Index

1931 Yangtze river floods, 9 2004 Indian Ocean tsunami, 7–8 2005 Hurricane Katrina, 302–03, 308	archives, 45n166, 303 Bihar State Archives (BSA), 23 government, 20, 26
administration of aid and relief, 17,	National Archives of India (NAI), 23 Swiss, 23
58–60, 70, 81, 125–32, 178, 198,	Arnold, David, 12, 16
226, 231	Arya Pratinidhi Sabha, 116
aeroplanes, 56–58, 60–62, 73, 80	Asbestos Cement Ltd., 279
Aghore Nari Samiti (Women	Associated Press of India (API), 24, 170
Association), 175	(), - 1, -1
Ahmedabad, 126–27	Bagmati (river), 66, 210
Ahuja, Ravi, 16, 193	Banaras Hindu University, 111
aid networks, 155	Bankoff, Greg, 9, 12
international, 155	Beck, Ulrich, 8, 53, 80
local, 111, 113-18, 126, 136, 155	Behar Relief Day, 175
aid priorities, 125–32	Bekapur (Monghyr), 251–55, 269,
Akhil Bhartiya Goshala Sammelan	271–73, 276–78, 281–84, 297n152
(All India Cow Shelter	Belan bazaar (Monghyr), 277
Conference), 70	Bengal Chamber of Commerce, 156, 166
Akhil Bharatiya Seva Samiti	Benthall, Sir Edward, 156
(All-India Service Committee/	Bettiah estate, 54, 58–61, 73, 209, 266
Society), 111	house-building loan, 238n101
Allahabad, 59, 64, 90n116, 111	Bettiah Raj, 204, 218
Allport, Gordon, 4	Bhaduri, Satinath, 215
Andrews, Charles Freer, 112, 126	Bhagalpur Marwari Sudhar Samiti, 115
anthropomorphism, 118-24, 309	Bhārat Mātā, 122, 149n171
Anthropocene, 6	Bharat Sewak Sangh, 110–11
Archer, William Georg, 102	Bhatta, Braja Bandhu, 14–15

Bihar	Bombay Provincial Congress Committee,
north, 1, 4–5, 26n1, 28n12, 53–62,	104
64, 66, 76, 78, 80, 101, 110, 115–16,	Borland, Janet, 9
128, 145 <i>n</i> 117, 148 <i>n</i> 150, 161, 163,	Borst, Arno, 5
173, 190 <i>n</i> 162, 199, 202, 206, 208,	Bose, Subhas Chandra, 111, 144n99
241n132, 257, 259, 276, 312	Brelvi, Syed Abdullah, 121, 124
south, 1, 54, 62, 267	Brennan, Lance, 16
Bihar Central Relief Committee (BCRC),	Brett, William Bailie, 43–44n155
25–26, 51, 58, 68, 70, 76, 78, 80,	bridges, 20, 57, 64, 88n87, 261–63, 265–67
97–119, 121–23, 125–36, 156, 163,	British Library (BL), 23
165, 167, 175, 207–08, 213, 215,	British Red Cross Society, 73
217–19, 221, 276, 280, 305–09, 312	Bruce, Harold Easton, 262
Head Office (Exhibition Road, Patna),	Bur Gandak (river), 66
25–26, 58, 68, 70, 76, 78, 80, 97–19,	burial/buried, 50, 60, 72, 78, 150n180,
121–23, 125–36, 156, 163, 175,	254, 265
207–08, 213, 215, 217–19, 221,	Burma, 127
276, 280, 305–09, 312	
Bihar Kisan Sabha, 107	Calcutta, 25–26, 48n190, 54, 56–61,
Bihar and Orissa (B&O), 19, 21–23,	72, 74, 76–77, 81, 82n15, 86n70,
50, 73–74, 77, 103, 111, 131, 155,	90n116, 110-11, 113-17, 126,
157-63, 170-71, 196-97, 229, 263,	131-32, 137, 139n22, 140n53,
277, 296	143n89, 145n115, n117, 147n134,
formed province from 1912 to 1936,	154n233, 155-57, 164-67, 171-77,
33n47	180n31, 184n73, 213-14, 240n130,
Bihar and Orissa Natural Calamities	254, 263, 266, 273, 276–77, 309
Loans Act, 1934, 209-10, 227-29	Captain Barnard's Air Circus, 57–58, 60,
Bihar Provincial Famine Relief Fund, 161,	62–63, 95 <i>n</i> 187
196	Cement Marketing Company of India
Bihar State Disaster Management	Ltd, 172, 189n151, 257
Authority, 314	Cérésole, Pierre, 23, 47n187, 218–19,
Birla, Braj Mohan, 114	243n160, 244n172
Birla, G. D., 114	Champaran, 1, 28n12, 54, 57, 59-60, 72,
Birla, Ritu, 114	77, 88n91, 92n139, 107, 129, 134,
Blaut, James Morris, 13, 40n112	139n23, 142n72, 151n197, 199-200,
bodies, 67–68, 70–71, 78, 95n190, 121,	202, 204, 218, 228, 233n20, 238n97,
150n180, 302-03	n101, 240n127, 241n139, 243n142,
Boltanski, Luc, 169, 174, 190n158	266–67
Bombay, 16, 85n56, 87n79, 104, 107,	agricultural wages in, 89n109
120–21, 126–27, 132, 136–37,	corruption in, 133
146n128, 152n208, 162, 172, 250,	grants distributed to, 226–27
259	movement (1917–18), 101

