Reproduced from Transnational Dynamics in Southeast Asia: The Greater Mekong Subregion and Malacca Straits Economic Corridors, edited by Nathalie Fau, Sirivanh Khonthapane and Christian Taillard (Singapore: Institute of Southeast Asian Studies, 2013). This version was obtained electronically direct from the publisher on condition that copyright is not infringed. No part of this publication may be reproduced without the prior permission of the Institute of Southeast Asian Studies. Individual articles are available at http://bookshop.iseas.edu.sg>

INDEX

A	ASEAN. See Association of Southeast
Aceh-Palembang corridor development	Asian Nations (ASEAN)
level, 98	ASEAN-China Free Trade Agreement
ACFTA. See ASEAN-China Free Trade	(ACFTA), 50, 86, 447n3
Agreement (ACFTA)	ASEAN-China railway, 41
ACMECS cooperation programme,	ASEAN Community, 177
354	ASEAN Economic Community
ADB. See Asian Development Bank	(AEC), 177, 182, 266
(ADB)	ASEAN Free Trade Area (AFTA), 177
administrative units, 169n10	281
competition between, 160–62	ASEAN-Japan Comprehensive
AEC. See ASEAN Economic	Economic Partnership, 50
Community (AEC)	ASEAN Single Shipping Market,
Africa	266
energy resources imported from, 204	ASEAN Social-Cultural Community,
reverse order of regionalization, 8	177
AFTA. See ASEAN Free Trade Area	Asia
(AFTA)	crisis of, 26
agri-business boom, transnational	cross-border economic cooperation
networks of, 435–37	zones in, 10–12
agriculture sector	regionalization process of
national strategy to, 400	globalization in, 23
in Northern Lao PDR, 428	reverse order of regionalization, 8
products of Yunnan, 112, 122,	Asian Development Bank (ADB), 4,
137n6	23, 43, 75, 85, 90, 108, 121,
Alor Setar, Malaysia, 333	143, 148, 176–77, 230, 379,
American War, Hmong refugees from,	393, 421
385	central actor in continental section,
Anglo-Oriental Mining Corporation,	488–89
307	corridor development, 187
ANR Transiter Program, 394n1	corridors strategy, implementation
Anuar, Abdul Rahim, 469, 482	of, 339
armed conflict, resumption of, 212	economic corridor concept, 423

IMT-GT growth triangle supported by, 294n4	backward regions, economic
map of corridor network, 234–35	development for, 109 BADP. <i>See</i> Border Areas Development
and national planning, 495–97	Program (BADP)
projects of corridors across Malacca	
Straits, 277, 287	Bandoeng Pool in 1921, prices of tin, 307
proposals for development corridors,	•
12	Bangkok, economic domination, 469–70
transnational dynamics	Bangkok-Kunming Corridor, 93, 460
implemented with, 456	Banjaran Titiawangsa, 253
Asian financial crisis	Baoshan, 134
of 1997–98, 108	barter trade, 73–75, 77
from Thailand to Indonesia, 7–8	
	Batak farmers, migration of, 225
Asia Niaga Barter Trade Jetty	Batam, Indonesia
(Port Klang), 73	archipelago, 241
Asian railway network projects on	free trade area, 225
Myanmar, 204	island, development of, 11
Asian regional integration model, 8	Sumatra Promotion Center in,
Asian stakeholders, 212	239
Asian Transnational Corporations	Batam Industrial Development
(TNCs), 211	Authority (BIDA), 500–1
Association of Southeast Asian	Batu Pahat Container Terminal, 259
Nations (ASEAN), 175, 199,	Batu Pahat port, 73
331–32	Bat Xat district, economic-defence
facilitation of Lao PDR's	zone in, 166
integration, 185–86	Beijing
India and, 494	non-traditional security problems
investors in China, 28	in, 135
membership of, 177	providing subsidies, 112
policy, 336	Belawan port, 96
strengthening/weakening, 491–93	dynamic growth in, 66
asymmetrical port system	international freight in, 77
difficulties with public financing in	Bengkalis port, 73
Indonesia, 66–67	BGF plan. See Border Guard Force
reflection of national territorial	(BGF) plan
construction, 64–66	BIDA. See Batam Industrial
spread of port dynamics, 68–69	Development Authority (BIDA)
unequal impact of ports, 67–68	bilateral border trade payments, 200
attraction of investment, 90	bilateral relations, 111–12
autonomy of border regions, 497-99	bilateral trade, Laos-China, 178
	bi-national insurance scheme, 332
В	blocking process, 332
Bac Duven Hai Industrial Area, 150	Board of Investment (BOI), 357

