example 55, 56, 58, 59, 101
domestic violence 110
droits acquis 107
see also rights
Dworkin, Ronald 42, 53, 89
Earth Council 286, 287
ecological breaches of sustainability 203, 204
generation protection 14–15, 27
generational justice 6, 189, 203–7
sustainability 76, 140–41
systems, losses of 30
trade-offs 13
see also environment
economic growth 97, 324
research institutes 303
sustainability 76, 129–47
Economic Sustainability Indicator 131–2, 133, 135, 136, 138
calculations 140–45
discount rates 144
economic measurement 138–9
fungibility 145
legal-political considerations 142–4
mathematical considerations 144–5
ratio value 145
see also Netherlands, CPB;
sustainability
economy principle 8, 44–5
Ecuador
Article 19 230
environmental protection 230
Ederer, Peer 12, 13–14, 129–47
education 13, 45, 48, 129, 130, 133–4, 216, 248–9, 312
efficiency principle 8, 44–5, 47, 130
egalitarianism 42, 43, 96
ego-ideals 41, 77
electoral system 14
analysis of platforms 17
Netherlands 305–8
plurality system 176–7
proportional representation 176, 177
and public debt 176–9, 180–81
Elliot, Robert 59
energy policy 188–9
English, Jane 91, 93
Enlightenment philosophy 2, 27
environment
climate change see climate change
Coastal Environment Protection Law, Israel 257–8
and common good 329–30
and constitutional justice, intergenerational 216, 224–5
and developing countries 27
discount rate 88
Dodo example 55, 56, 58, 59, 101
ecological generational justice 6, 11–12, 203–7
ecological reparations 16
exploitation 26–7, 45, 66, 98, 320
French Constitutional Environment Charter 15–16, 230–43
and future rights 57, 60
and health 136
and human rights 66–8
International Convention for the Regulation of Whaling 284–5
and moral rights 55, 58
natural capital 12, 98, 131, 135–6, 138
natural disasters 3, 27, 28, 209
natural heritage 15
nature theory, limits of 2–3
nuclear protection see nuclear protection
oil resources 135–6
pollution 26–7, 45, 66, 106, 107
protection see environmental protection
sea level rises 150
species, threatened 26, 29–31, 55, 56, 58, 59, 97, 101, 188, 238, 284–5
and technology 30, 99
UN Environment Program 151
UN Millennium Ecosystem Assessment 239
World Meteorological Association 151
see also climate change
environmental protection 14, 16, 28–9, 65, 190, 216, 330–31
France 231, 233–40
Israel 251, 254–5, 257–8
Just Saving Principle 323–5
Netherlands 230, 305–8, 313–15
equal opportunities 45, 89, 92, 95, 98
equality and stability 95–7
ESI (Economic Sustainability Indicator) 12–13
Estonia
Article 116 197
intergenerational justice constitution 192, 197, 217
equality clauses 15–16, 220–21
ethics theories 2–3, 11, 18, 63, 157, 190, 260
common good 328–9
and consumption 47
ethical hedonism 8, 39–40, 42, 45
future 23–4
future minimization 32–4
nuclear energy see nuclear energy
present-centred 41
and reciprocity 80
religion 4, 96, 244
and responsibility see responsibility
universalizability 29, 32, 35–6
see also morality
ethnic background 4, 96
EU
Amsterdam Treaty 15, 219
Article 1.3 220
Article 2 EGV 219
Article 2 EUV 219
Article 3 219, 220
Article 37 219, 220, 230
Article 54 220
Article 65 220
Article 129 219
Article 193 219
austerity measures 130
automatic stabilizers 172–3
Central bank 198
Charter of Fundamental Rights 219, 230
Constitution for Europe Treaty 15
Index

constitutional law 219–20, 230
Court of Justice 15–16, 219, 237
CPB research 302
demographic change 129–30
everly retirement 120
economic output 140
economic research institutes 303
environmental protection 216, 219, 220, 230, 231, 233–40, 305–8, 313–15
European Economic and Monetary Union 182–3
future generations initiative 212, 219, 220
Giscard-draft 220
Maastricht Treaty 15, 182, 219
Nice Treaty 219, 230, 237
Ombudsman of Future Generations 17, 283, 287, 296, 297
political parties 14
public debt 14, 171, 172–3, 178, 182–3