China, 9 Chota Nagpur, 54, 57, 235n43, 263 Chowk bazaar (Monghyr), 78–79, 95n193, 251–52, 254, 262, 267–72, 275, 277, 281–86, 297n151 Civil Disobedience movement, 46n174, 102, 105–07, 132, 139n23 Clancey, Gregory, 8–9 climate change, 5–6 colonial governance, 303 disasters, 97	mortar, 147n142, 206–08, 257 mud, 147n142, 207, 215, 257, 277 reinforced concrete, 257 steel, 263 constructionist approaches to disaster and nature, 6, 8, 11 coolies, 67, 69–70, 89n108, 203, 218, 271 corruption, 100, 311 aid, 132–35 relief, 133, 227
governance, 52	D'Souza, Rohan, 15
communal, 118, 175, 274	damages, 1, 4, 10, 14, 17, 21–22, 27n10,
belonging, 117, 174, 227	32n39, 53, 55-56, 64-67, 71, 78,
politics, 117	82n6, 91n125, 101-02, 105, 118,
tensions, 117	128, 151 <i>n</i> 197, 161, 164, 171–73, 192,
communal relief	194, 200-02, 206-09, 213-15, 222,
Bengali, 118	231, 255, 257–58, 260–62, 266–67,
Hindu, 110, 112, 117	271, 276, 304, 313
Marwari, 117, 175	land, 23, 45n166, 60, 62, 72
Muslim, 117, 275	rural, 193–98, 216, 229
communication, 19, 32n39, 57, 59, 68, 71,	to buildings, 49, 56–57, 59, 61, 70
76, 99, 223, 250, 254, 266, 268, 272,	seismic, 234n30
286, 303–04	urban, 208, 229
disrupted, 49–53, 69, 305	Dang, Kokila, 17, 98, 160
effect of earthquake in modes of, 54,	Darbhanga, 1, 28n12, 50, 53-54,
56, 60–62, 66	60–61, 66, 68, 70, 73–74, 76–77, 79,
panic, 79–81	91n123, 92n139, 114, 116, 128–29,
rumour's role in, 32n43	151n197, 200, 205, 222, 224–28,
subaltern, 5	232n13, 242n153, 242n157, 248,
construction material, 208, 216, 220, 249,	254–55, 258, 260–62, 266–67,
263	271–76, 280, 294n108
asbestos cement sheets, 276, 279	1906 famine, 160
bricks, 79, 116, 118, 147n142, 198,	Darbhanga Improvement Trust, 23,
205–08, 214–16, 220, 243 <i>n</i> 166, 252,	45n166, 272, 274
256–57, 260, 264, 274–77	Darbhanga Raj, 18, 23, 25, 45n165, 59,
grass, 116, 147n142, 207, 215–16, 273,	61, 70–72, 107, 133, 209–10, 217,
276–77	238n102, 272, 280, 305
iron sheets, 276	death toll, 94n169, 94n170
jute, 115	population, 83 <i>n</i> 28, 237 <i>n</i> 90
lime, 147n142, 206–07	rumours in, 32n39