Boeing 777 aircraft, production and	border management agenda, Lào Cai
assembly plants of, 327	province, 153
Bohai-Yellow corridor zone, 12	border opening policy, 109, 110, 496
BOI. See Board of Investment (BOI)	and cross-border cooperation,
Bokeo province	111–12
Chinese investment in, 429, 430	and developing outlying regions,
transit trade in, 427	112–13
border areas	development of border trade,
inclusion/exclusion of, 274	113–14
twin cities in, 274–77	borders
Border Areas Development Program	closed, 70–71
(BADP), 196	district scale, 323-26
projects, implementation of, 197	enclaves, forms of, 475-76
border cities, Yunnan's, 110	open, 71–72
border trade development and,	regions, autonomy of, 497–99
113–14	trade agreement, 198
economic characteristics of, 133	trade, development of, 113–14
economic vitality, dependent on,	trade point, 496
133–34	uncommon, 162-64
faced with non-traditional security	zones, concentration of mobility in,
issues, 134–35	507–9
GDP of, 132	border trade ports, 115, 116, 136n2
impacts on, 118-32	first-category, 115
on same corridor, 480–82	of Mohan and Daluo, 130-32
border communities of Hekou,	Boten, border enclave at, 475
362–64	Boun Tay district, 403
border crossings	Bouté, Vanina, 496, 501, 502, 507
charges in GMS and IMT-GT	bridgehead strategy, 115, 117–18
corridors, 100-1	bridges
NSEC corridors, 92	construction in Pekanbaru, 291
procedures, standardization and	links Vietnam with China, 150
transparency during, 100	Bru-Vân Kiều, 395n3
Border Economic Cooperation Zone,	"buffer-state" policy, 195
363	"Building a New Socialist
Border-Gate Economic Zone	Countryside" policy, 113, 135,
Management Board, 158, 160	136n4
"border-gate management and	Built-Operate-Transfer (BOT)
control", 150	hydropower agreement, 208
Border Gates Economic Zones	Bukit Kayu Hitam, 327, 470, 471
(BGEZ), 148, 153, 161, 170n19,	logistic assets of, 330
499	quiet lifestyle of, 328
Border Guard Force (BGF) plan,	road transport service, 330
217n4	uneven development of, 328

Bukit Kayu Hitam Industrial Estate, 327	Pekanbaru-Dumai pair in, 477 province of, 294n5
Burmese Communist Party, 112, 445	rural population of, 225
Burmese market, 35	transmigration in, 226
Burmese ports, connecting Yunnan to,	CGGC. See China Gezhouba Group
137n11	Co. (CGGC)
Burmese railway network, 123	Champassak province, 350
business networks, regional, 443	comparison of FDI in, 351
Butterworth port, 302	Charras, Muriel, 495, 500, 509
1	Chengdu-Chongqing urban area, 136
С	Chiang Khong-Huay Xai, 276
Caltex oil company, 226–27, 279	Chiang Rai, Thailand
Dumai-Pekanbaru road, 237	SEZ, 278
Pekanbaru-Duri-Dumai road by,	transnational corridor, 278
281	Chiang Saen port, 31
Cambodia	trade by Mekong River trade route,
cooperation framework, 177	425, 426
and Lao PDR, 26	China, 202–3
and Thailand, cooperation	agreement with Myanmar, 198
agreement signed between, 35	and ASEAN, commercial
Cambodia-Laos-Vietnam (CLV)	transactions between, 491
Development Triangle, 48, 177	ASEAN investors in, 28
Cam Duong urban zone, 151	border problems between Vietnam
cash crops, commercialization of, 436	and, 162–66, 172n42
casino strategy, 444–47	bridge links with Vietnam, 150
CBEZ. See Cross-Border Economic	companies, large-scale logging and
Zone (CBEZ)	mining concessions, 198
CBTA. See Cross-Border Trade	consumer goods, rapidly-expanding
Agreement (CBTA); Cross-Border	range of, 28
Transport Agreement (CBTA)	entrepreneurs in, 425, 435, 441,
ceasefire agreements, Myanmar, 196,	446
209, 212, 213	ethnic armed groups of, 215
Central Sumatra, Indonesia	GMS, border opening policy of,
agriculture in, 225	110–14
colonization and monopolization of	hydropower agreement with, 208
resources by, 224–27	imbalance of commercial relations
direct international flights in/out,	with, 157–59
240, 247n42	impacts on border cities, 118–32
ethnic composition of, 227	and India, 36–37, 44
under New Order, changes in,	integration, 108–9
224–31	investments in North-South
north-south and east-west axes	corridor, 28
structuring, 282–86	linking Hanoi to, 165
	0

