

# Appendix A

## City case studies and topics in vulnerability, adaptation and mitigation

### Chapter 3 Urban climate: processes, trends, and projections

3.1	Adaptation	Climate-proofing Rio de Janeiro, Brazil	51-52
3.2	Adaptation	Sorsogon City, Philippines, responding to climate change	61-62
3.3	Adaptation	Adaptation to sea level rise in Wellington, New Zealand	72-73
3.4	Adaptation	Climate change adaptation in Kokkola, Finland	73-74
3.5	Vulnerability	Lessons from a major climate event: Hurricane Katrina and New Orleans	76-77
3.6	Adaptation	Mexico City's Virtual Center on Climate Change	78

### Chapter 4 Climate change and urban energy systems

4.1	Mitigation	Managing CO <sub>2</sub> emissions from buildings: Lessons from the UK, USA, and India	90-91
4.2	Adaptation	Cooling waters and nuclear power in the USA	98
4.3	Mitigation	Seoul's efforts against climate change	100
4.4	Mitigation	Cities for Climate Protection (CCP) Campaign of ICLEI – Local Governments for Sustainability	101-102
4.5	Adaptation/ Mitigation	Adaptation and mitigation of climate change impacts in Kampala, Uganda	104-105

### Chapter 5 Climate change, water, and wastewater in cities

5.1	Adaptation	Lagos, Nigeria megacity formal and informal water supply and wastewater treatment sectors	117-120
5.2	Vulnerability	Urban vulnerabilities in the least developed countries	121-124
5.3	Adaptation	Santiago de Chile: Adaptation, water management, and the challenges for spatial planning	125-126
5.4	Adaptation	Mexico City's formal and informal water supply	128-129
5.5	Vulnerability	Urban expansion and vulnerability in the city of Esmeraldas, Ecuador	130-131
5.6	Adaptation	Adapting New York City's water supply and wastewater treatment systems to climate change	133-134

### Chapter 6 Climate change and urban transportation systems

6.1	Adaptation	London, UK, storm surge barriers	150
6.2	Adaptation	Hyderabad, India, infrastructure adaptation planning	152-154
6.3	Adaptation	Cities in Climate Change Initiative: Maputo, Mozambique	156-159
6.4	Mitigation/ Adaptation	A sustainability framework tailored for transportation and applied to Sydney, Australia	166-169

### Chapter 7 Climate change and human health in cities

7.1	Vulnerability	United Kingdom floods in 2007	191
7.2	Vulnerability	Children's health and climate change	194

7.3	Adaptation	The World Medical Association's Declaration on Health and Climate Change	196
7.4	Adaptation	Disaster risk management in Pune, India	200
7.5	Adaptation	Advanced Locality Management (ALM) in Mumbai, India: Fostering climate resilience through community-based approaches	202
7.6	Adaptation	Toronto, Canada: Maps help to target hot weather response where it is needed most	205-206
7.7	Adaptation	Pilot projects to protect Canadians from extreme heat events	207

### Chapter 8 The role of urban land in climate change

8.1	Adaptation	Report from Rome, Italy: Discovery of crossroads	220
8.2	Mitigation	Links between urban form, travel patterns, energy use, and greenhouse gases	222-223
8.3	Mitigation	Conceptualizing the generation of greenhouse gases in urban areas	224-225
8.4	Mitigation/ Adaptation	Urban growth management and smart growth in the United States	230
8.5	Adaptation	Decentralization of fiscal authority in Ghanaian cities.	233
8.6	Vulnerability/ Adaptation	Vulnerability and resilience in a rapidly growing coastal city: Florianópolis, Brazil	235
8.7	Mitigation/ Adaptation	Benefits of urban forest in Oakville, Canada.	238
8.8	Adaptation/ Mitigation	Urban land use and the urban heat island phenomenon in Shanghai, China	239
8.9	Adaptation/ Mitigation	Initiatives towards reducing the impacts of the urban heat island (UHI) in Tokyo, Japan	240
8.10	Adaptation	Climate change adaptation in Stockholm, Sweden	241

### Chapter 9 Cities and climate change: The challenges for governance

9.1	Mitigation/ Adaptation	Local climate governance: Barriers and motivators to formulating more targeted policies	251
9.2	Mitigation/ Adaptation	Why do cities participate in global climate networks?	252
9.3	Mitigation	How do local authorities in Mexico City manage climate change?	254
9.4	Adaptation	Urban climate change adaptation: Competencies and finances from an economic perspective	256
9.5	Mitigation	An effective climate plan (CP) for Paris, France: The need to develop a metropolitan perspective	257
9.6	Mitigation	Tampere, Finland's climate change mitigation strategy: Addressing inter-municipal climate strategy	259
9.7	Adaptation	Climate-specific governance challenges faced in managing cities: A view from Durban, South Africa	260
9.8	Adaptation/ Mitigation	Climate action planning in Quito, Ecuador	262