resources, non-renewable 136
Stability and Growth Pact 130, 182
sustainable development 219, 220
taxation 14, 182
Title XIX 219
water framework 240
eugenic movement 27

Feinberg, Joel 40, 59
female emancipation 28, 67
feminism 96
finance, behavioural 142
financial intergenerational justice 15, 207–8
Finland
Article 20 193
Article 84 197
intergenerational justice constitution 191, 193, 197, 286
MPs’ age distribution 211
public debt 175, 178
Ford, retirement benefits 137
foreign direct investment in developing countries 8–9, 49
Foundation for the Rights of Future Generations 210–12, 295, 333–4
France
Article 28 of 1793 221
Article 34 233, 235
Charter strengths and weaknesses 236–9
Constitution origins 231–5
Constitutional Environment Charter 15–16, 230–43
Coppens Commission 232, 236–7, 238, 239
Council of Future Generations 286
Declaration of Human and Civil Rights 199
ecological sustainability breaches 203
environmental protection 231, 233–40
generation protection 221, 230–31, 235–40
intergenerational justice constitution 192, 193
international commitments 233
MPs’ age distribution 211
polluter-pays principle 237, 240
precautionary principle 234, 237, 239
public debt 175, 178
risk assessment 238
sustainable development 235
water and aquatic environments 240
free markets 96–7
free speech 96
freedom philosophy 79, 80–83
fuel alternatives 34
future generations
anonymity of 36–7
backcasting 253–4
cheating 11, 150, 159
common heritage of mankind principle 320–22
and constitutional justice see constitutional justice
contiguous 75, 76
debt see debt, intergenerational
and developing countries 33
and differentiation principle 11–12, 34, 74–5, 75, 89, 91–2, 93–5, 96
ecological problems 6, 189, 203–7
everity clauses 16, 220–21
and freedom philosophy 79, 80–83
government assembly for see individual countries
Guardian for 18, 322–3
and hypothetical market 37
and increased prosperity 27, 46
institutions for the protection of see institutions
interests of 59–60
international law protection 284–6
investment in 17, 32, 88, 110
Israel, special interest 253–7
and justice principles 62–3
moral obligations to 54–61, 64–8, 76, 100–103, 199, 201, 203, 244, 284, 317–19, 323
neglect of interests 187, 319, 330–31
non-existence of 54–6, 60, 74, 79, 101, 200
Ombudsman for 16–17, 191, 283, 287, 296, 297
predecessors, vulnerability to 148–9
protection of 217, 221, 230–31, 235–40
Rawl’s Theory of Justice see Rawls, John
responsibility for see responsibility rights, lack of 53–61, 64, 99–103, 200, 201
rights of 9–10, 14, 15, 59–60, 104, 189, 198, 199, 201, 203, 283–4
and rule change 106–28
savings rate see savings rate and succeeding generations 104, 205–6
and taxation 174, 178
and technology 23, 33, 34, 49, 65–6, 187–8, 319
theoretical inadequacy 13
trumping value 65
voting rights, lack of 15, 90, 181, 187–90
worsening position of 27
game theory 72, 87
Gardiner, Stephen M. 13, 148–69
gender
discrimination 112, 113
justice between 4, 96
generation
accounting methodology 137, 179
contract 15–16, 215–29
justice principles 39–52
protection 15–16, 208
see also intergenerational justice
genetic engineering 225, 248, 256
genetic pool degeneration 27
Georgia
Article 37 217
generation protection 217
Germany
Article 10 (Saxony) 216, 222
Article 12 (Mecklenburg–Western Pomerania) 216, 222
Article 14 143–4
Article 15 (Mecklenburg–Western Pomerania) 217
Article 20a 193, 204, 216, 230
Article 31 (Thuringia) 222
Article 32 (Thuringia) 221
Article 35 (Saxony–Anhalt) 216
Articles 39 and 40 (Brandenburg) 216, 221
Article 79 221
Article 101 (Saxony) 217
Article 101 (Saxony–Anhalt) 217
Article 109 197
Article 115 197, 198, 207–9
Article 141 (Bavaria) 216
Charter for the environment 193
Deutschland Denken! 133–4
ecological sustainability breaches 203, 204
economic sustainability 140
Environment Advisory Council 196