markets in, 415	in Northern Lao PDR, 428-31
migration of ethnic minorities from,	in Oudomxay, 429, 430
147, 432	Chinese Kunming-Bangkok railway,
multilateralism as solution,	41–44
166–67	Chinese Kunming-Vientiane-Bangkok
and Myanmar, 112, 214-17, 425	465
national strategies of, 18	Chinese marine incursion, 30
non-traditional security issues in,	Chinese networks
134–35	effects of, 446
partnership in Lao PDR, 31	long-distance trade, 437-41
relations with Vietnam and Lao	role of, 427
PDR, 111	Chinese population in Northern Lao
and Socialist Vietnam, 120	PDR, 432
Thai market to, 31	Chinese railway traffic in Laos, 43
traders in, 439	Chinese traders, 366, 407, 415
trading partner, 491	in Huayxai, 441
and Vietnam, uncommon border,	in Lao PDR, 439, 442
162–64	markets, guesthouses and
China-ASEAN fair, 36	restaurants, 441–43
China-ASEAN Free Trade Agreement	Chin Haw, 431, 447n5
(CAFTA), 108	CHMC. See China National Heavy
China Gezhouba Group Co. (CGGC),	Machinery Corporation
207	(CHMC)
China-Myanmar trade, 425	Choonhavan, Chatichai, 423
China National Heavy Machinery	Christaller and Lösch's central place
Corporation (CHMC), 209	theory, 15
China National Petroleum	Churchill, Winston, 6
Corporation (CNPC), 206	Citra Grand City, 240, 247n45
China Power Investment Corporation	civilization, 388
(CPIC), 216	civil servants, 410, 414
China Southern Power Grid Company,	proportion of, 418n9
207	civil society groups, 213
China-Thailand trade, 425	CLMV countries, GMS influence on,
China Three Gorges Project	136
Corporation, 207	closed borders, 70-71
Chinese Communist Party, 112	closed-door policies, Indonesia, 239
Chinese community, 306	CNPC. See China National Petroleum
in Lao PDR, 431–34	Corporation (CNPC)
transnational actors in, 238	coal power plants, 207–9
Chinese Go West policy, 473	"coastal inland port", 259
Chinese investment	Cold War, 24, 46
in Bokeo provinces, 429, 430	Colin, Sébastien, 322, 472, 481, 491
in Luang Namtha, 429, 430, 435	Colombijn, Freek, 226

colonization, 8	configurations, urban, 274–78
of resources by Central Sumatra,	continental, 272
224–27	defining, 271
commercial banks, Myanmar, 200	development, 234–36
Common Economic Cooperation	economic, 16–18
Zone, 154	in GMS, 492
communication	head nodes of, 271-72
routes in Indonesia, 228	internal migrations linked to
sea line of, 54–55	opening of, 507
Communist Party of Burma (CPB),	maritime. See maritime corridors
194	network of GMS and Malacca
community, Chinese, 306	Straits Region, 18–19
Conference of Montego Bay, 53	new hierarchy of nodes structuring,
constructions	463
cross-border and transnational, 8	North-South corridors, 458-61
Lào Cai, locality under, 144–54	planning, regional organization
Construction, Transport, Post and	linked to, 462–67
Communication (CTPC), 392	Ruth Banomyong, dynamic
container traffic in Port Klang, 60	typology presented by, 457–58
container trans-shipment hub, 62	in Southeast Asia, 275
continental corridors, 272	structure, urban. See urban structure
contraband activity, second zone of, 71	link to corridors
contraband products, types of, 71	transnational, 273
contraband shipping, 70	transport, 12–14
contraband traffic, "trade turntable"	transversal, 272, 461-62
for, 71	urban, 15–16
contract farming in Lao PDR, 436	CPB. See Communist Party of Burma
Cooperative Mechanism, concept of,	(CPB)
57	CPIC. See China Power Investment
corridor-by-corridor approach, 143	Corporation (CPIC)
East-West corridor, 31-33	cross-border constructions, 8
North-South corridor, 28-31	cross-border cooperation
Southern corridor, 34	border opening and, 111-12
corridor development	between Hekou and Lào Cai,
in GMS. See Greater Mekong	118–22
Subregion (GMS)	projects, 12
in IMT-GT. See Indonesia-Malaysia-	zones of, 4, 71–72
Thailand Growth Triangle	cross-border dynamics, 9
(IMT-GT)	cross-border economic development
levels, 91	zones, growth triangles and,
stages of, 90-91	10–18
corridors	Cross-Border Economic Zone
comparison of, 456	(CBEZ), 111

establishment of, 136	border checkpoint in, 323
Sino-Vietnamese, 138n17	institutional framework of, 330-31
and urban development, 121	location of, 331
cross-border free development zones,	with northern Malaysia and
50	southern Thailand, hinterland
cross-border integration processes, 10	linkage of, 332-35
cross-border marriages in Hekou, 372	pair, 469
cross-border migrations, 508	urban dynamism and transnational
in Northern Lao PDR, 432	setting of, 328–32
cross-border networks, 509–10	Danok, urban layout, 329
cross-border territory, 9	data masking, 407–9
cross-border trade, 86, 200, 332	decentralization, incomplete, 159-60
Myanmar, 199	decentralization process, 281–82,
Cross-Border Trade Agreement	295n7
(CBTA), 184	unfinished, 497–99
implementation of, 425	decentralized institutional context to
Cross-Border Transport Agreement	Lào Cai development, 152–54
(CBTA), 92, 100, 492	de facto regionalization, 7–8
cross-border twin cities. See Danok	deforestation, 226
and Bukit Kayu Hitam	de jure regionalization, 7–8
cross-Straits barter trade activities, 74	democratic constitution, Myanmar,
cross-Straits traffic, 72	194
facilitates trade, 73	Democratic Karen Buddhist Army
crude palm oil	(DKBA), 218n16
export in Dumai, 295n15	democratic "rights and privileges", use
Indonesian exporters of, 296n21	of, 194
CTPC. See Construction, Transport,	demographic distribution of
Post and Communication	population, 402
(CTPC)	demographic evolution, Sumatra, 225
customary rules, abolition of, 226	Densavanh, Vietnamese traders in,
customs and immigration, Malaysia,	384
237	developing countries, ports of, 66
customs-authorized port, 259	development corridors, Malaysia, 314
	dissymmetric urban continuum, 328
D	DKBA. See Democratic Karen
Dali (Tali), 115, 117	Buddhist Army (DKBA)
Daluo, China	Dokngiewkham Company, 445
border trade ports of, 130-32	domestic corridors, Malaysia, 97, 99
dependent on economic vitality,	in IMT-GT, 97
133–34	domestic tourism, 313
Danieli & C. Spa, 210	dominant axis of urbanization, 353
Danok and Bukit Kayu Hitam,	dominant urban dynamics linked to
321-22, 326-27	corridors, 469–72

