Cambridge University Press & Assessment 978-1-009-05437-9 — Community Disaster Recovery Deserai A. Crow , Elizabeth A. Albright Index More Information

# Index

accessibility, 25, 53, 133, 169, 182, 185-186, 207-208 Advocacy Coalition Framework (AFC), 20, 48, 87, 109, 127, 129 African American/Black community, 9, 181-182, 185, 187 agenda setting, 18, 74, 137, 155, 163-165, 170, 175, 179 agriculture, 11, 28-29, 33, 37, 70, 88, 181, 191-193, 195, 197, 202 authority, 62-63, 83, 140-141, 150, 168-169, 174, 179 beliefs. See also worldviews, See also risk perceptions causes/causal understanding, 18-20, 93, 100-101, 106-108, 110-111, 170–171, 173, 179, 187, 196, 204 policy preferences, 26, 85, 87-98, 100-102, 104, 106-110, 119-120, 127, 129, 134-135, 170-171, 196, 203-204 problem severity, 4, 18-20, 26, 84, 94, 96, 100-101, 108-111, 170-173, 204 Big Thompson Flood of 1976, 35, 98 Big Thompson River, 33, 35 Boulder damages, 34-35, 37, 44, 53, 56, 75, 80 learning, 44, 80, 149-150 policy change, 43, 52, 135 resilience, 43–44, 71, 73, 160–161 resources, 63, 65, 73, 75, 160 Boulder Creek, 35 business, 31, 53, 56-57, 70, 88, 121, 133-134, 202 capacity administrative, 25, 48-49, 72-73,

administrative, 25, 48–49, 72–7 80, 159, 182, 185, 196

civic, 48-49, 73-74, 161, 191 financial, 25, 48, 65-72, 74, 76, 159, 161, 167, 193 human, 49, 61, 73-74, 80, 161, 193 pre-disaster, 64, 150, 210 technical, 74-75, 159, 161 citizen, 26, 97, 120 climate, 4, 7, 15-16, 29, 34, 181, 196 climate change, 1, 15-17, 27, 91, 108, 127, 196, 199-200, 205 coalition (defined), 128-129 coalitions advocacy, 128-129 advocacy coalitions, 131, 174 ally networks, 128 coalition emergence, 129-131, 136 coordination networks, 128 neighborhood groups, 131-133, 135, 183 coastal areas, 11, 15, 17, 181 Colorado Resiliency Framework, 42 community-scale framework, 4, 25, 159-161, 165, 177, 205, 207 conflict, 128, 140-142, 170, 205 culture, 26, 73, 87-98 damages businesses, 35, 47, 51-52, 55, 57 housing, 51, 53, 56-57, 70-71, 84, 108, 187 parks and open space, 53, 60 public infrastructure, 35, 52-53, 55-56, 68, 92, 186 river corridors, 7, 60, 96 decision-making, 26, 48-49, 53, 61, 72-74, 84, 100, 127, 137, 139, 156, 164, 173, 175, 179-180, 208

deliberation, 164–165, 169–170, 173, 175–176

266

## CAMBRIDGE

Cambridge University Press & Assessment 978-1-009-05437-9 — Community Disaster Recovery Deserai A. Crow , Elizabeth A. Albright Index More Information

