## INDEX

Biopositivity, 7 Biotic City, 7 Blue zones, 71–72, 80, 103–104 condition and major problems, 72–82 policy outcomes, 104 Brown economy models, media discourse on, 49–51 Business, 61 Business-Online (e-journals), 2–3  "Ecocity", 5 Ecological Doctrine of the Russian Federation, 7–8 Ecological policy in Russian cities, 83–85 Eco	Adjusted net savings index (ANS index), 13–14  Air pollution  attitudes toward air pollution among population and protests against waste incineration plants, 22–24 in Russia, 20–21  Air quality  contested monitoring, factors of pollution and policies, 20–22 current condition and trends in development of Russian water supply system, 24–27 monitoring in Russia, 19 policy recommendations, 99 special aspects of Russian policies aimed at solving water quality issues, 27–30 and water quality, 98–99  Akademicheskiy microdistrict in Yekaterinburg, 9  Almetyevsk city, 39–40  Beautification principles, 72–73  Rioneositivity, 7  Car sharing institution in Russia, 41–42  Centralized waste management, 58  Citizens' attitudes and practices, 37–42  City sustainability index, 14  Civic engagement in environmental governance, 91–95  "Clean Air" federal program, 21  "Compact City", 5  Conservation of energy, 48  Contextual theory, 12  Deecologization, 84–85  Desk research, 2  "Development of comfortable urban environment in 2018–2022" municipal program, 75  Domestic waste, 37–42  City sustainability index, 14  Civic engagement in environmental governance, 91–95  "Compact City", 5  Conservation of energy, 48  Contextual theory, 12  Deecologization, 84–85  Desk research, 2  "Development of comfortable urban environment in 2018–2022" municipal program, 75  Domestic waste, 57–58  "Domofond. ru" analysts, 15  Double transition process, 1  E-journals, 2–3  Eco-transport, 35  "Ecocity", 5
--	--

132 Index

Emissions per unit of energy generated, 46	Federal Antimonopoly Service (FAS), 49–50
Energy efficiency, 46	Federal Environmental Protection
in cities, 48	Law, 7–8
and consumption, 100–102	Federal waste management system,
policy recommendations,	58
101–102	"Foreign agents" law, 85
Energy intensity, 46	
Energy market economics in	"Garden City", 5–6
Russia, 45	Gas-fueled cars, 34–35
Energy priorities of Russian cities,	Good governance, 83
46	"Green City", 5
Energy saving practices among	Green economy models, media
Russians, 52–55	discourse on, 49–51
"Environmental Cities of the	Green energy, 47–48
Future" project, 7	Green Patrol, 16–17
Environmental governance and	Green zones, 71–72, 76–77,
politics, 104–106	103–104
civic engagement in	condition and major problems,
environmental governance,	72–82
91–95	policy outcomes, 104
ecological policy in Russian	Greenhouse gas emissions, 31
cities, 83–85	"Greening" in Russia's cities, 1–2
in Moscow and Kazan via prism	Greenpeace, 20–21, 73
of professionals' opinions,	Incineration plants, 60
85–91	Index of Sustainable Development
policy recommendations,	of Cities in Russian
105–106	Federation, 97
Environmental inequality, 68-70	Industrial waste, 57–58
Environmental justice concept,	Innopolis satellite towns in Kazan,
11–12	9
Environmental Performance Index,	Integral Index of City
97	Sustainability, 13–14
Environmental policy, 84–85	·
"Environmental rating of Russian	Kazan, 74
cities", 16	air polluted regions, 20, 26–27
Environmental Security Strategy of	greening and beautification
Russian Federation, 8	agenda, 75
Environmentalists, 90	policy of Kazan authorities, 30
Expert	Landfills, 59–60
assessment of developing	"Low Carbon City", 5
sustainable energy in Russia,	zon outon on, , o
47–49	M24. ru, RIAMO (e-journals), 2–3
interviews, 67	"Map of Destroyed Roads"
Export-oriented geopolitics 50–51	project, 75