Darjeeling, 31n35, 59, 257	research on, 98–99
Dasgupta, Satish Chandra, 78, 111	response, 83n25
Dawood, Adamji (Adamjee) Haji, 116,	slow emergence of, 53–62
147n140	small, 7
Dayal, Devi, 262, 293n90	District Boards, 64, 73, 88n87,
death, 27n9, 29n16, 57, 59, 68, 70, 72,	92n139, 159, 198, 265–66,
90n114, 94n166, n172, n174, 107,	299n190
114, 150n180, 169, 172, 214, 252,	doctors, 70-73, 76, 91n123, 101, 203
254-55, 258, 289n34, 302-03	drainages, 128, 250, 259, 263, 283,
causes of, 4, 68, 285	294n104
data, 4, 26, 51, 80	Dumka, 67
martyrs, 69	Dutt, Palin (Pulin) Bihari, 123–24
numbers, 1, 27n8, 28n15, 53, 56,	
66-67, 72, 76-79, 91n125, 94n167,	earthquakes
n169, n170, n172, 95n184, n189, 115,	1891 The Great Nobi earthquake,
270, 314	198
Desh Sevika Sangh, 126	1897 Assam earthquake, 217, 256
destruction in bazaars [locations:	1905 Kangra earthquake, 157, 173,
Darbhanga, Monghyr, Muzaffarpur],	190n162, 256
59, 66–67, 78–79, 94n174, 248,	1950 Assam earthquake, 17, 309
252–53, 255, 257, 260, 280	1935 Quetta earthquake, 13, 17,
Devastated Bihar (publications), 25, 51, 78,	88n98, 98-99, 103-04, 117,
109, 118–24, 207–08	157, 167, 182n48, 255-56, 290n42,
Diamond, Jared, 8	306
disasters, 3, 7-10, 52-53, 77, 79-81, 97,	1988 Udaypur (Udaipur) earthquake,
105, 107, 118, 122–23, 135, 137, 156,	1, 29n15
159–60, 164, 167, 177, 194, 197,	1989 Loma Prieta earthquake, 271
207, 217, 224, 230–31, 248–49, 287,	1995 Kobe earthquake, 145n116
302-09	2001 Bhuj (Gujarat) earthquake, 7–8
damage of sudden, 49	2015 Gorkha earthquake, 1, 314
definition of, 10, 39n90	boom, 282
effects, 6, 102, 192, 199, 230, 310-15	Himalayan, 2
environmental, 6	historical, 1–3
framing for local audiences, 169–76	Gandhi's view of, 3–4
and heritage conservation, 39n88	railway lines affected by earthquake, 65
in history, 1, 5, 8–9, 18–20	South Asian, 3, 5
hybrid or man-made, 5–6	twentieth century, 17
mega, 8	East India Jute Association, 156, 175
myths, 51	East Indian Railway Company, 251
as opportunity to reorder society, 7	emergency relief, 26, 72–73, 80–81, 111,
post-scenario, 282	159, 164, 303–05

engineers, 57, 248, 251, 255, 258, 261–67, 285–86, 292 <i>n</i> 87, 294 <i>n</i> 108, 313–14 drainage, 259	Gandhi, Mohandas Karamchand, 3–4, 101–02, 104–05, 108, 112, 125–26, 131, 134, 139 <i>n</i> 23, 165, 277
Embankment Engineer, 263	Ganges, 1, 5, 26n1, 28n12, 53-57, 62, 66,
relief, 21	257–58, 267, 276, 317 <i>n</i> 29
town, 268, 278	Geddes, Patrick, 263
environmental history, 5, 11	gender/gendered, 6
Epidemic Relief Fund, 73	and aid, 175
eurocentrism, 13	geography, 309
faminas 5 0 11 15 20,02 40,107	vulnerability to disasters, 79 Geological Survey of India (GSI), 2, 22,
famines, 5, 9, 11–15, 39 <i>n</i> 93, 40 <i>n</i> 107, 42 <i>n</i> 136,129, 137, 182 <i>n</i> 48, 230, 307,	28 <i>n</i> 12,45, 55, 58, 62–65, 76, 197,
310–13	199, 206–07, 256–59, 261, 286, 314
Bengal Famine of 1943–44, 11, 111	Giroux, Henry A., 302–03
Bengal Famine Manual, 1941, 193	global environmental history, 5
causes of, 11	Golghar (Patna), 257,
depictions, 122	Gooptu, Nandini, 249, 274, 285
feminization of, 118	Gorgé, Camille, 168, 187n117
governance of, 16	governance, 20, 51–53, 80, 97–98, 250,
Indian Famine Codes, 16	303, 307–08, 313
Indian famine policy, 16, 42n136	disaster, 5, 7–11, 14–17, 99–100
famine relief, 17, 110, 137n4, 143n87, n90,	good, 135
193, 196, 229	parallelism in, 98, 100, 306
by colonial state, 192	of public good, 157–61
continuity, 16	Guha, Ramachandra, 11
historical, 16	Guha, Ranajit, 5
Festinger, Leon, 4–5, 32n36, n40	Gujarat, 116, 126–27, 143n83
fissures, 91n125	Guyot-Réchard, Bérénice, 17–18
images, 63–64	
phenomenon, 57, 62	Hall-Matthews, David, 16
floods, India, 5, 11, 14-15, 17, 24, 41n127,	Hart, Bernard, 4
54, 61–62, 101, 104, 108, 111,	Hathwa estate, 59
116–17, 121, 133–34, 137, 139 <i>n</i> 22,	Henningham, Stephen, 18, 46n174, 274
143n90, 194–97, 199, 214, 217, 219,	Himmatsinka (Himmatsingka), Prabhu
223, 230, 233 <i>n</i> 22, 263, 266, 310, 312	Dayal, 114
Frömming, Urte Undine, 3	Hindu Mahasabha, 110
	Hindu Sabhas
Gadgil, Madhav, 11	Bengal or Bengal Provincial, 110,
Gandak (river), 5	143 <i>n</i> 89, 186 <i>n</i> 105
Gandhi Seva Sangh, 98	Bihar Provincial, 91n119
Gandhi Seva Sena, 126	historical disasters research, 8–9, 19, 315