# Appendix B

## Acronyms and Abbreviations

AGBA	Aglomerado Gran Buenos Aires (Greater Buenos Aires Agglomeration)	ECHAM5	Max Planck Institute for Meteorology global climate model (5th generation)
ALM	Advanced Locality Management, Mumbai, India	EEA	European Environment Agency
AMO	Atlantic Multidecadal Oscillation	EIA	Energy Information Administration, USA
AOGCM	Atmosphere-ocean general circulation model	ENSO	El Niño–Southern Oscillation
AR4	Fourth Assessment Report (IPCC)	EPA	Environmental Protection Agency, USA
ARC3	First UCCRN Assessment Report on Climate Change and Cities	ERDF	European Regional Development Fund
ASR	Aquifer storage and recovery	EU-ETS	European Emissions Trading Scheme
ASTRA	Developing Policies and Adaptation Strategies to Climate Change in the Baltic Sea Region	FAO	Food and Agriculture Organization of the United Nations
BaltCICA	Climate Change: Impacts, Costs and Adaptation in the Baltic Sea Region	FCV	Fuel cell vehicle
BCCR	Bjerknes Centre for Climate Research	FEMA	Federal Emergency Management Agency, USA
BREEAM	Building Research Establishment's Environmental Assessment Method, UK	FHWA	Federal Highway Administration, USA
BRT	Bus rapid transport	GCIF	Global City Indicators Facility
BTC	Belgian Technical Cooperation	GCM	Global climate model
CABA	Ciudad Autonoma de Buenos Aires (City of Buenos Aires)	GDP	Gross domestic product
CADWR	California Department of Water Resources	GEF	Global Environment Facility
CAP	Clean Air Partnership, Canada	GFDL	Geophysical Fluid Dynamics Laboratory, USA
CBA	Community-based adaptation	GHG	Greenhouse gas
CCAP	Center for Clean Air Policy, Washington, DC	GHMC	Greater Hyderabad Municipal Corporation, India
CCCDF	Canada Climate Change Development Fund	GIS	Geographical Information System
CCCCI	Cities and Climate Change Initiative (UN-HABITAT)	GISS	NASA Goddard Institute for Space Studies
CCMA	Canadian Center for Climate Modeling and Analysis	GRIHA	Green Rating for Integrated Habitat Assessment
CCME	Canadian Council of Ministers of the Environment	GTK	Geological Survey of Finland
CCP	Cities for Climate Protection	GW	Gigawatt
CCSR	Columbia University Center for Climate Systems Research	HadCM3	Hadley Centre for Climate Prediction global climate model
CDM	Clean Development Mechanism	HARS	Heat alert and response systems
CER	Certified emission reduction	HFA	Hyogo Framework for Action (UNISDR)
CH <sub>4</sub>	Methane	HHW	High high-water
CHP	Combined heat and power	HUA	Hyderabad urban agglomeration
CIDA	Canadian International Development Agency	ICE	Internal combustion engine
CIG	Climate Impacts Group, University of Washington	ICLEI	International Council for Local Environmental Initiatives (now ICLEI-Local Governments for Sustainability)
CLACC	Capacity Strengthening of LDCs for Adaptation to Climate Change (IIED)	IDF	Intensity-duration-frequency precipitation curve
CMIP	Coupled Model Intercomparison Project	IEA	International Energy Agency
CNG	Compressed natural gas	IEC	International Electrotechnical Commission
CNRM	Centre National de Recherches Meteorologiques (National Weather Research Centre) global climate model, Météo-France	IIED	International Institute for Environment and Development, UK
CO <sub>2</sub>	Carbon dioxide	INAM	Instituto Nacional de Meteorologia (National Institute of Meteorology), Mozambique
CO <sub>2</sub> -eq	Carbon dioxide equivalent	INDEC	Instituto Nacional de Estadística y Censos (National Institute for Statistics and Census), Argentina
CONAMA	Comisión Nacional del Medio Ambiente, Chile (Chilean National Commission for the Environment)	INGC	Instituto Nacional de Gestão de Calamidades (National Institute for Disasters Management), Mozambique
COP15	15th Conference of Parties (2009), Copenhagen (UNFCCC)	INMCM	Institute for Numerical Mathematics global climate model, Russia
COP16	16th Conference of Parties (2010), Cancun (UNFCCC)	IOD	Indian Ocean Dipole
CORDEX	Coordinated Regional Downscaling Experiment	IPCC	Intergovernmental Panel on Climate Change
CSH	Code for Sustainable Homes, UK	IPSL	Institut Pierre Simon Laplace global climate model, France
CSIRO	Commonwealth Scientific and Industrial Research Organization, Australia	IPUF	Instituto de Planejamento Urbano de Florianópolis (Urban Planning Institute of Florianópolis), Brazil
CSO	Combined sewer overflow	ISET	Institute for Social and Environmental Transition, Boulder, CO, USA
CUNY	City University of New York	ITCZ	Inter-Tropical Convergence Zone
CUSCCRR	Coalition of Urban Sustainability and Climate Change Response Research, Australia	JUCCCE	Joint US-China Collaboration on Clean Energy
CVCCCM	Centro Virtual de Cambio Climático (Virtual Center on Climate Change) Mexico City	KCC	Kampala City Council, Uganda
DG	Distributed forms of power generation and distribution	LAC	Latin America and the Caribbean
DGA	Dirección General de Aguas (National Water Authority), Chile	LCCP	London Climate Change Partnership
DoE	Department of Energy, USA	LDCs	Least developed countries
DOHMH	Department of Health and Mental Hygiene, New York City		

LECZ	Low-elevation coastal zone	PIUBACC	Global Climate Change Research Program, Buenos Aires University
LEED	Leadership in Energy and Environmental Design	PMC	Pune Municipal Corporation, India
LGA	Local government areas	PNA	Pacific–North American teleconnection pattern
LiDAR	Light Detection and Ranging	PPP	Public-private partnership
LMDGP	Lagos Metropolitan Development and Governance Project, Nigeria	PSA	Pacific-South American teleconnection pattern
LUKAS	Local Urban Knowledge Arenas	RCM	Regional climate model
LWC	Lagos Water Corporation, Nigeria	RFID	Radio-frequency identification
MDG	Millennium Development Goal	RISA	Regional Integrated Science and Assessments (NOAA)
METROS	Metropolitan Environmental Temperature and Rainfall Observation System	RMS	Región Metropolitana de Santiago (Santiago Metropolitan Region), Chile
MICOA	Ministry of Coordination of Environmental Affairs, Mozambique	SAM	Southern Annular Mode
MINVU	Ministerio de Vivienda y Urbanismo (Ministry of Housing and Urban Development), Chile	SEAREG	Sea Level Change Affecting the Spatial Development in the Baltic Sea Region Project
MIROC	Frontier Research Center for Global Change, global climate model, Japan	SOI	Southern Oscillation Index
MIUB	Meteorological Institute, University of Bonn, Germany	SPM	Suspended particulate matter
MJO	Madden–Julian Oscillation	SRES	Special Report on Emissions Scenarios, IPCC
MMC	Maputo Municipal Council, Mozambique	SUD-Net	Sustainable Urban Development Network
MoE	Ministry of Environment, Tokyo	TDM	Transportation demand management
MPI	Max Planck Institute for Meteorology, Germany	TERI	The Energy and Resources Institute, India
MRI	Meteorological Research Institute, Japan	TMG	Tokyo Metropolitan Government
MTA	Metropolitan Transportation Authority, New York City	TOD	Transit-oriented development
MW	Megawatt	TPH	Toronto Public Health, Canada
N <sub>2</sub> O	Nitrous oxide	UCCRN	Urban Climate Change Research Network
NAO	North Atlantic Oscillation	UFSMP	Urban Forest Strategic Management Plan
NAPA	National Adaptation Program of Action (UNFCCC)	UHI	Urban heat island
NARCCAP	North American Regional Climate Change Assessment Program	UNDP	United Nations Development Programme
NASA	National Aeronautics and Space Administration, USA	UNEP	United Nations Environment Programme
NCAR	National Center for Atmospheric Research, USA	UNFCCC	United Nations Framework Convention on Climate Change
NGO	Non-governmental organization	UNFPA	United Nations Population Fund (formerly United Nations Fund for Population Activities)
NOAA	National Oceanic and Atmospheric Administration, USA	UN-HABITAT	United Nations Human Settlements Programme
NPCC	New York City Panel on Climate Change	UNISDR	United Nations International Strategy for Disaster Reduction
NSF	National Science Foundation	USACE	United States Army Corps of Engineers
NYCDEP	New York City Department of Environmental Protection	USAID	United States Agency for International Development
OECD	Organization for Economic Cooperation and Development	UWMP	Urban Water Management Plan, California
OPEC	Organization of the Petroleum Exporting Countries	VKT	Vehicle kilometers traveled
PAYD	Pay-as-you-drive	VMT	Vehicle miles traveled
PCM	Parallel Climate Model (NCAR)	WBCSD	World Business Council for Sustainable Development
PCMDI	Program for Climate Model Diagnosis and Intercomparison, California	WCRP	World Climate Research Program
PCP	Plan Climat de Paris (Paris Climate Plan), France	WHO	World Health Organization
PDO	Pacific Decadal Oscillation	WMO	World Meteorological Organization
PHAC	Public Health Agency of Canada	WPCP	Water pollution control plant
PIEVC	Public Infrastructure Engineering Vulnerability Committee, Canada	WRI	World Resources Institute