### Index

demographics, 2, 25, 34, 83, 88-89, 174, 183, 185 Dillon's Rule, 25, 62, 169, See also Home Rule disaster cycle emergency response, 1, 3, 11-13, 24, 52, 61, 73, 139, 156, 166, 168, 198 hazard mitigation, 11-13, 71, 120 long-term recovery, 11-12, 44, 49, 61, 71, 103, 180, 183, 198, 204 preparation/preparedness, 11, 13, 17, 24, 72, 94, 129, 155, 182, 197, 199, 207-208 disaster management, 11, 15, 103, 168, 182, 190 disaster policy subsystem (defined), 12-13, 129, 131, 134 disaster recovery planning process, 130-131, 134-135, 179, 204, 208 drivers of learning, 3, 23, 191, 204 of policy change, 8, 23-24 of risk, 16, 84 of trust, 106 of vulnerability, 91 drought, 1, 9, 27, 91, 196, 199-200 economic development, 69, 193 sectors, 28-33, 60, 88, 181 ecosystems, 9, 31, 52 education, 16, 33, 74, 94, 102, 126, 172, 181, 185, 199, 210 employment, 29 engineering, 9, 23, 44, 75, 192-193, 196 environmental organizations, 192-194, 196 Estes Park damages, 54-56, 96, 135 learning, 149-150 policy change, 66, 70-71 resilience, 160-161 resources, 54, 63, 66, 149-150 European Union EU Flood Directive, 190 intergovernmental relationships, 190-191, 193, 195-196 Solidarity Fund (EUSF), 190 evacuation, 37, 198, 201

Evans damages, 38, 56-57, 65, 93, 108, 122 learning, 122, 149-150 policy change, 70-73, 122 resources, 75, 126, 142, 149-150, 185 experts engagement, 75, 119, 131-134, 170-171, 173 external, 74, 101, 119 local, 35 policy, 5 risk perception, 95 technical, 4, 74, 127, 180 faith-based organizations, 17, 53, 208 families, 10, 48, 56, 71, 188 farmers, 9, 193-194, 196 federal government Army Corps of Engineers (Corps), 8-9, 184 Community Development Block Grant Disaster Recovery (CDBG-DR) program, 70-71, 142, 183 congress, 9, 13-14, 54, 143, 182-183 Department of Homeland Security (DHS), 14-15, 143, 182 Department of Housing and Urban Development (HUD), 52, 70-71, 183 Federal Emergency Management Agency (FEMA), 10, 13-15, 24, 49, 51, 65, 68-70, 72, 76, 97, 100-102, 148, 168, 182-184, 188, 199 National Guard, 37, 39-40, 139, 168 National Park Service (NPS), 28, 33, 51, 54-55, 88 Small Business Administration (SBA), 71 U.S. Global Change Research Program, 16 federalism, 13, 139, 182, 190 flood management, 8-10, 35, 102, 119, 190-196 focusing event, 12, 35, 155-156 framework. See community-scale framework

267

# CAMBRIDGE

Cambridge University Press & Assessment 978-1-009-05437-9 — Community Disaster Recovery Deserai A. Crow, Elizabeth A. Albright Index More Information

#### 268

#### Index

Germany, 190-191 grant funding, 43, 71, 73, 80, 208 Great Flood of 189434-35 Greeley damages, 53, 56, 65 learning, 80 policy change, 66, 73 resilience, 160 resources, 73 hazard (defined), 91 hazards climate-driven, 15, 91, 181 COVID-19, 91, 202-203 earthquakes, 13, 84, 90, 101 floods, 1, 15, 27, 34, 47, 91, 93, 187 tornados, 13, 23, 91 tsunamis, 13, 84 wildfires, 1, 27, 34, 90, 196-201, 208 health, 16, 24, 90, 198, 208 ecological, 52, 143, 160 public, 52, 203, 208 history, 7, 26, 28, 35-36, 73, 83, 91, 181, 183, 191-193, 196, 200 Home Rule, 25, 62-63, 169 housing. See also damages affordable housing, 54, 56-57, 70-71,91 mobile homes, 38, 56-57, 92, 108 Hungary. See also Tisza River beliefs, 195-196 environmental organizations, 192-194 history of flooding, 181, 191–192 local officials, 192-194, 196 national government officials, 194, 196 openness, 194 Vásárhelyi Terv Továbbfejlesztési (VTT), 194-195, 204 Hurricane Irene, 57 Hurricane Joaquin damages, 186-187 FEMA, 188 home ownership, 187-189 risk perception, 187-189 Hurricane Katrina damages, 10, 181-182 inequities, 11, 182-185 participatory processes, 182-184