historical seismology, 1–2	Indian Earthquake Relief Fund (Great
Hoffman, Susanna M., 7, 303	Britain), 126
Horniman, B. G., 120-21, 124	Indian Famine Charitable Relief Fund,
hospitals, 67, 71, 74, 91n125, 103, 159,	157, 178
264, 272	Indian Medical Association (IMA), 74,
Darbhanga Raj, 72	76, 92n144, n146, 111, 186n105,
General, 53, 72	305
Patna, 101, 257	Indian National Congress (INC), 17, 25,
Sadr, 72	46n174, 97–108, 111, 113–15, 122,
houses, 1, 54, 59, 61–62, 72, 78–79, 117,	126, 133, 135, 153n226, 215, 218,
125, 128, 130, 133–35, 159–61, 167,	306
175, 193–94, 196, 202–04, 209,	Indian Red Cross Society, 26, 60, 71,
211–17, 219, 222–26, 230, 237n79,	76–77, 81, 111, 168–69, 186n105,
n90, 239n104, 243n165, n166,	187n117, n121, 305, 308
245n193, 246n203, 251, 255–56,	Indian Red Cross, Bihar and Orissa
259–62, 269–72, 274–75, 277,	Branch, 26, 73–75
281–83, 286, 289 <i>n</i> 34, 311, 313–14	infrastructure, 1, 9, 16, 18, 23, 49, 52–54,
-building loans or grants, 228, 231,	56, 64, 80–81, 97, 99, 125, 137,
238n101, 239n113, 276	160, 230, 249, 251, 254, 261, 263,
cheaper, 285	265–67, 271, 286, 304–06, 308,
durable, 220	310–12
kuccha, 116-17, 147n142, 206-07,	international relief organisations, 23-24,
220-21, 256-57, 272, 288n18	112, 125, 156–57, 161, 164–65,
middle class, 205	167–69, 177, 218, 307–08, 312,
pucca, 116, 147n142, 206-08, 216, 221,	315
229, 251, 256–57, 259, 272, 288 <i>n</i> 18	International Relief Union (IRU),
rural, 205, 208, 210, 225–26	156, 167–69, 177, 187n117, n121,
urban, 208, 210, 227, 245n193	188n122, 308
Hutchinson, John, 161, 164, 167, 169,	International Voluntary Society for Peace
187n119	(I.V.S.P.), 244n172
	isoseismal map, 2, 28n12, 54-55, 62, 65,
Imperial Tobacco Company, 67	207
improvements, 107, 132, 199, 248–51,	
260, 263, 269–70, 273–75, 285–86,	Jamalpur, 26n1, 56, 59, 66-67, 70,
302, 309–10, 314	78–79, 94n174, 110, 206, 212,
agricultural, 12, 14	250-51, 254
discourses of, 7, 252–58	Jamui, 67
in urban reconstruction, 9, 261, 268,	Japan, 9, 198, 249, 308
313	Kanto earthquake in 1923, 69, 164,
Indian Air Survey and Transport	173
Company, 60	Jhajha, 67
= :	