domino effect, 6	East Sumatra frontier, 241-42,
Dongxing-Mong Cai, 122	247n47
"door-to-door" services, 13, 89	East-West corridor, 31-33, 458, 462,
DPCL. See Dublin Port Company	469
Limited (DPCL)	East-West Economic Corridor
dry ports, 14, 267n12, 277–78	(EWEC), 187, 338, 423
construction of, 304, 308	border crossings, 94
economic capacity of, 317	corridor assessment level, 94
establishment of, 318	GMS framework, 380
in Ipoh, 301	national and subregional scale,
in Khon Kaen, 278	341–42
logistic model of, 300	policy driven vs. actual, 95
multiplication of, 69	between southern Laos and central
Dublin Port Company Limited	Vietnam, 381–82
(DPCL), 62	Economic and Social Commission for
Dumai, Indonesia, 73	Asia and the Pacific (ESCAP),
E&E industry in, 235	287
export port in, 288	economic cooperation, new forms of,
industrial zones, 290	71–72
internationalization, 291	economic cooperation zones,
liberalization of trade, 238	229–31
oil port in, 279, 294n6	exchange rules in, 237
oil transport, 229	existence of, 241
Pekanbaru and, paired operating	Economic Corridor Development,
system between, 291–93	policy of, 399
port for crude palm oil export in,	economic corridors, 12, 16–18,
295n15	75–76, 90, 91, 102, 457
port for exporting products, 289	approach, 87
reducing import-export ports, 238	GMS, 26–29, 45
traffic from, 295n16	impact on local communities, 501
Dumai-Melaka corridor, 462	of IMT-GT, 287
Dumai-Melaka paired ports, 287	in Kinta Valley, 316–18
second cross-straits corridor, 483	economic crisis, Malaysia, 301
duty-free transactions, Indonesia, 74	economic-defence zone in Bat Xat
duty-free zones, Malaysia, 68	district, 166
daty free zones, ividiayola, oo	economic development, 90
E	of Malaysia, 299
East Asia	strategy, Sino-Thai, 423
transnational development, 493–95	of Yunnan, 132–33
transnational integration in, 24–27	economic disputes, 55
eastern trans-Sumatran route, 286–87,	economic disputes, 79 economic dynamics, 78, 144
295n11	economic functions, complementarity
construction of 282–83	in 290

economic gateways, for Mukdahan,	EWEC. See East-West Economic
342	Corridor (EWEC)
economic geopolitical transformations,	exported goods, Lào Cai, 157
24	Export-Import Bank (Exim) of
economic growth in Malaysia, 318	Thailand, 48
economic integration, Malaysia, 311	export <i>vs.</i> regional port, Dumai,
economic integration of Lao PDR	288–90
ASEAN facilitation, 185–86	"Eyes in the Sky" (EIS), 57
corridor development, 187	
goals for increasing, 189	F
Northern region development	Farhat, Amel, 469, 478, 482, 495
strategy, 186	FCL. See Full Container Loads (FCL)
opportunities and challenges of, 184	FDI. See foreign direct investment
policy environment for, 182–84	(FDI)
regional integration initiatives,	Federal Movement, 194
176–78	15th ASEAN Summit, 424-25
trade openness, 178–81	Fifteenth Plenum of the Vietnamese
economic marginalization, 70	Workers Party's Central
economic modernization, 313-14	Committee, 390
Economic Quadrangle concept,	fifth five-year plan, Malaysia, 69
422–23, 438	financial resources, Java and Bali, 232
economic reforms in Vietnam, 38	first-category border trade ports, 115
economic sector in Northern Lao	five-year plan, fifth, 69
PDR, 428	flagship project, 283
EGAT. See Electricity Generating	flights by low-cost carriers, 285
Authority of Thailand (EGAT)	focal site (FS) policy, 389, 392
EIS. See "Eyes in the Sky" (EIS)	foreign direct investment (FDI), 178,
electrical networks, GMS, 26-27	346
Electricity Generating Authority of	approvals in Laos, 180–81
Thailand (EGAT), 208	low level of tourism and importance
emergence of regional railway linkage,	of, 350–52
39–44	to Northern Lao PDR, 428
energy development projects, 209	foreign entrepreneurs, low level of
entrepreneurs, Sino-Thai, 28	tourism and importance of,
ESCAP. See Economic and Social	350–52
Commission for Asia and the	foreign involvement in Shan State
Pacific (ESCAP)	territory, 195
ethnic armed groups, China, 215	foreign partner card, 373–74
ethnic communities, Myanmar, 213	foreign trade policy, 400
European symposium, 9	forest resources, exploitation of, 241
European Union, 20	"formal stage agreement", 208
trade agreements of, 6	France, trade partners with Laos, 178
Europe, regional agreements in, 6	Franck, Manuelle, 458, 495