immigrants, 88, 210 income, 33-34, 56-57, 63, 91, 122, 182, 185, 187-188, 199 inequities, 9, 11, 47, 56, 133, 181-182, 184-186 information. See also media acquisition, 76, 86, 110, 171-172 dissemination, 2, 4, 25, 101, 105, 171, 175, 180, 198-199, 209-210 infrastructure power, 35, 39, 55-56 transportation, 13, 53-55, 66, 84, 120, 172 waste and wastewater, 39, 54-56, 66, 72, 84, 92, 160 insurance, 51, 62, 106, 131, 166 intergovernmental relationships coercive, 140-141, 149, 179 collaboration, 4, 43, 143, 150, 169, 179 cooperative, 141, 150, 169, 179 Latino/Latina/Latinx/Hispanic community, 33 leadership, 25, 72, 156, 167, 184, 207 learning. See also policy failure double-loop learning, 19-20, 163 government learning, 76-80, 137, 149-150, 163, 179, 199 instrumental learning, 141, 149, 165 lesson drawing, 19-20 organizational learning, 149 policy learning, 4, 20, 24, 75, 155, 164, 171, 175-177, 189 policy-oriented learning, 20, 163 political learning, 165, 177 single-loop learning, 19-20, 163 social learning, 20, 76, 101, 149, 164-165 social policy learning, 20 legislation, 13-14, 183, 190, 203 livelihoods, 7, 9, 47-48, 156 local government. See also mayors autonomy, 4, 25, 62, 141, 168-170, 174, 179-180 council or commission, 95, 134-135, 194 county, 29, 39-40, 43-44, 55, 70, 159 local officials councilors, 103

## CAMBRIDGE

Cambridge University Press & Assessment 978-1-009-05437-9 — Community Disaster Recovery Deserai A. Crow, Elizabeth A. Albright Index More Information

### Index

mayors, 103, 105-106, 111, 143, 172, 182, 192-194 staff, 62, 64, 72-73, 92, 96-97, 105, 120, 172, 193, 209 Longmont damages, 60 learning, 149 policy change, 66-71 resilience, 71, 160 resources, 63, 66, 73 Loveland damages, 40, 55 learning, 80, 150 policy change, 66 resilience, 160 resources, 66, 73, 150 Lyons damages, 53-54, 56-60, 65, 69, 73, 80, 97, 122, 161 learning, 80, 115, 122, 137 policy change, 76, 122, 135, 161 resilience, 135, 160 resources, 64, 73, 142 maps floodplain, 74, 95, 122, 190 GIS, 167 hazard, 210 media newspaper, 95, 103, 121 social media, 101, 103, 121

- migration, 9, 28
- Mississippi River, 8, 11, 192

Netherlands, 191 nongovernmental organizations (NGOs), 8, 13, 53, 71-72, 101, 131, 164, 166-167, 184, 209-210

oil and gas, 33, 88, 181 outreach, 159, 209

Paradise Long-term Community Recovery Plan, 201 parks and open space, 31, 66-68, 104-105, 109, 122, 131, 134-135, See also damages redesign, 77 participatory processes. See also

stakeholders, See also information

dissemination, See also disaster recovery planning process collaborative governance process, 171 neighborhood meetings, 121, 130, 2.09 public engagement, 74, 101, 110, 119-120, 126, 165, 172-173, 203 public hearings, 102 public meetings, 101-102, 119, 171 task force, 80, 121-125, 133-134, 137 participatory processess collaborative governance process, 128-131 policy change. See also reimbursement emergency warning, 35 financial policies, 77, 145, 163 floodplain, 66, 74, 109, 135, 172 housing, 70-71, 185 infrastructure, 66, 70, 77 parks, 66, 109 personnel, 35, 72, 77, 208 procurement, 48, 63, 68, 75-76, 142-143, 208 policy change (defined), 75 policy failures, 14, 23, 72, 76, 164, 182, 196, 201 policy subsystem. See disaster policy subsystem population, 9, 15, 17, 29-34, 63, 91, 97, 175, 181, 185, 188-189, 200 poverty, 181-182 power (political), 25, 130, 133, 141, 207 preparedness. See disaster cycle private sector, 42, 166, 210 privatization, 184, 186 property, 1, 7, 12, 90, 93, 110, 143, 156, 160, 168, 172, 197-198 public protest, 192 Punctuated Equilibrium Theory (PET), 48 race, 9, 11, 33, 182, 185-186, 236 recreation, 1, 29, 33, 53, 57-60, 69 reimbursement, 15, 48, 63, 68-70, 76, 141, 144, 149, 165–166, 169, 202 resilience