environmental protection 216
eternity clauses 221
EU Stability and Growth Pact 130
experimentation law 224
Federal Constitutional Court 143, 144, 204, 208–10
Foundation for the Rights of Future Generations 210–12, 295, 333–4
generation protection 216, 230
Global Change Advisory Council 196
greenhouse gas emissions 152
intergenerational justice constitution 193, 197, 198, 208
MPs’ age distribution 210–12
nuclear power 187
Nuremberg Racial Laws 200
pension system 144, 224–5
Index 341

carbon dioxide emissions
and food shortages 46–7, 49
Kyoto Protocol 122–3, 152
long-term effect 283
and poverty 9, 46–7, 49
and rule change 122–3
see also environment
Greens 97
Guardian for future generations 18, 322–3
Häberle, Peter 15, 211, 215–29
Hare, Richard 35
Harsanyi, John C. 42
Hart, Herbert 56, 59
Hazan, Naomi 247
health
benefits 137, 138
care 4, 129, 309, 310, 312
disability 4, 59, 79
and environment 136
medical progress 45, 88
and nuclear waste 153
Helsinki Committee 248
heuristics of fear 27–8
housing, private 138
human capital 12–13, 130, 131, 132, 133–4, 135, 136, 138
human foresight and risk 23, 25, 87
human rights 45, 60, 65, 80, 199–200, 284, 321
and environment 66–8
following revolution 113
Helsinki Committee 248
and poverty 66
UN Declaration on Human Rights 199, 207
UN Human Rights Commission 37
World Conference 318
World Conference on Human Rights 318
human society concept 18, 326–31
Hume, David 36, 61–3
Hungary
Article 15 194
Commissioner for Civic Rights 289
environmental protection 289–95
intergenerational justice constitution 192, 194
Ombudsman for Data Protection 287, 289, 290

population age structure 181
power distribution 177, 196–8
property protection 143–4
proportional representation system 176
public debt 170–72, 175, 178, 179, 182, 207–8
resources, non-renewable 136
social contract 224
Sustainable Development Councils 196
Thuringia Constitution 216–17
time value of public cash flows 143–4
unemployment 209
Global Core Precautionary Principle 14, 163–5
global warming 30, 239
see also climate change
GM, retirement benefits 137
Gossseries, Axel 10–11, 54, 57, 106–28
government
constitutions 7, 14–15
decision-making process 16
economic forecasting and analysis 17
electoral system see electoral system
ideological range 14
investment programmes 17, 301
MP age distribution 15, 210–12
proportional system 176, 177
responsibility 26
suing 208–10
see also constitutional justice; politics
grandfathering 107, 123
Greece
Article 24 193, 204, 230
environmental protection 193, 204, 230
intergenerational justice constitution 193
public debt 175, 178
greenhouse effect
and agriculture 49
carbon dioxide emissions 27, 99, 107, 136, 150, 152, 156, 189, 307
carbon dioxide emissions see carbon dioxide emissions
developed countries 47
and developing countries 46–7, 49
and food shortages 46–7, 49
Kyoto Protocol 122–3, 152
long-term effect 283
and poverty 9, 46–7, 49
and rule change 122–3
see also environment
Greens 97
Guardian for future generations 18, 322–3
REFUGE (Representation for Future Generations) 17, 282, 292, 294–5, 296
Hunerbühler, Mathias 10–11, 106–28
IMF, on CPB 304
impartiality principle 35, 64–5
The Imperative of Responsibility
(Jonas) 2–3
income
developing countries 48
redistribution 45
India
industrialization of 27
Ombudsman 287
industrial companies 7
responsibility of 26
inflation 41
institutions 13, 191–8
bequeathing just 60
and constitutional justice,
intergenerational 17, 191–8, 286–7
contractualism 41, 44, 92, 95, 224
just 74
New Institutional Economics 134, 135
range of coverage 14
rights distribution 63
structural capital 12–13, 131, 134–5, 138
versus written law 14
intellectual property 322
interest rates 35, 92, 141
see also savings rates
Intergenerational Justice Review 2
intergenerational justice 1–2, 4–5, 6, 317–34
buck-passing see buck-passing