# Appendix C

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# Index

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- Abidjan, Côte d'Ivoire, 255  
Accra, Ghana, 197, 233  
acid rain, 49  
adaptation, 29, 33, 36, 45, 61, 72–3, 104–5, 114, 117–21, 125–6, 129–34, 136–7, 139–40, 148–52, 156–62, 193–201, 205, 220, 238–9, 241, 251  
and disaster risk reduction, 17–20, 36–40  
community-based (CBA), 124, 202, 266, 267  
funding, 256, 260  
infrastructure, 135  
operations and management, 135  
policy, 105, 135–6, 200, 251  
strategies, 9, 26, 79, 106, 108, 136, 201, 236–7, 263  
strategy, 47  
adaptive capacity, 18, 21–2, 25–6, 28–9, 32–3, 194, 227, 234  
Adelaide, Australia, 219  
aeroallergens, 183, 187  
aerosols, 47, 55  
pollutants, 49  
Afghanistan, 192  
Africa, 31, 53, 56, 91, 104, 121, 180, 187, 193, 194, 197, 219, 250, 255  
Northern, 53, 186  
Southern, 50  
Sub-Saharan, 226, 232  
West Africa, 29, 77, 233  
agriculture, 55, 61, 62, 114, 156, 186, 197, 262  
air conditioning, 31, 47, 94–5, 98, 102–3, 107, 189, 196, 201, 239  
air pollution, 4, 31, 47, 49, 187, 199, 238  
air quality, 34, 35, 49, 148, 185–8, 197, 199, 238, 254, 262  
airports, 7  
Alabama, United States, 98  
Browns Ferry nuclear power plant, 98  
Alaska, United States, 95, 156  
Andes, 125, 262  
Andhra Pradesh, India, 152  
aquifers, 9, 116, 120, 127–9, 132, 137, 186, 221, 262  
Arctic, 95, 147  
Argentina, 22–6, 218, *see also* Buenos Aires  
National Programme on Climate Scenarios, 25  
Secretariat for Environmental and Sustainable Development, 25  
arid regions, 124, 188  
Asia, 53, 91, 121, 180, 187, 218, 219, 226, 234, 250, 255  
Pacific, 61  
South, 91, 102, 146  
Southeast, 50, 188  
asphalt, 9, 45, 161, 183, 225  
assessments, 17, 18, 20, 24, 38, 40, 90, 119, 130, 131, 136–7, 164, 182–3, 189  
adaptation, 61, 129, 132, 134, 161  
climate impact, 20, 156, 263  
risk, 19, 61, 203, 252, 151–6  
vulnerability, 61, 104, 207, 255  
Asuncion, Paraguay, 188  
Athens, Greece, 44, 53, 70, 92, 253  
Atlantic Multidecadal Oscillation, 53, 77  
Atlantic Ocean, 29–30, 53, 59, 77  
Austin, USA, 139  
Australia, 44, 50, 53, 62, 101–2, 116, 135, 188, 219, 234, *see also* Melbourne and Sydney  
Austria, 253, *see also* Vienna  
bacteria, 124, 128, 153, 181, 198  
*Campylobacter*, 186, 188  
*Cryptosporidium*, 124, 188  
*E. coli*, 186, 188  
*Giardia*, 124, 188  
*Leptospirosis*, 188  
*Toxoplasmosis*, 188  
Baltic Sea, 97, 241  
Bamako, Mali, 121  
Bandung City, Indonesia, 164  
Bangalore, India, 221, 231  
Bangkok, Thailand, 197  
Bangladesh, 102, 121, 186, 188, 193  
Banjarnegara, 189  
Beijing, China, 163, 197  
Benin, 121, 185  
Berlin, Germany, 139  
Bhutan, 102  
bicycles, 164, 199, 231  
biodiversity, 105, 126, 221, 241  
biofuel, 164, 169  
biomass, 8, 55, 86–7, 89, 95, 105  
Bogota, Colombia, 163, 165–6, 264  
Bolivia, 189  
Boston, 94, 130, 135, 161, 169, 189, 218–19, 263  
Brazil, 44, 51–2, 58–9, 138, 164, 192, 197, 228, 235, 252  
breezes, *see* winds, land sea breeze  
bridges, 23, 29, 124, 127, 155, 161–2, 182, 194, 200, 203, 235  
Brisbane, Australia, 197  
British Columbia, Canada, 253, 263  
Budapest, Hungary, 189, 266  
Buenos Aires, Argentina, 22–6, 218–19, 255  
2015 Strategic Plan, 26  
Global Climate Change Research Program at, 26  
Ministry for Environment, 26  
Urban Environmental Plan, 26  
building codes, 18, 26, 62, 89, 103, 192, 219, 231–2, 236–7, 250, 253, 258  
built environment, 10, 21, 55, 70, 97, 219, 223–7, 234, 240  
Bulawayo, Zimbabwe, 121  
bus, 9, 33, 147, 150, 155, 162–4, 166, 235  
C40 Cities – Climate Leadership Group, 6, 32–3, 40, 99, 108, 119, 146, 252  
Cairo, Egypt, 218–19  
Calcutta, India, 219  
Calgary, Canada, 116, 253  
California, USA, 116, 138, 161, 238  
Owens Valley, 116  
Santa Catalina Island, 116  
State Water Project, 137  
Sustainable Communities and Climate Protection Act (SB 375), 236  
Urban Water Management Plan (UWMP), 137  
Canada, 44, 60–1, 66, 116, 185, 187, 190, 205, 207, 253  
Alliance for Resilient Cities, 194, 203  
Canadian International Development Agency (CIDA), 31  
Clean Air Partnership (CAP), 237  
Climate Change Capacity Development Fund (CCCCDF), 31  
Federation of Canadian Municipalities, 252  
Health Canada, 207  
Natural Resources Canada, 206  
Cape Town, South Africa, 219  
Caracas, Venezuela, 180, 185  
carbon, 90–1, 102, 166, 254  
black, 64  
credits, 29, 105, 163, 238  
emissions, 27, 91, 103, 147, 164, 165, 254  
footprint, 162, 224  
footprints, 147  
sequestration, 238  
sinks, 165, 218–19  
taxing, 89, 251  
carbon cycle, 138  
feedbacks, 65  
oceanic, 49  
terrestrial, 54  
carbon dioxide (CO<sub>2</sub>), 55, 164, 263  
ambient, 47  
emissions, 34, 163, 199, 253  
equivalent (CO<sub>2</sub> eq), 102, 167  
urban, 47  
carbon monoxide, 163  
poisoning, 190  
Caribbean, 191  
cars, 146–7, 162–6  
Central Java province, 189  
Chennai, India, 147, 253  
Chicago, USA, 105, 139, 161, 163, 185, 187, 231, 260  
Climate Action Plan, 260  
Chile, 114, 124–6, 165  
China, 44, 88–9, 91, 95, 116, 147, 188, 218, 221, 228, 232, 239  
Pearl River Delta, 218