Joint Flood Committee (JFC), 218-21, 144*n*91, 184*n*73, 186*n*105, 207–08, 213, 277, 311 Jones, Eric Lionel, 13 Marwari Sahayak Samiti (Ranchi), 115, 145n115 Kanoria, Jwala Prasad, 48n190, 114, Mayor of Calcutta, 131, 156, 164-67, 238 173-76, 180n31, 184n73, 240n130, Kanpur, 117 276-77, 309 Katki bazaar (Darbhanga), 271-73, 275 Memon Relief Society, 111, 116–17, Katra, 116, 195, 232n13 147n140 khas mahal, 268, 272-73, 278, 281-84, Midnapore, 111, 143n90 286-87, 297n153, 301n210 military, 50, 52, 66-69, 88n98, 107, 249, Khemka, Sita Ram, 277, 299n190 255, 308 Kidambi, Prashant, 250, Mitchell, James K., 8 Kingsbury, Benjamin, 15 Monghyr, 1, 4, 26n1, 50, 59, 62, 81, Kisan sabhas, 106-07 90n114, n116, 91n123, 92n139, Kosi (river), 5, 54, 195 94n169, n174, 95n189, n190, 115, Kumarappa, J. C., 125, 134 129, 206, 225, 228, 237n79, n139, Kuracina, William F., 17-18, 98-99 250-55, 257-58, 275-80, 284-86 Kushtia Marwari Seva Samiti, 146n128 arrival of military in, 68 bazaars in, 67, 252–53, 260–62, 268-72, 286 landfill, 271-72 landlords, 107, 200, 215, 224, 267-68 deaths in, 94n169, 95n189, n190 League of Nations, 167 despatch of medical relief, 66 Lemuria, 3 destruction in, 53-56, 67, 70, 151n197, London, 170, 172-73, 292n87 171, 208 Great Fire of London in 1666, 248 discrepancy in recorded deaths, 76–79 Mayor of London, 157, 164-65, 171, Monghyr Muslim camp by 174, 178 Vivekananda Mission, 148n148 Round Table Conference, 102 monitoring of engineers work, 294n108 Maharajadhiraja Kameshwar Singh rebuilding phase from 1934 to 1937, Kalyani Foundation (MKSKF), 23 Mansion House Fund (Lord Mayor of reconstruction in, 248, 251 London's Fund), 155-56, 164-65, re-establishment of telegraph lines 167-71, 175, 307 between Patna and, 61 relief work in, 72-75, 110, 114, 128, Marwari Panchayat Seva Samiti (Darbhanga, Samastipur), 116, 148n148, 214 147n139request of medical supply by civil Marwari Seva Samiti, 146n128 surgeon, 71-72 Marwari Relief Society, 26, 48n190, shopping area of Raja Bazaar, 251 69-70, 110-11, 113-17, 126, 136, urban population, 238n90