constitutional justice see constitutional justice
and debt 12–13, 136–8, 189
impossibility of a theory 8–9, 53–71, 99–103
institutionalization of 189, 198
and least favoured 8
and liberalism 88–91
maximization 32–4
procedural justice, limits of 86–105
relational theory 325–31
and rule change see rule change
savings rate see savings rate
theoretical difficulties 150
Intergovernmental Panel on Climate Change 151
International Atomic Energy Authority 153–5
International Commission on Radiological Protection 155–7
International Convention for the Regulation of Whaling 284–5
international conventions 60
international law 4, 6, 284–6
International Law Association New Delhi Declaration 285–6
International Ombudsman Centre for the Environment and Development (OmCED) 287
intergenerational justice 4–5, 6, 34, 36
and climate change 151
investment programmes 18, 88
discount 209–10
time delay 110
see also savings rates
Ireland, public debt 175, 178
isolation paradox 88
Israel
children’s rights 251–2
Coastal Environment Protection Law 257–8
Commission enabling mechanisms 257–8
Commission for Future Generations of the Knesset 16, 191, 198, 244–81, 286, 290
Commission implications in a political environment 258–9
Commission public status 249–51
Commission scope of action 259–62
Commission special authorities 247–9
current law 246–7
defence 16
education of children with special needs 248–9
Electrochemical Industry case 248
environmental protection 251, 254–5, 257–8
foreign affairs 16
‘future generations’ definition 251–2
future generations, special interest to 253–7
genetic intervention 248, 256
Industrial Research and Development Act 258
legislative process 247, 251, 252, 255–6, 260–62
lobbyists 259
National Infrastructures Committee 251
OECD membership 256
pensions 253
State Comptroller Act 247, 266
sustainable development 254–7, 280–81
water resources pollution monitoring 248

Italy
Article 9 194, 217
economic sustainability 140
intergenerational justice constitution 194, 217
MPs’ age distribution 211
Ombudsman 287
public debt 175, 178

Jamieson, Dale 158–9, 161
Japan, MPs’ age distribution 211
Jávor, Benedek 17, 282–98
Jefferson, Thomas 3, 223
Johannesburg Summit 255
Jonas, Hans 2–3, 23, 25, 27, 30, 31, 76, 222–3
justice
conception of 61–8, 329–30
contractarian theory of 64
distributive 39, 42, 63, 80, 92
horizontal 110
intergenerational see
intergenerational justice principles 62–3
and rights see rights vertical 110
Justice as Fairness (Rawls) 77–80
Kant, Immanuel 2, 27, 30, 34, 44, 54, 72, 79, 80–82, 91–3, 95, 100, 203, 223
Kavka, Gregory 33, 75, 83
Keynes, J.M. 86, 172, 208
Kyoto Protocol 122–3, 152
Lamay, Nira 16, 244–81
Lapib, Joseph (Tommy) 244–5
Latin America, generation protection 193, 218, 230
Latvia, intergenerational justice constitution 194
Law of the Peoples (Rawls) 80
laws
constitutional 15, 219–20, 230
international 4, 6, 284–6
and moral rights 103–4
see also constitutional justice, intergenerational leximin principle 42
liberalism 44, 94, 95, 96, 103
and generational justice 88–91
limited equality 89
timeless principle 88–9
see also Rawls, John
life cycle savings theory 133
life expectancy, developed countries 48
life insurance 137, 138
life long learning 130
see also education
limited commitment principle 43–4, 45, 47
Lithuania
Article 54 194, 204
environmental protection 194, 204
intergenerational justice constitution 194
lobbyists 26, 259
Locke, John 33, 89, 100, 239
logical calculus 72
Lomborg, Bjorn 156, 159, 160
Lumer, Christoph 8, 39–52
Luxembourg
MPs’ age distribution 211
public debt 175, 178
Maastricht Treaty 15, 182, 219
mainstream economics 156
Malta
common heritage concept 18, 320–21, 322
future generations 244, 286
Malthusianism 27, 89
mankind
common heritage of 320–22
survival and morality 31
Marx, Karl 2, 27, 28
maximin principle 42, 161–3