- Clean Development Mechanism (CDM) projects, 25, 29, 166
- climate, 124–9, 187–8, 257  
 extremes, 5, 32, 62, 71–7, 180  
 hazards, 8, 20–5, 33–5, 56, 149, 151, 156, 162, 235  
 indicators, 7  
 monsoonal, 56  
 projections, 7, 38, 44–5, 56, 71, 159, 169  
 risk, 4, 5, 7, 16–18, 20, 22, 32, 36, 38–9, 92, 146, 151–6, 200  
 system, 49  
 trends, 33, 44–5, 56  
 urban, 45–7  
 variability, 17–18, 53–4, 59, 193  
 vulnerability, 21–5, 33–5, 120–4, 261
- climate change, 45–7, 49, 53–4, 56  
 adaptation, *see* adaptation  
 effects on hurricanes, 77  
 El Niño, 188  
 hazards, *see* climate, hazards  
 impacts, *see* climate, impacts  
 mitigation, 28, 101, 137, 199, 243, 253, 259, 265  
 negotiations, 260  
 projections, 6, 61, 120  
 scenarios, 21, 29, 128, 130, 132, 261
- climate impacts, 98, 104, 124, 130, 136, 152, 161, 170, 189, 241, 255, 260
- climate models, 19, 34, 66, 71, 183, 187, 237  
 global (GCMs), 20, 63, 71, 104  
 projections, 21–2, 33, 38, 70, 132  
 regional (RCMs XE “Models: Regional climate,” 10  
 simulations, 21
- climate resilience, 107, 202, 265
- climate risk reduction, 33, 156
- Clinton Foundation, 253
- clouds, 49,
- coal, 29, 86–7, 95, 200
- coastal, 27, 116, 132, 185, 219, 234, 237, 238, 258  
 cities, 4, 7, 9, 21, 62, 70, 88, 104–5, 130–1, 135, 188, 230, 235, 237–8  
 flooding, 6, 30, 33, 35, 75, 121, 161  
 hazards, 71  
 storms, 7, 30, 33, 62, 71, 75–7, 155
- coastlines, 5, 7, 9, 19, 21, 24, 26–7, 29–31, 34, 61, 70–5, 78, 88, 95, 104, 116, 119–24, 130–2, 140, 156–9, 180, 185, 186
- Colombia, 228
- Colorado River, 116
- Colorado, USA, 116, 230
- compact growth, 148, 221
- compressed natural gas (CNG), 163  
 public transport, 28  
 vehicles, 28
- concrete, 9, 47, 161
- contaminants, 119, 124, 127, 181, 199
- cooling methods, 29, 45, 103, 196, 201, 239
- Copenhagen, Denmark, 38, 107, 260
- Cotonou, Benin, 121, 185
- cryosphere, 54
- Curitiba, Brazil, 164
- cyclones, 19, 33, 120  
 tropical, 16, 33, 61, 62, 71, 77, 181, 188,  
*see also* hurricanes
- Dakar, Senegal, 44, 55–6, 60, 62
- Dallas, USA, 66
- Dar es Salaam, Tanzania, 121
- decision-makers, 4, 7, 61, 119, 155, 169, 260, 262
- Delaware River Basin, 135  
 Lake Wallenpaupack, 135
- Delhi, India, 22, 26–9, 56, 60, 66–70, 163–6  
 Airport Authority, 28  
 Bhagidari program, 28  
 Centre for Science and Environment (CSE), 116  
 Metro Rail Corporation, 163  
 Municipal Corporation of Delhi, 28  
 New Delhi Municipal Council, 28  
 Public Works Department, 28
- Democratic Republic of the Congo, 192
- Denmark, 107, 229
- Denver, USA, 116
- Dhaka, Bangladesh, 181, 185
- disaster, 16, 19, 71, 131, 162, 189, 194, 199, 226–7, 258, 265  
 hydro-meteorological, 202  
 management, 19, 26, 200  
 response, 18, 266  
 risk reduction, 5, 6, 17–19, 36–8, 198  
 vulnerability, 19
- disease, 17, 105, 129, 182, 186, 188, 193, 202, 229  
 Acquired Immune Deficiency Syndrome (AIDS), 200  
 Chikungunya, 153  
 Cholera, 153, 189  
 Dengue, 153, 189  
 diarrheal, 153, 182  
 Human Immunodeficiency Virus (HIV), 186, 200  
 Integrated Vector Management (IVM), 198  
 Malaria, 153, 189  
 rodent-borne, 183  
 transmission, 187, 197, 227, 258, 265  
 vector-borne, 5, 121, 183, 188, 192, 197–8  
 water-borne, 5, 121, 129, 181, 188, 192, 198
- droughts, 7, 16, 19, 21, 23, 34, 63, 74, 78, 116, 121, 126, 135, 152, 186, 188, 194, 203
- Durban, South Africa, 20, 255, 260
- ecological footprint, 224
- ecological indicators, 166
- economic benefits, 5, 135
- economic costs, 5, 20, 24, 121, 136, 170
- economic impacts, 20, 164, 170, 234, 267
- ecosystems, 45, 47, 53, 62, 98, 126–7, 140, 183, 218, 221, 229, 235, 241, 262, *see also* marine, ecosystems
- Ecuador, 130–1, 255, 262
- Edinburgh, Scotland, 163
- El Niño–Southern Oscillation (ENSO), 49
- electric vehicles, 28
- electricity, 61, 88–9, 98, 102, 152, 189, 193, 226, 253  
 demand, 27, 34, 47, 92–5, 258  
 systems, 86–8, 198
- emissions, *see* carbon, emissions, and carbon dioxide, emissions, and greenhouse gas, emissions
- emissions scenarios, 71, 133
- energy, 8, 86, 88, 105, 129  
 blackouts, 87, 94, 195  
 consumption, 26, 28, 31, 53, 91, 107, 147, 162, 164, 169, 240, 253, 258  
 demand, 16–18, 28, 47, 92–5, 107, 131, 176, 263  
 market, 89  
 photovoltaic, 97, 196  
 policy, 99–102, 104–5  
 security, 99, 152,  
 sources, 87, 92, 95, 169  
 supply, 16–17, 86, 95, 107, 263  
 use, 44, 47, 55, 87, 89–91, 103, 137, 146, 219, 222–3
- energy systems, 8, 35, 86, 88, 92, 107, 189, 258  
 central, 104  
 cogeneration, 87, 97  
 local, 8, 99, 104  
 planning, 88  
 thermal, 87
- environmental justice, 6, 7, 261, 266
- Environmental Performance Index (EPI), 264
- Esmeraldas, Ecuador, 130–1
- European Emissions Trading Scheme (EU-ETS), 164
- European Union (EU), 28, 53, 89, 91, 97, 99, 101, 137, 169, 188, 220, 225, 228–9,
- evaporation, 34, 74–5, 186, 225
- evapotranspiration, 120, 124–5, 219, 223, 226
- extreme events, 5, 7, 8, 16, 18–20, 24, 31, 56, 62, 71–7, 149, 185, 186, 193, *see also* climate extremes, climate hazards, droughts, floods, precipitation
- Favelas, 114, 226
- Finland, 228, 258  
 Finnish Innovation Fund (SITRA), 259  
 Geological Survey of Finland (GTK), 73
- flood barriers, 135, 150–1
- flood plains, 10, 24, 98, 130, 150–1, 155, 197, 237
- floods, 8, 19, 24, 27, 105, 128, 135, 152, 155, 180, 182, 185, 191, 197–8, 200, 260  
 coastal, 21, 23, 188, 261  
 inland, 4, 21, 34
- Florianópolis, 235  
 Instituto de Planejamento Urbano de Florianópolis (IPUF), 235  
 Metropolitan Area Development Plan, 235
- Florida, USA, 156, 230, 257
- food, 16, 140, 169, 186, 189, 193, 197, 259