Index 133

Mass media discourse analysis, 2–3	Public polls, 67
Mathematical models, 1–2	Public transport(ation), 15–16,
Media discourse on "brown" and	33–34, 38
"green" economy models,	Purposive sampling, 3
49–51	Pyat' Gigavatt program, 46
Mixed methods approach, 3	
Moscow	RBK, 75
air polluted regions, 20	Reclamation resources, 58
quality of water supply in, 24	Recycled paper market, 61
Mospravda. ru (e-journals), 2–3	Recycling, 58
Motor vehicles, 31	Regeneration, 58
"My Street" beautification	Renewable energy
program ("Moya Ulitsa"),	in Russia, 46–47
74	sources, 36, 47
/4	Renewables, 48–49
National Environmental Action	Republic of Tatarstan, 74
Plan of Russian Federation,	RIAMO, 28–29
7–8	Rosatom State Corporation, 63
Natural gas vehicle fuel (NGV	Russia
fuel), 35	energy market economics in, 45
"Nature and Recreation	modern waste management
Complex", 74	system in, 57–65
Newspapers, 2–3	sustainable transport and
Non-governmental organizations	mobility in, 31–37
(NGOs), 3	Russian cities, 1
Nonprofit organizations (NPOs),	Russian energy system, 43
28	energy and water saving
Noosphere, 6	practices among Russians,
Troospitere, o	52–55
Optimistic forecast, 48	expert assessment of developing
Osinovo village, 22	sustainable energy in Russia,
Diiii	47–49
Pessimistic	features and development
forecast, 48	prospects, 43–45
scenario, 63	media discourse on "brown"
Positive (constructive) scenario, 64	and "green" economy
Pro-environmental behavior	models, 49–51
theories, heuristic	traditional and renewable
possibilities of, 12	
Professional divers, 81	energies in Russia, 46–47
Professional environmentalists	Russian Environmental Operator,
from Kazan, 90–91	58–59
Project of Moscow Socioeconomic	Russian environmental policy,
Development Strategy, 84	83–84
Public engagement, 68–70	Russian Geographical Society, 14
Public hearings, 91	Russian mega-cities, 10

134 Index

Russian water supply system, «Urbanika» Institute, 15 current condition and trends Vechernya Kazan (e-journals), 2–3 in development of, 24–27 Vechernyaya Kazan, 29 Russians' waste management Vehicle emissions, 21–22 practices, 65-68 Volunteers, 81 Skolkovo science city in Moscow, 9 Waste collapse, 61 SMART City, 9 Waste incineration plants, attitudes "Smart Sustainable City", 5 toward air pollution among Socio-biotechnical systems (SBT population and protests systems), 10 against, 22-24 Stagnation scenario, 63 Waste management, 102–103 Stakeholders, 48–49 environmental inequality, waste-Sustainability of city, 32 related conflicts, and public Sustainable cities, 5, 9, 97 engagement, 68–70 Sustainable Cities Program, 5 modern waste management Sustainable mobility, 37–42 system in Russia, 57–65 Sustainable transport and mobility, policy recommendations, 31, 100 102 - 103policy recommendations, 100 Russians' waste management in Russia, 31–37 practices, 65–68 Sustainable transport systems, 33 Waste-related conflicts, 68–70 creation, 31–32 Water requirements, 34 saving practices among Sustainable urban development, 5 Russians, 52–55 principles, 7 supply networks, 29-30 Sustainable urban development, WIPs, 61 principles of, 98 Workplaces, 62 Systemic enterprises, 46 World Health Organization Tatar-inform (e-journals), 2–3 (WHO), 71 Traditional energies in Russia, Yadrovo open-air landfill, 69 46-47 Yuzhny satellite town in Saint Transportation for livable cities, Petersburg, 9 31 - 32Zero-waste Urban density, 46 concept, 11 Urban governance, 83 economy in Russian cities, Urban greening, 72–73 58 - 59Urban policy, 29 policy, 57 Urban sustainability, 12