maximization principle 44
medical progress 45, 88
see also health
metaphysics 72, 76, 79, 80, 325–31
migration 89, 134
MIHP (Principle of Minimum
Irreversible Harm) 11, 92, 97–9, 103
military service, mandatory 11, 118–19, 120–21, 122
Mill, J.S. 28–9, 42, 87, 88, 89
Moldova, generation protection 217
morality 7–9, 10
and buck-passing 149–50
Catholic 31
and codified rights 199–203
commitment 8, 29, 43–4, 78–9
corruption 13–14, 161, 165–6
desirability 42
efficiency principle 8, 44–5, 47, 130
emotional proximity 29–30, 36
and environment 55, 58
face-to-face contact 29
and future harm 11
intuition 114–15
limited commitment principle 43–4, 45, 47
and mankind’s survival 31
maximization principle 44
obligations to future generations 54–61, 64–8, 76, 100–103, 199, 201, 203, 244, 284, 317–19, 323
obligations to present generations 61
pragmatism 36
rights-based 58, 63–4, 103–4, 199–203
and social norms 43
and sympathy 42, 43
and universalizability 29, 32, 35–6
see also ethics theories; responsibility
motivation, and responsibility 29, 34–7
Mueller, John 87
natural
capital 12–13, 98, 131, 135–6, 138
disasters 3, 27, 28, 209
fairness 61
heritage 15
nature see environment
nature/science approach, and
constitutional justice,
tergenerational 221–3
need-orientation 40, 63
neoclassical economic theories 2, 27
Netherlands
‘Ageing in the Netherlands’ 308–11
Article 21 194, 230
Central Planning Committee 303
CPB (Bureau for Economic Policy
Analysis) 17–18, 299–318
disability insurance 304–5
Economic Affairs Committee 303
education 312
election platforms 305–8
environmental protection 230, 305–8, 313–15
health care 309, 312
ICES 313
infrastructure 313–15
intergenerational justice constitution 194
MPs’ age distribution 211
National Economic Plan 300–301
National Institute for Public Health
and the Environment (RIVM) 306, 307
pensions 310
public debt 175, 178
public investment 311–15
social welfare 304–5, 309–12, 313
sustainability 310–11
taxation 310–11, 312
New Institutional Economics 134, 135
Nice Treaty 219, 230, 237
Nigeria, Ogoni tribe 66–7
Norway
economic research institutes 303
eternity clauses 221
nuclear protection
and buck passing 13, 152–6
cost–benefit analysis 156–7
genetic risks 153, 155–6
International Atomic Energy Authority 153–5
International Commission on Radiological Protection 155–7
and underinvestment 155
waste 27, 152, 153–4, 187, 225, 319
Nuremberg Racial Laws 200

obligations and rights, relationships between 56–61
see also morality
OECD
CPB research 302
Israel membership 256
sustainable development strategies 255, 256
oil resources 135–6
Ombudsman Centre for the Environment and Development, International (OmCED) 287
Ombudsman for Data Protection, Hungary 287, 289, 290
opportunity costs 7, 24–5, 87
Opstal, Rocus M. 16, 17, 299–316
optimal societal structure 73, 76

Papier, Hans-Jürgen 143–4
parental affection 10–11, 30, 46, 62, 76, 77, 87, 100
Pareto optimum 95, 299, 311
Parfit, Derek 55, 58, 64, 65, 91, 160
parochialism 41
Partridge, Ernest 1, 323
Pasek, Joanna 54, 66
peace 45
Pearce and Atkinson sustainability scale 34
Pearce, David 34, 159, 205
pensions
legal protection of 142, 144, 224–5
policies 8, 46, 129, 215
private 121, 137–8
reform 108, 109
and taxation 310
unfunded schemes 137–8
worsening situation 48, 120, 253
see also retirement; welfare
Philippines, rain forest destruction 206, 285, 295

Poland
Article 74, 204
Article 216 197
ecological sustainability breaches 203, 204
intergenerational justice constitution 192, 194, 197, 217, 286
social contract 224
Political Liberalism (Rawls) 10–11, 77, 90, 91–2, 93, 95–6, 97–8
politics
communication 131
economy perspective, public debt 174–83
ideology 130
progress 45
shortsightedness 14, 129–30, 189, 299
strategy 130
see also government
pollution 26–7, 45, 66, 106, 107, 248, 320
polluter–pays principle 47, 237, 240