- security, 104, 152, 156, 182  
 supply, 114, 153, 180, 182, 194, 220  
 fossil fuel, 8, 44, 137, 200, 221  
 France, 181, 189, 228, 257  
 Fresno, California, USA, 116  
 fuel, 7, 86–8, 92  
   clean, 165, 170  
   mix, 91  
   residential consumption, 91  
   tax, 163, 165  
   transport emissions, *see also* transportation,  
     emissions  
   wood, 105  
  
 Galveston, Texas, USA, 96  
 geographic information systems (GIS), 154, 167,  
   205  
 Germany, 96, 154  
 Ghana, 233  
 glaciers, 8, 62, 70, 97, 125, 186, 262  
 Global City Indicators Facility (GCIF), 263–4  
 Global Environment Facility (GEF), 166  
 global warming, 21, 44, 77, 156  
 Goa, India, 219  
 governance, 38, 86, 100, 232  
   challenges, 10, 250, 260, 265  
   climate change, 9, 126, 255  
   energy systems, 88–9  
   water, 129  
 governance, 7  
 Great Lakes, 160  
 Greece, 70, 253  
 green building, 28, 62, 221, 253  
 green roofs, 29, 103, 196, 239  
 greenbelts, *see* urban growth boundaries  
 greenhouse gas (GHG), 21, 55, 186, *see also*  
   carbon dioxide, *and* methane  
   emissions, 4, 21, 44, 89, 146–7, 219, 222–3,  
   253  
   inventory, 101–2, 107  
   mitigation, 7, 137, 149, 162–4, 199, 236  
 Greenland, 53, 71  
 groundwater, 30, 70, 114, 116, 126–7, 139, 219  
 growth management, 230  
 Guangzhou, 188, 219  
 Gulf of Mexico, 95–6  
  
 Haiti, 227  
 Hanoi, 116  
 Harare, 44, 56, 63, 70, 121  
   Kariba hydropower plant, 121  
 Havana, Cuba, 188, 197, 219  
 health, 9–10, 87, 129, 182–3  
   children, 194  
   hazards, 258  
   risks, 182–3, 197  
   surveillance systems, 201  
 heat alert and response systems (HARS), 204, 207  
 heat waves, 7, 16, 21, 29, 31, 34, 62, 74, 127,  
   152, 183, 226  
 Honduras, 191  
 Hong Kong, 139  
  
 Houston, Texas, USA, 96  
 hurricanes, 33, 77, 79, 96, 155, 198, 267, *see also*  
   cyclones, tropical  
 Hyderabad, India, 152–77  
 hydroelectric, 97, 190, *see also* hydropower  
 hydrologic, 5, 9, 55, 97, 114, 127, 135, 140  
 hydropower, 97, 138, *see also* hydroelectric  
 Hyogo Framework for Action, 19  
  
 ice-melt, 63–71, 169  
 ice sheets, 62, 70–1  
 ICLEI, 5, 91, 99, 101, 108, 237–8  
   Cities for Climate Protection Campaign  
     (CCP), 101–2, 252  
 IIED (International Institute for Environment and  
   Development), 5, 121  
 Ikeja, Nigeria, 29  
 illnesses  
   food-borne, 188, 193, 198  
   water-borne, *see* disease, water-borne  
 impervious surfaces, 10, 45, 92, 218, 225–6  
 India, 26, 60, 66, 90, 116, 152, 155, 166, 185,  
   188, 199–200, 202, 221, 253  
   Mula river, 200  
   Mumbai–Pune megaregion, 218  
   Mutha River, 200  
   National Action Plan for Climate Change, 26, 29  
   Supreme Court of, 163  
 Indian Ocean, 156  
   Dipole (IOD), 53  
 Indonesia, 50, 147–8, 156, 164, 189, 193  
 infrastructure, 7, 86, 105, 161, 221, 263  
   energy, 7, 87–8  
   health, 10  
   investment, 135  
   planning, 6, 136  
   social, 231  
   transport, 9, 104, 146  
   urban, 7, 234, 265  
   water, 114, 116, 129  
 Intergovernmental Panel on Climate Change  
   (IPCC), 17, 114  
   Fourth Assessment Report, 16, 20, 186, 207  
   health, 182  
   Impacts, Adaptation and Vulnerability Report,  
     182  
   mitigation, 137  
   sea level rise, 70  
   snow, 75  
   Special Report on Emissions Scenarios  
     (SRES), 64  
   Special Report on Emissions Scenarios  
     (SRES), 29  
   transportation emissions, 146  
   warming, 54  
   Working Group I, 165  
   Working Group II, 16  
   Working Group III, 20  
 inundation, *see* floods  
 Iraq, 192, 219  
   Euphrates river, 219  
   Tigris river, 219  
  
 Ireland, 97  
 Italy, 116, 135, 180, 228  
  
 Jackson, Mississippi, USA, 232  
 Jakarta, Indonesia, 50, 141, 156, 219  
 Japan, 20, 44, 147, 161, 188, 218, 240  
   Ministry of Environment (MOE), 163  
   Shinkansen, 151  
 Johannesburg, South Africa, 253, 255  
  