community resilience, 23-24, 36, 42-44, 135, 161, 208

#### 269

Cambridge University Press & Assessment 978-1-009-05437-9 — Community Disaster Recovery Deserai A. Crow , Elizabeth A. Albright Index More Information

#### 270

Index

resilience (cont.) ecological resilience, 160 fiscal resilience, 160 infrastructure resilience, 23, 44, 160, 2.08 resilience-building, 5, 23-25, 44, 49, 61, 70-72, 103, 180, 206 social-ecological resilience, 23 resource mobilization, 48-49, 53, 76, 167, 185 resources administrative, 25, 66, 159, 166-167 budget reserves, 49, 209 civic, 66, 159, 166 external, 2-3, 25, 49, 61-62, 66-69, 75, 143, 145, 159, 161, 164, 166-167, 174, 182-183, 185, 192, 195, 203 financial, 25, 48-49, 61, 64-66, 69, 76, 142, 160, 166, 182, 187, 210 human, 64, 73, 80, 164 internal, 2, 25, 62, 66, 75, 141-142, 167, 169, 174, 182 technical, 25, 48-49, 64-66, 160, 166-167, 182, 210 response. See disaster cycle risk future, 4, 7-8, 16-18, 23, 90, 93, 100, 106, 109, 187, 198-199 perceptions, 4, 18, 84-86, 91, 100, 105-106, 109-110, 175, 186-189, 196-200, 204, 210 reduction, 15, 17, 23, 75, 130, 149, 199-200, 210 security, 91, 182, 188 social capital, 26, 74, 87-98, 104, 116, 128, 130, 208 St. Vrain River, 33, 121 Stafford Act, 13-15, 62, 68, 140, 168, 182 stakeholders external, 72, 115-116, 149, 173 internal, 64, 74, 96, 103, 119, 149, 161, 174, 177, 180, 209 State of Colorado Colorado Resiliency Office (CRO),

Department of Local Affairs (DOLA), 42, 71 Department of Natural Resources (DNR), 143 Department of Transportation (CDOT), 40, 52, 55 General Assembly, 42, 148 Governor, 37, 42, 148 National Guard, 39-40 Taxpayer Bill of Rights amendment (TABOR), 63, 169 taxes and fees, 66, 169 technology, 1, 17, 29, 193, 205 Tisza River, 191–196 tourism, 34, 51-52, 54, 60, 96, 181 transparency, 105, 122, 195 trauma, 11, 27, 97, 120, 189 trust in local officials, 74, 84, 86, 94, 101-106, 110-111, 119, 150, 171-172, 187, 198 in nongovernmental officials, 104 in other community members, 74, 104, 131, 198 urbanization, 15 variation, 3, 92, 137, 167, 180 vulnerability, 7, 15-16, 18, 25, 91, 93, 156, 163, 182, 185, 188 wealth, 16, 185-188 wildfires California, 196, 199-200, 203-204 Califronia, 181 Camp Fire, 200, 203 Colorado, 27, 34, 42, 70, 148, 197 Marble Cone, 200 Paradise, California, 203-204 risk perceptions, 197-198, 200, 204 worldviews deep core beliefs, 87-98, 176 ideology, 88, 111, 129, 197 new ecological paradigm, 90

42, 148