see also environment; greenhouse effect
population age structure 181
population growth 26, 27, 33, 49, 92, 134, 137, 139–40, 181, 309
birth control 28–9, 67, 75–6, 77
demographic change 14, 129–30
Portugal
Article 66 194, 217–18, 230
environmental protection 230
intergenerational justice constitution 194, 217–18
MPs’ age distribution 211
public debt 175, 178
poverty
and greenhouse effect 8, 46, 49
and human rights 66
and natural resources 27, 46
relief of 65
social discount rate 34, 87–8, 91, 140–41
and sustainable development 257
and welfare distribution see welfare
precautionary principle 234, 237, 239
and, buck-passing, intergenerational
13–14, 161–5
and climate change 163
predictability, and rule change 111–12,
120–21
preferentialism, uncritical 40
present generation
consumption levels 87–8
increased prosperity of 27, 46
obligations to 61
responsibility 26
utilitarianism 88
see also self-interest
pressure groups 26
price setting mechanism 113
Principle of Minimum Irreversible
Harm (MIHP) 11, 92, 97–9, 103
The Principle of Responsibility (Jonas)
23
prioritarianism 8, 42–3, 46, 47, 49
prisoner’s dilemma 88, 176
procedural justice
limits of 86–105
utilitarian approach 86–8
process philosophy 325–31
production theory 141
property theory 18, 33, 88–9, 143–4,
321
proportional representation 176, 177
Protect the Future! 16–17, 245, 282–3,
287, 290, 292–4, 295, 296, 297
public debt
automatic stabilizers 172–3
budget process 179–80, 182, 208–9
and coalition governments 174–6
constitutional barriers 179–80
deficits, credit backed 172–3
delegation 181–3
economic justification 171–3
electoral system 176–9, 180–81
EU 14, 171, 172–3, 178, 182–3
and European Economic and
Monetary Union 182–3
financial intergenerational justice
207–8
institutional determinants of 170–84
institutional reform proposals 179
investment discount 209–10
political economy perspective
174–83
population age structure 181, 308–11
and power distribution 177–8
problem rise 170–71
and recessions 172–3, 182, 208–9
rescheduling of 170–71, 225
tax displacement 173, 179, 180
tax smoothing 173, 182
welfare losses 173
public spending 14, 174, 180

rational choice theory 10, 72, 73, 77,
78, 93, 94
Rawls, John 2, 37, 41, 42, 56, 86, 100,
103–4, 224, 225
difference principle 34, 89, 91–2,
93–5, 96, 97, 98
Just Saving Principle 323–5
and justice, circumstances of 61–3,
77–80
Justice as Fairness 77–80
Law of the Peoples 80
and metaphysics 72, 76, 79, 80
Political Liberalism 10–11, 77, 90,
91–2, 93, 95–6, 97–8
rights of future generations 72–85
and stability 95–7
Theory of Justice 9–11, 27, 29, 62,
72, 73–7, 79, 89, 91, 93, 96, 97,
98, 323
utilitarian revision (Mueller) 87
see also liberalism
Rawlsian Core Precautionary Principle
161–3
real capital 12–13, 131, 132–3, 134,
135, 138
recessions 172–3, 182, 208–9
reflective equilibrium 91
REFUGE (Representation for Future
Generations) 17, 282, 292, 294–5,
296
religion 4, 96, 244
see also ethics theories
resources
developing countries consumption
27, 46
future availability of 65
non-renewable 8, 28–9, 45, 46, 188
and technology, effective use of 34, 65–6
utilitarian theory 32
see also environment
responsibility
anthropocentric concepts 30
assignment of 26
costs 24–5
environmental see environment
and ethics theories see ethics theories
future, contents of 31–4
future, discounting the 34–7, 41
future well-being 31, 75
human foresight 25
humanist concept 30
ideal-regarding axiology 31–2
limits of 24–6
mankind’s existence 31
and motivation 29, 34–7
ontological scope 29–30
opportunity costs 7, 24–5, 87
optimistic/pessimistic paradigm 26–9
parental see parental affection
pathocentric 30
present generation 26
temporal scope 29–30
utilitarian theories see utilitarian theories
want-regarding axiology 31–2
see also future generations; morality
retirement
benefits 137