 Kampala, Uganda, 104–5, 121, 189, 197  
 Kathmandu, Nepal, 121  
 Kenya, 121, 194  
 Khulna, Dhaka, Bangladesh, 121  
 Kingston, Jamaica, 44, 56, 66, 75–6  
 Kokkola, Finland, 73  
 Korea, South, 147, 188  
 Kyoto Protocol, 25, 102, 252  
  
 La Paz, Bolivia, 189  
 La Plata river, 23–4, 26  
 Lagos, Nigeria, 22, 29–33, 114, 117  
 land subsidence, 62, 116, 124, 221  
   effects on groundwater, 116, 127  
   effects on sea level rise, 70  
 land tenure, 10, 23, 218, 227, 250  
   China, 228  
 land uplift, 73  
 land use, 10, 138, 219, 227, 229, 234  
   changes, 55, 59  
   mixed, 27, 148  
   planning, 62, 89, 150, 219, 228, 267  
   policy, 86  
   regulations, 103, 231–2  
   water, 129  
 landfill, 166, 199, 202, 235, 253  
 landslides, 131, 189, 203, 219, 260, 262  
 Latin America, 22, 101, 125, 130, 187, 191, 235,  
   250  
   urbanization of, 228  
 Leadership in Energy and Environmental Design  
   (LEED), 90, 221, 263  
   certification framework, 253  
 Least Developed Countries (LDCs), 121–4  
 LiDAR (Light Detection and Ranging), 72  
 Lisbon, Portugal, 189  
 London, England (UK), 40, 44, 53, 62, 70, 102,  
   105, 139, 150, 163, 189, 201, 236, 260–1  
   Climate Change Adaptation Strategy, 260  
   Climate Change Partnership (LCCP), 237  
   Greater London Authority, 182  
   North Atlantic Oscillation, 53  
   storm surge barriers, 151  
   Strategic Flood Response Plan, 261  
   transportation, 155, 164  
   Water Action Framework, 261  
 Los Angeles, USA, 116, 163  
   emissions, 263  
 low lying areas, 188  
 low-lying areas, 26, 78, 121, 188, 189, 200, (low  
   lying elevations, low elevation coastal zones)  
 Luján river, 24

- Macao, 219
- Madagascar, 188
- Madden-Julian Oscillation (MJO), 53
- Madras, India, 219
- Maharashtra State, India, 185, 200
- Mali, 121
- mangroves, 235
- Manitoba, Canada, 207
- Maputo, Mozambique, 174
- marine, 127
  - ecosystems, 53
  - organisms, 81
  - transport, 155
- marshes, 180
- Maryland, USA, 98, 156
- mass transit, 147, 162, 165, *see also* transportation, systems
- megacities, 22, 152, 218, 256
- megalopolis, 218
- Melbourne, Australia, 44, 62, 70, 135, 219
- methane (CH<sub>4</sub>), 33, 55
  - cycle, 63
  - emissions, 138, 139
- metropolitan area, 10, 22–4, 26, 91, 125, 156, 166, 218–19, 236, 257–8
  - Planning, 161, 230–1
- Mexico, 186, 193
  - mega-city-region, 218
- Mexico City, Mexico, 39, 40, 114, 116, 163–4, 186, 199, 218, 221, 254–6
  - Virtual Center on Climate Change, 78
  - water supply, 128–9
- Miami, Florida (USA), 139, 188
- microclimates, 45, 79
- Minneapolis, Minnesota, USA, 94, 255
- Mississippi, USA, 232
- mitigation, *see* climate change, mitigation
- models, *see also* climate models
  - agent-based (AB), 243
  - cellular automata (CA), 243
  - downscaling, 20, 132, 234, 238, 242
  - Global Climate (GCMs), 18, 61–4, 73, 102
  - regional climate, (RCMs), 8, 64–5
- mold, 191, 241
- Mombasa
  - Tudor settlement, 121
- Mombasa, Kenya, 121
- Monsoon, 56, 61, 181, *see also* climate, monsoonal
  - Indian, 26–7
- Montreal, Canada, 190, 207
- morbidity, 31, 182, 185, 207
- mortality, 31, 47, 182, 185, 187, 189, 194, 206
- Mozambique, 156
  - National Institute for Disaster Management (INGC), 156
- Mumbai, India, 163, 180, 185, 188, 197, 218
  - Advanced Locality Management (ALM), 202
  - Municipal Corporation of Greater Mumbai (MCGM), 202
- Nairobi, Kenya, 194, 197
- natural gas, 55, 86–7, *see also* compressed natural gas (CNG)
- Nepal, 102, 121, 194
- Netherlands, 148, 188, 228
  - Randstad, 218
- New Brunswick, 207
- New Orleans, Louisiana, USA, 96, 151, 155, 185, 188, 193, 227
- New York, 33–6, 56–7, 60, 94, 98, 102, 105, 164
  - Department of Environmental Protection, 36, 133
  - East River, 96
  - emissions, 21
  - extreme events, 71–5
  - Manhattan, 102
  - Metro-North Railway, 9
  - Metroplitan Transport Authority, 164
  - New York City Panel on Climate Change (NPCC), 36, 70
  - NYC Climate Change Adaptation Task Force, 36
  - PlaNYC, 91, 164
  - sea level rise, 70–1
  - water, 133–5
- New Zealand, 102
- Nicaragua, 191
- Nigeria, 29, 117
- Nile Delta, 219
- nitrous oxide (N<sub>2</sub>O), 55
- nor'easters, 33
- North Atlantic Oscillation (NAO), 52–4, 70, 77
- Oakville, Canada, 238
  - Urban Forest Strategic Management Plan (UFSMP), 238
- ocean, 29, 70, 75, 114, 127, *see also* sea level rise, 66
  - acidification, 260
  - currents, 70
- Ogun River, 32, 118
- Ogun State, Nigeria, 33, 117–18
- oil, 95
  - consumption, 165
  - security, 95
- Oklahoma City, Oklahoma, USA, 102
- Ontario, Canada, 66
  - Walkerton, 186
  - Windsor, 207
- Oregon, USA, 97, 161, 230, 257
- ozone (O<sub>3</sub>), 34, 47, 182, 187
- Pacific Decadal Oscillation (PDO), 53
- paleoclimates, 63
- Panama Canal, 188
- Paraguay, 191
- Paraná river delta, 23
- parasites, 124
- Paris, France, 102, 181, 185, 257
  - Plan Climat de Paris (PCP), 257
  - Plan des Déplacements Urbains, 257
  - Plan Local d'Urbanisme, 257
  - Velo Lib, 257
- particulate matter, 34, 238
- pathogens, 204
- Pay-As-You-Drive (PAYD) programs, 164
- permafrost, 95
- permeable pavements, 195, 201
- petroleum, 118, 146
- Philadelphia, Pennsylvania, USA, 218
- Philippines, 61–2, 188, 255
  - Cebu City, 255
- Phoenix, Arizona, USA, 94, 116, 225
- policy, 17, 19, 89, 99, 159, 161, 242, 261
  - adaptation, 104–5, 135–6, 139
  - barriers to implementation, 91
  - instruments, 90, 103, 170
  - mitigation, 102–4
  - objectives, 165
- policymakers, 7, 86, 103
- policy making, 103, 251, 254, 264
  - intergovernmental relations, 253
  - science-based, 17
- pollution, 89, 119, *see also* air pollution
- population, 10, 21, 44, 47, 55, 130, 139, 180, 192–3
  - density, 21, 148, 180
  - global, vii
  - vulnerable, 44, 182, 185, 188, 197, 226–7, 242, 250
- Port au Prince, Haiti, 227
- Port-Harcourt, Nigeria, 29
- Portland, Oregon (USA), 230, 257–8
- Portugal, 53, 228
- postglacial rebound, *see also* land uplift
- postglacial rebound, 73
- power plants, 86, 95, 102
  - vulnerability, 96
- precipitation, 8, 47, 49, 60–1, 63
  - effects on hydropower, 97
  - effects on water, 124, 126
  - projections, 66, 70, 74
- pricing instruments, 163–4
- property rights, 10, 218–20, 227–9, *see also* land tenure
- public health, 129, 196, 198
  - departments, 201
- public private partnerships (PPPs), 120
- public transportation, *see* mass transit and transportation
- Pune, India, 200, 218
- Quebec, Canada, 185, 207
- Quito, Ecuador, 188, 255, 261, 262
- radiation, 34, 55, 223–5
  - longwave (terrestrial), 45
  - shortwave (solar), 45, 47, 97, 226
- rainfall, *see* precipitation
- rainwater, 128, 241
  - capture, 9, 126, 139
  - harvesting, 29, 202
- rapid ice-melt, 71
- renewable energy, 86, 199, 263
- Rio de Janeiro, Brazil, 51, 139, 219, 226
  - Favela Santa Marta, 226