wells and tanks damaged or destroyed in, 151 <i>n</i> 197 Moore, William Arthur, 156 Motihari, 50, 54, 56–58, 60–62, 64, 66, 70, 72–73, 76, 79, 83 <i>n</i> 28, 88 <i>n</i> 91, 101, 116, 162, 213–14, 216, 241 <i>n</i> 142 house-building loans in, 238 <i>n</i> 101 monitoring of engineers' work, 294 <i>n</i> 108 Mt Everest, 1 Mukherjee, S. N., 18, 49 Mukherjee, Upamanyu Pablo, 12, 52 Muzaffarpur, 1, 28 <i>n</i> 12, 50, 53, 56–61, 66–71, 73–79, 83 <i>n</i> 28, 84 <i>n</i> 51, 86 <i>n</i> 71,	Bande Mataram, 68–69, 149n171 Behar or Bihar Herald, 25, 47n179, 51 Forward, 24 Harijan, 24 The Leader, 24 The Indian Nation, 24–25, 110, 133, 280 The Searchlight, 24–25, 102, 105, 131–32, 274, 280, The Statesman, 24, 51, 58–59, 78, 102, 118, 156, 163, 171–73, 176 Nixon, Rob, 6 non-cooperation movements (1919 and 1935), 24
110, 114–18, 128–31, 133–34, 196,	Nunn, A. H., 262, 293n89
198–200, 204, 208, 214–15,	
218–20, 223–28, 248, 256–58,	Olai (Aurai, Awrai or Orai), 116
260–62, 266–67, 272, 276–77, 285	Orientalism, 12
bazaars, 79	Orissa Provincial Famine Relief Fund,
deaths in, 69, 76–77, 94n169	161, 196
destruction in, 54, 58, 64	Ormerod, H. E., 171–72, 189n149,
inhabited towns in, 207	278-79
relief centres and work in, 71, 114–16	orphans/orphanage, 117, 148n150
reopening of telegraph lines, 61	Oswal Earthquake Relief Fund, 115, 147n134
Naidu, Sarojini, 122–23, 126	Oswal Marwaris, 115
national relief, 98, 108-13, 126, 135-37	Oswal Navyuvak Samity (Calcutta,
nationalism, 17, 98–99, 135, 138n4,	Assam), 115
149n162	Oval Market (Darbhanga), 270–72,
and gender, 309	275
natural disaster, 9–10, 19–20, 35 <i>n</i> 56,	D 41 4 7 450 400 04
36 <i>n</i> 59 <i>,</i> 39 <i>n</i> 88 <i>,</i> 97–98 <i>,</i> 103 <i>,</i> 193 <i>,</i>	Parson, Alan A. L., 158, 180n21
219, 230, 306, 309, 313 discursive, 8	Patna, 4, 21–22, 25, 26n1, 32n35, n39, 43n151, 50, 53–61, 64, 66, 70–75,
definitions of, 5–6	101, 105, 125, 129, 133, 175, 181n35,
in South Asian history, 10–18	199, 208, 223–26, 228, 250, 257,
natural hazard, 6, 10, 303	261, 264–65, 280
Nehru, Jawaharlal, 70, 77–78, 125	news, 24
newspapers	newspaper in circulation in 1934,
Amrita Bazar Patrika (ABP), 24–25, 51,	47n179
69, 77, 101, 105, 117–18, 163–64, 166	Patna City Municipality, 260

Patna Medical Association, 74	Ram Chandra, Rai Sahib Pandit, 262,
Patna Science College, 197	293 <i>n</i> 90
peasant, 62, 107, 121, 126, 128, 136,	Ramakrishna Mission Association, 26,
197–98, 205, 216, 218, 221, 224,	48n189, 110, 143n90, 167, 186n104,
230, 233 <i>n</i> 20	n105, 214, 299n181
Committees, 106	Ramaswamy, Sumathi, 3, 122, 149n171
landless, 231n8	Ramlila maidan (Monghyr), 277–78,
middle, 106	280-81, 300 <i>n</i> 192
politics, 219	Rampurhari, 116
taccavi loans recovery from, 232n20	reconstruction, 7, 10, 21-23, 26, 82n6,
unrest, 18	97, 113, 117–18, 125, 128, 130–31,
permanent buildings, 130, 251, 261	134, 156, 158, 167, 169, 171, 178,
Pfister, Christian, 8	193–94, 198, 204, 206–07, 217,
planters, 78, 101, 173, 202-04, 206,	219, 221, 224, 229, 242n153, 248,
216–17, 221, 312	250-51, 254-61, 263-68, 272,
police, 50–51, 56, 66–69, 71–72, 78,	282, 284, 286-87, 287n2, 295n127,
80-81, 88n91, 104-07, 125, 133,	297n149, 302, 310-14
158, 163, 204, 223, 227, 262, 278,	of bazaars, 79
304-05	of cow shelters, 70
politicisation of aid, 98	earthquake-safety, 18, 20
politicisation of disaster/earthquakes,	logistics, 266
97–98	of private property, 159–60, 209–14,
Postman, Joseph, 4	275
Prasad, Jamuna, 4, 31n30	rural, 24, 161, 163, 215
Prasad, Rajendra, 25–26, 46n174, n178,	urban, 9, 159, 249, 285
69, 77, 97, 101–02, 107–08, 121,	of urban private property, 208
123, 126, 131, 134–35, 305	Reconstruction Department (RD), 21, 23,
property, 14, 49, 102, 128, 193, 215, 217,	50, 231, 264, 304
229–30, 258–59, 270, 277, 281–83,	Earthquake Branch, 21, 304
285, 311–12, 314	relief associations, 16, 81, 98–99, 110,
definitions of, 203-09	117, 131, 136, 155, 229
government, 261	relief centres, government and by
private, 130, 159–60, 207–14, 224, 257,	associations and organisations, 24,
260–61, 264, 272, 275	67, 74, 93n153, 114–16, 125,
urban, 194	212–14
Provincial Congress Committee, 70,	relief collections, 20, 103
104	art and dance, 175
Public Works Department (PWD), 15,	Europeans, 156
23, 265–66, 292 <i>n</i> 87	Germans, 156
Purabsarai (Monghyr), 270, 276–77,	merchants, 156
296n134, 297n153	official, 24, 193