Franco-Thai treaty, 30	GMS ECP. See Greater Mekong
Free Commercial Zone, establishment	Subregion Economic Cooperation
of, 258	Program (GMS ECP)
free port, 62	GMS Flagship, 342
free trade, 7	GMS Migration Policy Briefing,
zone, 62	448n7
Free Trade Agreements (FTAs), 331,	Golden Boten City, 444-45
336	Golden Triangle Special Economic
frontiers	Zone, 428, 444–46
East Sumatra, 241–42, 247n47	Goldwater Resources Ltd., 207
establishment of, 236–37	governance, new tools of, 17
society, 226	governing role of corridor heads, 463
Frost, Ellen L., 493	GPP. See Gross Provincial Product
	(GPP)
FS policy. See focal site (FS) policy	
FTAs. See Free Trade Agreements	"gray zones" function, 71
(FTAs)	Greater Mekong Subregion (GMS),
Fujian province, 133	23, 107, 143, 202, 379, 423
Fu-Khing Industries Hong Kong	architecture for, 44–47
Corporation, 445	central high-speed railway in, 40–41
Full Container Loads (FCL), 68	centre of territorial strategy of,
functional projects, ambitious,	26–27
149–52	Chinese hegemony over Meridian
	corridors, 50–51
G	comparing with Malacca Straits,
gas and oil pipeline development, 206	455–56
gas exports, policy of promoting, 281	as component of border opening
GDP. See Gross Domestic Product	policy, 110–14
(GDP)	continental corridors of, 51
geographical proximity, Philippines, 11	cooperation, 175, 176
Germany trade partners with Laos,	corridor-by-corridor approach
178	focusing on, 27–34
global economy, 54	corridor development, 187
global hub of maritime traffic, 58	corridor, promoting benefits, 423
globalization, 293	corridors, ADB, 338
in Asia, regionalization, 23	corridors/growth triangles,
context of, 8	implementation, 276
process of, 5, 45	East-West corridor, 469
global market, 75	Economic Cooperation, 199
global seaborne trade, 54	EWEC, 94–96, 380
global trade, grave consequences for,	and IMT-GT corridors, 92–99
55	indicative economic efficiency of,
GMS. See Greater Mekong Subregion	99–102
(GMS)	integration of Guangxi, 36–37

involvement of Japan in, 494	Н
Japan's dominance over transversal corridors, 50–51	Haiphong-Kunming corridor, 93, 169n8
Lao PDR at crossroads of, 46–47	Hanergy Holding Group, 207
North-South corridor, 481	Hanoi, Vietnam
NSEC, 92–93	administration, 164
planned corridors of, 272	coastal road and rail corridor, 459
polycentric network of, 466–67	inflation strategy, 162
rail corridors of, 40	linking to China, 165
relationships between nations of, 25	Hat Yai, 333, 334
rivalry between Thailand and	Hat Yai-Penang-Medan corridor,
Vietnam, 48–49	96–97
road corridors of, 36-37	Haw, 431, 439
Thai participation in, 423	traders, 442
transnational dynamics in, 18	Head of Department of Industry and
transnational management in,	Commerce, 441–42, 448n9
489–91	Hekou, China, 370
transport investments, 26	border communities of, 362-64
Yunnan and Guangxi, competition	Chinese migrants in, 366–67
between, 49	communities, 370
Yunnan Province participation	cross-border cooperation with Lào
in. See Yunnan Province	Cai, 118–22
participation in GMS	economic characteristics, 133
Greater Mekong Subregion Economic	inhabitants, 369
Cooperation Program (GMS	marriages in, 372-74
ECP), 192	non-traditional security issues in,
Great Mekong Subregion's economic	134–35
corridor, 363	process of urbanization, 122-23,
"greed"-based motivations, 213	474
green industries, 150, 152	transnational dynamics of, 472
Grillot, Caroline, 509	Hekou-Lào Cai, 276
Gross Domestic Product (GDP), 344	hierarchy of nodes, corridors, 463
in Lào Cai, 155	highlanders, 408
Gross Provincial Product (GPP), 343	high-speed railway network, 40-41
"growth corridors", definition of, 75	highway, 149, 169n7
"growth triangle", 10–12, 72	linking Hanoi to Lào Cai city, 148
SIJORI, 229	hillocks, limestone and granite, 301
Guangdong Province, 133, 136	Himalayan river system, 456
Guangxi, integration of, 36–37	hinterland situation, 302
Guangxi Zhuang Autonomous Region,	Hlaing, Min Aung, 217
107	Hoang Lien Son province, 152
integration of, 108	Ho Chi Minh City-Phnom Penh-
Yunnan threatened by, 135–36	Bangkok corridor, 461