- risk assessment, *see* assessments, risk  
 risk reduction, 5, 36, *see also* disaster risk reduction  
 Rome, 220  
 runoff, 105, 120, 127, 186, 221  
 rural–urban migration, 186, 192
- Sacramento, California (USA), 116, 127  
 Saint Paul, Minnesota (USA), 255, *see also* Minneapolis  
 San Diego, California (USA), 116, 238  
 San Francisco, California (USA), 161, 163, 187  
 Santa Catarina Island, Brazil, 235  
 Santiago de Chile, Chile, 114, 125–6  
 São Paulo, Brazil, 44, 56, 62, 70, 139  
 El Niño, 52  
 projections, 58–9  
 Scandinavia, 97  
 scenarios, *see* climate change, scenarios  
 sea level rise, 61–2, 70–1, 234, 237, *see also* ice-melt, *and* rapid ice-melt  
 adaptation, 135  
 Dakar, Senegal, 62  
 impacts on water systems, 127  
 New York City, 71, 75  
 rapid ice-melt, 71  
 vulnerability, 238  
 Seattle, Washington (USA), 94, 97, 124, 130, 139, 186, 253  
 seawalls, *see* flood barriers *and* storm surge, barriers  
 seawater, 116, 135  
 desalination, 114, 137  
 intrusion, 116, 124, 127  
 sediment, 124, 127, 186, 219, 237  
 semi-arid regions, 124  
 Seoul, South Korea, 196, 236  
 settlements, 5, 17, 149, 189, 221  
 informal, 23, 27–8, 88, 121, 131, 137, 140, 192, 226–8, 234, *see also* slums  
 sewage, 153, 189  
 Combined Sewer Overflows (CSO), 127  
 systems, 116, 119, 128  
 treatment, 116–17, 129, 190  
 Shanghai, China, 44, 47–9, 62, 70, 116, 180, 185, 188, 197  
 Jinze Town, 225  
 Urban Heat Island, 239  
 Sheffield, UK 163  
 Shreveport, Louisiana (USA), 94  
 Singapore, 163, 219  
 slums, 23, 27, 150, 183, 189, 192, 226–7, 234, 258  
 floating, 30  
 smart growth, 223, 230, 236, *see also* growth management  
 smog, 181, 185, 204  
 snow, 8, 60–1, 70, 75, 95, 97–8, 126, 186  
 North Atlantic Oscillation (NAO), 53  
 soakaway systems, 119  
 soil, 137, 197, 219  
 cooling capacity, 45, 98  
 erosion, 105, 237  
 infiltration, 200  
 moisture, 47–8  
 solar,  
 absorption, 55  
 radiation, 47, 97,  
 thermal energy, 196  
 variability, 61–2  
 solid waste, 33, 105, 120, 189, 191, 253, 258  
 Somalia, 192  
 Sorsogon City, Philippines, 61–2  
 South Africa, 20, 101, 228, 253, 255  
 South America, 50, 188, 197, 262  
 Andean Community of Nations, 262  
 Antisana glacier, 262  
 Bus Rapid Transit, 164  
 El Niño Southern Oscillation, 50  
 malaria, 187  
 Southern Annular Mode (SAM), 53  
 South Atlantic, 23, 59  
 South Korea, *see* Korea, South  
 Southern Annular Mode(SAM), 53  
 southern hemisphere, 53  
 Spain, 96–7, 228  
 Sri Lanka, 102  
 stakeholders, 5–7, 22, 39, 49, 63, 88, 105, 165  
 Stockholm, Sweden, 163, 182, 241  
 Steering Committee for Climate Adaptation, 241  
 storm surge, 76, 96, 127, 234  
 barriers, 150, 151  
 storms, 75, 185, *see also* coastal, storms *and*, extreme events  
 ice, 98  
 snow, 95  
 subsidence, *see* land subsidence  
 subway, 147, 151, 166  
 adaptation, 162  
 Sudan, 192  
 sulphur dioxide, 238  
 surface albedo, 45, 55  
 sustainability, 148  
 indicators, 264  
 Sydney, 166–9  
 Sydney, Australia, 139, 189, 219
- Taiwan, 188  
 Taipei subway, 151  
 Tamil Nadu, India, 231  
 Tampere, Finland, 259  
 Tanzania, 121  
 Tatabanya, Hungary, 266  
 teleconnections, 49, 53  
 Pacific North American (PNA), 50  
 Pacific-South American (PSA), 50  
 Tema, Ghana, 233  
 temperature, 16, 45, 56–7, 66–70  
 extremes, 71  
 global, 53  
 mean, 59
- Tennessee River, 98  
 terrestrial radiation, *see* radiation, terrestrial  
 Thailand, 223  
 Thames River, 135, 261  
 storm surge barriers, 150  
 Tokyo, Japan, 44, 62, 70, 225, 240, 255  
 Urban Heat Island, 57  
 tornadoes, 120, 198  
 Toronto, Canada, 44, 60–1, 66, 70, 139, 182, 205–6, 256  
 University of, 263  
 transit-oriented development (TOD), 223  
 transmission and distribution networks, 98  
 electricity, 98  
 transportation, 9, 146  
 adaptation, 9, 156  
 air, 257  
 climate hazards, 155  
 climate impacts on, 147  
 demand management (TDM), 165  
 emissions, 146–7, 162  
 mitigation, 162–5  
 motorized, 147  
 planning, 146, 148, 156–9, 162  
 policy, 165  
 rail, 9  
 surface, 9  
 systems, 146, 148  
 urban, 147  
 vulnerability, 9  
 water, 129  
 transportation research board, 147, 155, 156  
 tropical cyclones, *see* cyclones, tropical  
 tropics, 49, 53, 78  
 subtropics, 70  
 Tucson, Arizona (USA), 116  
 Tula basin, Mexico, 128  
 Typhoons, 61, 151
- Uganda, 104–5,  
 uncertainty, 8, 16, 229  
 climate change, 38, 71, 76  
 El Niño/La Niña, 54  
 greenhouse gas emissions, 64  
 impacts, 106, 203  
 United Kingdom, 90–1, 97, 191, 203  
 Building Research Establishment’s  
 Environmental Assessment Method  
 (BREEAM), 221  
 Climate Impacts Programme, 20, 203  
 floods, 191  
 Hadley Centre for Climate Prediction and  
 Research, 261  
 Met Office HadCM3 climate model, 189  
 National Indicators for Local Authorities,  
 203  
 United Nations, 89, 101, 146, 218  
 Development Programme (UNDP), 228  
 Environment Programme (UNEP), 119  
 Food and Agriculture Organization, 186  
 Framework Convention on Climate Change  
 (UNFCCC), 25, 176, 260