private and anonymous, 157, 160, 164 public display, 162, 177	religious relief association, 26, 98–99, 110, 117, 131, 136
relief distribution	rent, 14, 45 <i>n</i> 166, 106–07, 199, 202, 204,
labourers, 68, 212, 229, 312	214, 224, 274, 283
middle class relief, 117, 128–30,	no-rent campaign, 108, 142 <i>n</i> 72
134–35, 193–94, 203–06, 208–15,	tenant-at-will paying, 201
224–26, 228–29, 239 <i>n</i> 113	resilience, 6–7, 10, 20, 35n58, 154n242,
peasants, 126	n243, 302, 315
planters, 202, 312	community, 136
relief works, 10, 16-19, 23, 25-26,	responses to disasters, 3, 7, 9-11, 13-15,
64, 66, 80, 98, 100–01, 103–08,	18–22, 24, 49, 51–53, 57, 83 <i>n</i> 25, 98,
110–11, 113–16, 118, 123, 125,	105, 155, 176, 302–06, 310
130–32, 135–37, 167–69, 198–99,	Reuters, 170
213, 218	Revenue Department, 21, 45n166, 60,
rural, 23, 72, 106, 130, 159, 161, 193,	193, 198–200, 230–31, 234n35, 312
196, 198–99, 208, 214–15, 218,	Lands/Revenue Branch (R-LR), 23
223–28, 239n113, 246n203, 312	revenue remission, 14, 16, 157, 198–203
sugar planters, 202, 312	Reynolds, Reginald, 67, 88n98
taccavi, 196, 198–203, 222	risk, 2, 6, 8, 10, 15, 39n88, 53, 61, 80, 133,
Relief Engineer and Supply Officer,	196–97, 248–49, 254, 257, 286, 315,
261–62, 292 <i>n</i> 87	317n29
relief forms	rivers, 15, 41n127, 54, 56, 195, 259,
Acts, 196-97, 209-10, 222, 224,	265–66, 270
227–29, 275	Bagmati, 66, 219
control of charity, 98, 125, 157,	Bur Gandak, 66
176–78	Gandak, 5
flag day, 175–76	Kosi, 5, 54, 195
middle class relief, 117, 128–30,	roads, 14, 16, 32n39, 53-54, 56, 61-62,
134–35, 193–94, 203–06, 208–15,	64, 67–68, 79–80, 88n87, n98, 128,
224–26, 228–29, 239n113	159, 172, 195, 218, 232n13, 248-52,
non-official aid, 110, 130–31	254–55, 258–61, 263–72, 274–75,
private aid, 117, 126, 158	280-81, 283, 285-86, 288n18,
public aid, 157–61	296n134, 312-13
rural, 23, 106, 159	Roy, Tirthankar, 13, 49, 78, 157
urban, 115, 156, 159, 193	rumour, 4–5, 31 <i>n</i> 35, 32 <i>n</i> 37, <i>n</i> 39, <i>n</i> 43, 52,
relief funds, 20, 26, 73, 103, 110, 133,	163, 168
135–37, 158–61, 164, 175–77, 193,	
213, 231, 305–08, 310–12, 314	Saksena, Mohanlal, 70
relief programmes, 74, 98, 100, 106, 108,	sanitation, 66, 71, 250, 254–55, 260, 263,
111–13, 115, 125–32, 136, 215, 219,	268, 313
222, 224–25, 231, 306, 309–10	engineering, 249, 271
222, 221 23, 231, 300, 307 10	g