Ho Chi Minh Trail, 386, 389 Hong Kong-Guangdong (HKG),	development of border trade with,
11–12	strategic importance of, 108
Huayxai, Chinese traders in, 441	Indonesia
Hu Jintao, 111, 215	ADB aegis, 231
human rights violations, 211	agriculture in, 225
Hutchison International Terminal group, 60	Asian financial crisis from Thailand to, 7–8
Hutchison Whampoa Group, 60	centralism, 64–65
hydropower	closed-door policies, 239
•	difficulties with public financing in,
agreement with China, 208	-
development of, 428	66–67
generation of, 207–9	economic cooperation zones in, 229–31
I	economic policies in, 281
ICT. See Ipoh Cargo Terminal (ICT)	exporters of crude palm oil, 296n21
IEAT. See Industrial Estate Authority	fishermen, 237
of Thailand (IEAT)	industrialization in, 225
illegal exploitation of natural resources,	international trade between
135	Malaysia and, 254
illegal migration, contraband shipping,	islands, abolition of traditional
70	powers, 224
illegal shipping, principal hubs of, 70	migrations, 510
illegal trade flows, in Northern Lao PDR, 503–4	natural border between Malaysia and, 54
imbalanced commercial relations, with	reducing import-export ports, 238
China, 157–59	territorial waters of, 64
imported goods problem, for Lào Cai, 157	traffic separation scheme for Straits, 55
IMT-GT. See Indonesia-Malaysia-	transmigration programmes, 279
Thailand Growth Triangle (IMT-	transoceanic shipping of, 64
GT)	trilateral agreement, 488
India	Indonesia-Malaysia-Thailand Growth
ASEAN and, 494	Triangle (IMT-GT), 276, 331,
China and, 36–37	334, 335, 336n3
harbour infrastructures in, 234	Aceh-Palembang corridor, 97–99
rail link between Myanmar and,	context of, 277
204	economic corridors of, 287
Silk Road between China and, 44	GMS and, 92–99
Indian railway network, at Likhapani	growth triangle, 294n4
in Assam, 49	Hat Yai-Medan corridor, 96–97
Indo-China, economic zone, 15–16	indicative economic efficiency of,
Indochinese peninsula, 107	99–102

Malaysia's role in, 87	Inter-American Development Bank
Road Map, 87	(IDB), 18
Indonesian ports, 66	intermodal transport, Malaysian
access of foreign ships to, 64	government, 69
awakening of, 61–62	internal border, 387
industrial crisis in Malaysia, 308	internal migrations, linked to opening
Industrial Estate Authority of Thailand	of corridors, 507
(IEAT), 349	internal territorial dynamics, Vietnam
industrial park, Mukdahan, 278	competition between administrative
industrial zones of Dumai, 290	units, 160–62
informal cross-border trade, GMS, 86	incomplete decentralization, 159-60
informal economic activities, 197	International Border Gates, China,
information communication	165
technology (ICT), 177	International Border Gates Economic
infrastructure rehabilitation, Sumatra,	Zones, 148
102	international border, Lao and
inland ports	Vietnam, 390
bordering neighbouring country,	international community, 54, 192
260–61	International Federation of Ship
issues faced by, 261-62	Masters, 57
in Malaysia, 264	international flights in Central
national function, 256-58	Sumatra, 240, 247n42
physical development of, 263	internationalization process, 339, 340
regional functions, 258–60	in Mukdahan and Savannakhet,
and regional integration, 265–66	345–52
virtuous cycle by, 262, 263	international labour division, 72
innovative inter-modal service, 259	International Maritime Centre, 58
in-principle agreement, Japan, 50	international maritime commerce, 65
inshore navigation, security for, 72	international maritime community, 57
institutional development, private	international maritime shipping, 65
actors involvement in, 504	security of, 72
institutional framework, 98	International Mekong Committee, 30
of cross-border twin cities, 330-31	international navigation, benefits of,
institutionalization process, stages of, 5	57
insurgent ethnic armed groups, 213	international shipping, 58, 60
integrated development approach,	operators, 61
389	international trade system, issue of,
integrated logistic transport corridors,	425
14	international traffic, on Mohan-Boten
integration	border, 131
of Guangxi, 36–37	international transit, 72
routes, 18	inter-provincial migration, balance of,
scale of 24_26	404