eyear 11, 116–18, 120, 121, 122
mandatory 11–12, 110, 115–16, 117, 120, 121, 122
see also pensions
rights
conditional 57, 201
definition of 201–3
and justice 63–4
moral and codified 58, 63–4, 199–203
moral and legal, relationship between 103–4
and obligations, relationships between 56–61
vested (droits acquis) 107
Rio Summit 244, 285, 318, 322, 331
risk
aversion level 87, 141–2
heuristics of fear 27–8
and human foresight 23, 25, 87
irreversible 27
structural capital 135
Roe v. Wade 96
Rousseau, J.J. 100, 222, 239
rule change
acceptability debate 111
car crash example 112
and climate change 107
coordination-oriented 113
constitutional 111
eyear retirement example 116–18, 120, 121, 122
and future generations 106–28
gender discrimination example 112, 113
greenhouse gas emissions 122–3
impact, intergenerational 115–19
and intergenerational justice 106–28
language change example 108, 114
legal security requirement 110
legitimacy component 111, 112, 113, 114–15
mandatory retirement example 11, 110, 115–16, 117, 120, 121, 122
military service example 11, 118–19, 120–21, 122
ministerial decree 111
network standards changes 113
opposition to 111
predictability component 111–12, 120–21
speed limits example 110
traffic rule example 112
and transition gains and losses see transition gains and losses
urban planning example 114
Russia, intergenerational justice
constitution 217
Sagoff, Mark 158
savings principle 74, 77, 90, 91, 92, 93, 95, 133
savings rate 2, 8, 10–12, 76
developing countries 76
negative 12, 45, 46–7, 92
positive 12, 45–6, 86–7, 88, 89, 90
utilitarian approach 86–7
Scandinavia
- economic sustainability 140
  see also individual countries
- Schuller, Philipp 12, 13, 129–47
- sea level rises 150
- security 88
- self-interest 14, 36, 54, 62, 73, 78, 90, 100, 210
difference principle 11, 34, 74–5, 89, 91–2, 93–5, 96, 97, 98
  see also morality; present generation sexual orientation 4, 96
- Shiller, Robert 142
- Shoham, Shlomo 16, 244–81
Slovakia
- Article 44 195, 218
- intergenerational justice constitution 195, 218
Slovenia
- Article 5 218
- Article 72 195
economic research institutes 303
- intergenerational justice constitution 195
Smith, Adam 35, 97
social
- capital 12
contract theory 73, 74, 88, 224–5
cooperation 78, 93, 94, 96, 98
discount rate 34, 87–8, 91, 94, 140–41
- justice 4, 329
- progress 45
social security systems 129, 130, 304–5
sophists 100
South Africa
- Article 24 195, 198, 204, 217
ecological sustainability breaches 203, 204
- intergenerational justice constitution 195, 198, 217
Soviet bloc, environmental devastation 66
Spain
- Article 45 195, 230
- Article 53 230
economic sustainability 140, 178
- intergenerational justice constitution 195, 230
- MPs’ age distribution 211
Ombudsman 287
- public debt 175
speed limits example 110
stability
- and equality 95–7
Stability and Growth Pact, EU 130, 182
Steiner, Hillel 56, 59
structural capital 12–13, 131, 134–5, 138
Süssmuth, Bernd 14, 170–84
sustainability 1, 2, 4, 5, 6, 7, 12, 76, 310–11
breaches of 203, 204
constitutional anchorage of 15–16
definitions of 6
- ecological 76, 140–41
- economic 76, 129–47
ESI (Economic Sustainability Indicator) see Economic Sustainability Indicator
government finances 17
- norm of 39, 49
- Pearce and Atkinson scale 34
per capita economic 139–40
policy 310–11
prior to measured period 34
of resources 8–9, 28–9, 45, 46, 136, 188
strong 11
weak 11
sustainable development 4, 8–9, 161, 219, 230, 254–7, 331
EU 196, 219, 220, 235
and global resources 33
and poverty 257
UN Commission on Sustainable Development 255
Sweden
- environmental protection 230
- MPs’ age distribution 211
Ombudsman 287
power distribution 178
public debt 175, 178
Switzerland
- Article 73 195, 204, 230
ecological sustainability breaches 203, 204
environmental protection 216, 230
intergenerational justice constitution 192, 195, 215