- United Nations (*Continued*)  
 Millennium Development Goals (MDGs), 228, 265
- United Nations Human Settlements Programme (UN-HABITAT), 5, 29, 203  
 Cities in Climate Change Initiative (CCCI), 104, 156–9  
 Local Urban Knowledge Arenas (LUKAS), 105  
 Sustainable Cities Programme, 62  
 Sustainable Urban Development Network (SUD-Net), 104
- United States, 33, 50, 97, 148, 160–1, 165, 169, 188, 230, 253, 257, 267  
 Conference of Mayors Climate Protection Agreement, 102, 252  
 Density, 218  
 Department of Agriculture, 238  
 Federal Highway Administration, 149, 161–2  
 Green Building Council, 221  
 Growth Management, 230  
 National Oceanic and Atmospheric Administration (NOAA), 238  
 National Research Foundation, 243  
 National Science Foundation (NSF), 243  
 Regional Integrated Sciences and Assessments (RISA), 239  
 Tacoma Narrows Bridge, 161  
 Urban Leaders Adaptation Initiative, 194, 203
- urban, vii  
 agriculture, 156, 197, 262  
 design, 162, 199, 230, 253, 261  
 expansion, 219, 221, 223  
 growth boundaries, 222, 230, 236, 242  
 health hazards, 170, 263  
 heat island, *see* urban atmospheric islands, heat island  
 land management, 218, 227, 232  
 metabolism, 224–5  
 planning, 10, 120, 170, 181, 189, 221, 225, 229–31, 234–7, 260  
 settlements, 147  
 sprawl, 148, 221, 232  
 vulnerabilities, 104
- urban atmospheric islands, 47  
 air pollution island, 47, 49  
 dry island, 47  
 heat island, 4, 21, 45–9, 57, 92, 120, 148, 183, 185, 196–7, 225, 239–40  
 humidity island, 47  
 moisture island, 47–8  
 rainfall island, 47
- Urban Climate Change Research Network (UCCRN), 4, 239  
 urban rainfall effect, 47, 49  
 urbanization, 6–7, 47, 55, 193, 219, 223
- vaccination, 198  
 vegetation, 45, 47, 180, 195, 238–9  
 vehicle, 33, 102, 161  
 compressed natural gas (CNG), 28, 163  
 electric, 26  
 energy use, 146  
 growth rate, 147  
 hybrid, 164,  
 miles traveled (VMT), 148, 164  
 personal, 162
- Venice, Italy, 116, 135, 180  
 vertical wind shear, 77  
 Vienna, Austria, 253  
 Vietnam, 116, 188, 223  
 vulnerability, 6, 9, 21, 96, 102, 121–4, 194, 206, 235, 261  
 and climate hazards, 22–5  
 mapping, 201  
 physical, 121  
 social, 5
- Washington, DC (USA), 218  
 Washington, USA, 97, 156, 161, 203, 230, 237, 253  
 University of Washington Climate Impacts Group (CIG), 253
- waste, 101, 105, *see also* solid waste  
 biological, 182  
 collection, 180, 204, 250  
 disposal, 16, 89, 202, 220  
 management, 101, 105, 202, 253
- wastewater, 114–17  
 disposal, 114, 127  
 pollution control plants (WPCP), 117, 127, 133  
 treatment, 8, 114, 117, 120, 129, 133–4
- water, 117  
 banking, 9, 139, 140  
 conflicts, 125–6  
 demand, 120, 129, 198  
 informal markets, 117–20  
 law, 9  
 management, 9, 119, 125–6, 139, 140  
 recycled, 137  
 reuse, 116, 140  
 shortages, 17, 131, 137, 198  
 table, 119
- water resources, 9, 16, 75, 114, 116, 136, 139  
 groundwater, 55, 116, 126, 127, 135  
 surface, 30, 114, 135, 138, 186
- water supply, 128–9  
 adaptation, 129–30  
 boreholes, 117–18, 127  
 formal, 114–7  
 impacts, 124, 127  
 informal, 117–20, 127, 129, 136  
 leakage, 137, 139, 261  
 reservoir-based, 138  
 systems, 114, 116, 120–4, 129, 186
- water treatment facilities, 34, 130  
 emissions, 139
- watersheds, 127, 138, 140, 198  
 Wellington, New Zealand, 72  
 West Antarctic, 70–1  
 wetlands, 33–4, 117, 127, 237  
 emissions, 138
- wildfires, 62, 150, 198, 219, 237
- wind barriers, 161  
 wind damage, 161, 188  
 wind farms, 86, 97  
 wind power, 97, 138
- winds, 161  
 land sea breeze, 196, 240
- World Bank, 203, 228, 253  
 adaptation planning, 237  
 Cities and Climate Change Symposium, 203  
 Climate Resilient Cities primer, 181, 234, 238  
 Global City Indicators Program, 243, 261, 263
- World Climate Research Program (WCRP), 65  
 World Health Organization (WHO), 188, 198, 203
- World Medical Association, 195, 203  
 Declaration on Health and Climate Change, 195–6
- World Meteorological Organization (WMO), 62  
 World Resource Institute (WRI), 20
- Yale Center for Environmental Law and Policy, 264  
 Yamuna River, India, 27
- Zambia, 186  
 Zimbabwe, 44, 63, 121, 192  
 El Niño, 49  
 zoning, 131, 149, 225, 231–2