interscalar modelization of Malaysian- Thailand spatial organization, 322, 323 intra-ASEAN trade, 265, 331, 332 Investment and Trade Facilitation Centre, 153–54 investments attraction of, 90 Chinese. <i>See</i> Chinese investment Lao PDR and China, 428 transport, 26 Ipoh Cargo Terminal (ICT), 255, 258	Palembang and, road between, 236 populations of, 225 river ports, 229 Japan, dominance over transversal corridors, 50–51 Japanese cooperation agency (JICA), 223 Japanese Shipowners' Association, 57 Japan Overseas Development Corporation, 38 Java centralization in, 247n40
as dry port, 309-10	Sumatra's integration with, 459
links with seaports, 310–11 strategic location and organization for, 308–11	trans-island routes, 227–29 JDS for Border Areas. <i>See</i> Joint Development Strategy (JDS) for
Ipoh-Kuala Lumpur pair, 478–80	Border Areas
Ipoh, Malaysia	JICA. See Japanese cooperation agency
development region layout from	(JICA)
1985 to 2000, 315	Jinghong
dry port, 301	non-traditional security issues in,
industrial sector, 306–7	134–35
mines, 305	tourist centre, 126–30
multimodal transport system, 303–4	trading and tourist ports, of Mohan
"pair-city" role of, 319	and Daluo, 130-32
redevelopment of, 305	Jing Hong dam, 30
residential and industrial	Jingpo, 123
development of, 314	Jitra, Malaysia, 325–26
urban development of, 311–15	Johor Port, 68
Irrawaddy-Chao Phraya-Mekong Economic Cooperation Strategy	Joint Development Strategy (JDS) for Border Areas, 330, 492
(ACMECS), 177–78	junta, 192, 196, 215, 217n1
Irrawaddy-Chao Phraya-Mekong Economic Strategy (ACMES),	Jurong Environmental Engineering (JEE), 504
funding scheme of, 471	"just-in-time" production, multimodal
Italian-Thai Power Company, 208	transport corridor, 89
J Jakarta International Container Terminal, 66 Jakarta, outer suburbs of, 225 Jambi firms in, 236	K Kachin Independence Army (KIA), 218n14 Kaladan Multimodal Transit Transport Project, 216 Kayan New Land Party, 195

Kaysone Phomvihane district, 340	spatial organization of, 325
Kedah, state/provincial capitals of, 333	urban development projects of,
Keledang Mountain, 301	325–26
Kepulauan Riau, province of, 295n9	Kuching Port Authority, 260
Keretapi Tanah Melayu, 259	Kunlong Dam, 207
K2 Form in Malaysia, 259	Kunming, 117
Khalid, Nazery, 478	corridor between Bangkok and, 460
Khet Lakô, 388-91	dependent on economic vitality,
Khon Kaen, dry port, 278	134
Khun Sa's Mong Tai Army (MTA),	economic characteristics of, 133
195	National High-Tech Industrial
KIA. See Kachin Independence Army	Development Zone of, 476
(KIA)	non-traditional security problems
Ki-moon, Ban, 213	in, 135
Kinta River, 303, 305	Kunming-Bangkok
Kinta's clusters, layout of, 318	railway project, 41–44
Kinta valley	road corridor, 126
conurbation, 301	Kunming-Baoshan railway, 134
development region, 317	Kunming Changshui International
emergence of economic corridors in,	Airport, 117
316–18	Kunming–Haiphong corridor, 169n8
geographical setting of, 302	economic growth tempered by,
logistics and transportation	155–57
infrastructures of, 319	Lào Cai, 145-49
mono-industrialization of, 307	Kunming-Hanoi transport, 120
natural resources of, 301, 304-5	Kunming-Hekou-Hanoi-Haiphong,
phase of, 301	117
population, 306	Kunming-Hekou railway, 118
regional organization of, 316	Kunming-Jinghong-Vientiane-Bangkok
strategic location of, 301-5	railway, 126
Klang Port, 302	Kunming-Mandalay-Rangoon corridor,
Kota Perdana project, 327	117, 460
KTMB railway network, 318	Kunming-Nanning corridor, 36
Kuala Lumpur International Airport	Kunming-Nanning railway, 138n13
(KLIA), 257	Kunming-Vientiane-Bangkok, 117,
Kuala Lumpur-Ipoh, railway network	131
for, 304	Kyi, Aung San Suu, 213
Kuantan, port of, 65	Kyi, Daw Aung San Suu, 213
Kubang Pasu district, 324	
distribution of activities in, 325	L
Malay population in, 324	Lainé, Elsa, 481, 496
North-South Expressway starting	Lancangjiang River, 108
in. 325	Land allocation programme, 402, 411