Sankat Tran Samiti, 111, 144n98	State Bank of India, 166
Sankrityayan, Rahul (Vangmaya, Rahul),	sugar cane, 60, 161, 173, 197, 203, 217
64, 87 <i>n</i> 86	planters, 202, 312
Sappers and Miners, 67, 69, 71	sugar factories, 57, 203, 205
Saran, 59, 94n174, 129, 213, 216-17, 225,	Sursand (Sarsand), 195, 215, 232n13
228	surveys, 21, 200, 230, 233n27, 234n35,
wells and tanks damaged or destroyed	235n43, n44, 277, 312
in, 151 <i>n</i> 197	aerial/aeroplane, 58, 86n71, 232n13
Scott, J. E., 262	agricultural land, 60
seismicity, 9	land, 60, 195-96, 201-02, 222-24,
semi-permanent buildings, 130, 251,	227, 231
261	land damages, 60, 194–98
Sen, Amartya, 11, 33n49	Swami Sahajanand Saraswati, 107–08,
Servants of India Society, 98, 114, 116,	136
146n124, 299n181	Swiss Red Cross, 168
Service Civil International (SCI), 23,	
218–21, 312	Tagore, Rabindranath, 3, 126
Seva Samaj societies, 111	Tallents, P. C., 50
Sharma, Sanjay, 16	Talwar Oldenburg, Veena, 250
Sifton, Lady Harriet May, 73, 75	Tata Iron and Steel Company Ltd., 66,
Sifton, Sir James, 73, 75, 155	263
Simpson, Edward, 8	taxes, 14, 88n87, 105-06, 107, 208, 224,
Singer, Wendy, 18	245n193, 261
Singh, Baba Gurdit, 111	chaukidari, 102
Singh, Maharajadhiraja (often short	Temple, F.C., 261–71, 282, 285, 292n87,
'Maharaja') Kameshwar, 23, 25,	293n98
45n165, 46n174, 59–60, 85n62,	The Agriculturalist's Loans Act, 1884
272–75	(Act XII of 1884), 196
Sinha, Durganand, 31–32n35	The Imperial Agricultural Research
Sinha, Nitin, 250	Institute at Pusa, 57, 257
Sitamarhi, 50, 57, 60, 62–63, 70, 72,	The Land Improvement Act, 1871, 196,
76, 91n125, 196, 200, 214, 232n13,	232n20
266–267	The Mayor's Fund, 156, 164–67, 170,
Societies Registration Act of 1860	175, 178
(Act 21 of 1860), 112	Tierney, Kathleen, 308
South Asian, 24, 249, 315	Tirhut, 53–54, 56–62, 64, 66, 71–72, 74,
earthquake in 1934, 2–3, 5	83n28, 85n63, 95n187, 101, 106-07,
famines, 313	195, 197, 199, 222–24, 226–27,
history, 3, 5, 10–19	239n103, 248, 255, 258-59, 262,
St. John Ambulance Association, 73–74,	275, 277
76	Titanic Relief Fund 1912–59, 164–65

town planning, 9, 20, 23, 248–52, 254, 258–61, 263–64, 267–69, 271–75, 282, 284–87, 298*n*166, 313 transport, 60, 71, 75, 82*n*19, 203, 221, 243*n*166, 249–50, 254, 265–70, 286–87, 304 disruptions, 76, 79 of aid, 62 personnel, 62 system, 14

United States, 9

van Bavel, Bas, 9
Viceroy's Earthquake Relief Fund (VERF),
117–18, 131, 155–74, 177–78,
183*n*59, 184*n*73, *n*78, 188*n*122, 197,
207, 211, 213, 222–23, 229, 231,
272–73, 276, 297*n*151, 307–09, 312
victims/victimization of natural disasters,
20, 52, 69–70, 78–79, 98, 100,

103–04, 136, 164, 169, 171–78, 192–94, 229, 231, 280–81, 302–03, 307, 309–11, 314 Vivekananda Mission, 110, 143*n*87, 148*n*148, 186*n*105 volunteers, 48*n*187, 67–68, 71, 74, 102, 105, 110, 115–16, 125, 133, 137, 157, 215, 218–19, 221, 244*n*171 vulnerability, 6–8, 12, 19–20, 53, 79–80, 194–95, 271, 302, 313, 315

water (wells), 62, 88*n*87, 125–26, 128–29, 150*n*180, 151*n*197, 167, 216–17, 223

Watt, Carey Anthony, 17, 98

wetlands, 271

Williams, Harold Vinith, 262, 293*n*89

Williams, Stewart, 8

zamindars, 106–07, 136, 201, 206, 216–17, 221, 298n164 zirat, 200, 235n48