public debt 180
taxation
  displacement 173, 179, 180
  EU 14, 182
  fund, developed countries 14
  future 174, 178
  indirect 174
  Netherlands 310–11, 312
  and pensions 310
  in recessions 172
  reforms 106, 107, 113, 118–19
  smoothing 173, 182
technology
  and consumption rates 36
  and the environment 30, 99
  and future generations 23, 33, 34, 49,
  65–6, 187–8, 319
  resources, effective use of 34, 65–6
  risk provision 25
  and utilitarian theories 98
  and welfare 34, 45
temporal discounting 41
theology 244
see also ethics theories
theoretical inadequacy 13
Theory of Justice (Rawls) 9–11, 27, 29,
  62, 72, 73–7, 79, 89, 91, 93, 96, 97,
  98, 323
Third World see developing countries
time preference 34, 36
time value concept 141–3
timeless principle 88–9
Timmerhuis, Jacqueline G.M. 16, 17,
  299–316
traffic rule example 112
transition gains and losses
  compensation 110, 111–15, 120–23
  and rule change 11–12, 107–11
Tremmel, Joerg ‘Chet’ 1–18, 57, 60,
  187–214
Tsebelis-Index 174
UK
  Bill of Rights 199
  Future Generations Green Party
  speaker 286
greenhouse gas emissions 152
House of Lords 196–8
Magna Charta 199
MPs’ age distribution 211
plurality system 176
public debt 175, 178
Ukraine
  intergenerational justice constitution
  192, 217
  social contract 224
UN
  Brundtland Report 33, 235
  Charter 284
  Commission on Sustainable
  Development 255
  Declaration on Human Rights 199,
  207
  Earth Summit 255
  Environment Program 151
  future generations guardian 18,
  322–3
  Human Rights Commission 37
  Johannesburg Summit 255
  Kyoto Protocol 122–3, 152
  Law of the Sea 320–21
  Millennium Ecosystem Assessment
  239
  ‘Our Common Future’ 244, 285
  Rio Summit 244, 285, 318, 322, 331
  unemployment 4, 48, 209, 299
  benefits 108, 109
  youth 8, 46, 48, 49
UNESCO 222, 285, 286, 287, 318
United Airlines, retirement benefits 137
universalism, beneficiary 7–8, 40–41,
  47, 91
universalizability 29, 32, 35–6
urban planning example 114
Uruguay
  Article 47 195–6
  intergenerational justice constitution
  195–6
USA
  Balanced Budget Amendment 191,
  207
  constitutional consensus 96, 191
  constitutional judiciary law 224
  Declaration of Independence 199
  First Amendment rights 96
  Ford 137
generational justice in 1
and global environment 215
GM 137
MPs’ age distribution 211
National Academy of Science 151
Pension Benefit Guaranty Corporation 137
pension schemes, unfunded 137
public debt 179–80, 191, 215
Roe v. Wade 96
United Airlines 137
utilitarian theories 10, 32, 42, 92, 157
  average utility 31
  birth control 75–6, 77
  and cost–benefit analysis 33, 158, 165
  and distribution principle 94–5
  identity-problem 75
  of the present 88
  and procedural justice 86–8
  sacrifices by former generations 32
  savings rate 86–7
  and technology 98
  time preference 34, 36
  total utility 31
  welfare distribution 32–3, 42, 94
Vlastos, Gregory 63–4
Von Hagen Structural Index 178
Wallack, Michael 10–11, 86–105
Weber, Max 202, 226
Weizsäcker, Robert K. von 14, 170–84
welfare 8–10, 31, 90, 93, 98
  developing countries, improvement in 48
  distribution and poverty 32, 45, 48
  and economic sustainability 140
  equality benchmark 73–4, 78
  and ethical hedonism 8, 39–40, 42, 45
  future see future generations
  losses and public debt 173
  maximisers 87
  and monetary status 42–3
  in Netherlands 304–5, 309–12, 313
  and prioritarianism 8, 42–3, 46, 47, 49
  social discount rate 34, 87–8, 91, 94, 140–41
  and sympathy 40, 41
  and technological progress 34, 45
  utilitarian theories 32–3, 42, 94
  see also individual countries;
  pensions; poverty; social security systems
Whitehead, A.N. 18, 325–31
Willms, Stephan 12, 13, 129–47
World Conference on Human Rights 318
World Meteorological Association 151
zero pure time discount 93, 97, 98