land bridges, 13	agricultural policies of, 411
land-funds, 170n24	Boten economic zone in, 135
and permanent competition, 160,	Cambodia and, 26
162	Chinese communities rebirth in,
Land Funds Development	431–34
Organization, 154	Chinese traders in, 439
land pressure, rising prices, 411	contract farming in, 436
Land Titling programme, 413, 417	cross-border exchanges with, 131
land transportation, 302	economic benefits of road, 425
infrastructures, 300	economic integration. See economic
land-use plans, 160	integration of Lao PDR
Lang Son, 121	investments in North-South
Lao Bảo	corridor, 28
market, 382	Myanmar and, 130
SECA, 382, 395n4-395n6	Northern provinces of, 421, 422
traders from, 383	NSEC's challenges for, 422-27
Lào Cai	population dynamics in, 402
ambitious functional projects,	socio-economic development plan
149–52	of, 342
cross-border cooperation with,	territorial change, 400
118–22	trade links between China and, 111
decentralized institutional context	traders, 442
to, 152–54	transformation of Savannakhet
economic growth, 155–57	airport, 32
imbalanced commercial relations	Yunnan border cities exported to,
with China, 157-59	132
imported and exported goods,	Lao-Singapore Import-Export
157–58	Company, 439
Kunming–Haiphong corridor,	Lao-Vietnamese agreement, 48
145–49	larger-scale trade, 132
local government in, 500	last-mile connectivity of seaports, 264
locality under construction, 144	law providing departments, with extra
residential areas in, 151	financial resources, 232
transnational dynamics of, 472	Least Developed Country (LDC), 182
urban development, 473, 474	legal contraband, 71
Lào Cai International Border Gate	legal trade flows, 503–4
Area, 150	LFNC. See Lao Front for National
Lao-Chinese mining ventures, 42	Construction (LFNC)
Lao Front for National Construction	LFNC's Research Department on
(LFNC), 390	Ethnic Groups, 391
Lao government (GOL), 182, 389	liberalization policies, trade, 439
Lao People's Democratic Republic	lignite-fired power plant, 207–9
(Lao PDR)	Li, Tania Murray, 396n22
(100 1 2 1 4)	, Iuiiu iiiuiiuj, J/01144

Liu Zhijun, 431	development policy, 299
local communities, transnational	duties on laden trucks, 60
dynamics impact on, 501–6	economic and urban modernization
local initiatives, 239–40	313
local planning programmes, 18	economic development of, 299
local public policy, 333	economic domination, 471
logistic corridors, 89–91, 457	economic growth in, 318
logistics industry, development of, 14	economic integration policy of, 311
logistic system, implementation of,	economic nodes of, 301–3
304	evolution of Ipoh's urban frame,
long-distance trade, from Lao	314–15
monopoly to hegemony, 437–41	export-oriented economy growth,
Look East Policy, India, 215	263
low-cost carriers, flights by, 285	federalism in, 65
low level of internationalization	fifth five-year plan of, 69
process, 346–47	government of, 265
LPIP. See Lumut Port Industrial Park	ICT. See Ipoh Cargo Terminal
(LPIP)	(ICT)
Luang Namtha	and Indonesia, natural border
Chinese investment in, 429, 430,	between, 54
435	industrial crisis in, 308
import/export operator in, 440	industrial inheritance of, 305–7
transit trade in, 427	industrial sector, 306–7
Lumut Port, 66	inland ports in, 264
Lumut Port Industrial Park (LPIP), 68	integrated margins of, 332
Lu Qizhou, 216	intermodal network, 69
	international trade between
M	Indonesia and, 254
Mae Sai-Tachilek, 276	investments in Padang industrial
mainland areas, impact of	area, 285
transnational dynamics on,	K2 Form in, 259
501–3	"land bridge" connection between,
maize production, changes in, 433-34	264
Malacca Straits. See Straits of Malacca	metropolis, 333–34
Malay peninsula, Minangkabau	migrations, 510
presence on, 238–39	minor ports in, 65–66
Malaysia, 251, 265	multimodal transport system in,
Danok-Bukit Kayu Hitam border	303–4
checkpoint (1967), 323	national railway company of, 303-4
demographic growth, 306	peripheral growth centre for, 322
development of maritime cluster in,	polycentric urban area, 471
255	population in Kubang Pasu district,
development plan, 308	324

ports, 64, 334	maritime routes, internal operation
principal economic activities in, 258	of, 14
privatization, 66–67	maritime shipping, 72
socioeconomic structure, 305-6	maritime traffic, global hub of, 58
tourism plan based on urban	maritime zone, 70
renovation, 311–13	market-based economy, 388
trade activities between Thailand	"market-oriented" democracy, 198
and, 330	marriages in Hekou, 372-74
trade and commerce, 262	Master Plan, 283
trade facilitating infrastructures	Sumatra, 241
development in, 261	Master Plan for the Acceleration and
traffic separation scheme for Straits,	Expansion of Indonesian Economi
55	Development (MP3EI), 283, 284
transportation network of, 299-300	288
trilateral agreement, 488	Master Plan on ASEAN Connectivity
urban development of Ipoh, 311–15	(MPAC), 75
urban hierarchy of, 307	MDX Group, Thailand, 207
Malaysia International Shipping Corp.	Medan, E&E industry in, 235
(MISC), 60	Medan-Penang-Songkhla corridor, 76
Malaysian Federal State, 464	461, 483
Malaysian peninsula	mega-hub port, 58
economic dynamism of, 464	Mekong
north corridor economic region of,	border cities, 276, 470
482, 483	rehabilitation of, 129
Malaysian railroad companies, 69	Thai side of, 475
Malaysian-Thailand spatial	urban pair on, 469
organization, interscalar	Mekong Commission, 23, 30, 490
modelization of, 322, 323	Mekong River, 344–45
Mal-Thai Border Commission, 331,	transportation, NSEC and, 424–27
333	Mekong River Basin, 26
Mao Zedong, 194	Melaka-Dumai corridor, 73, 464
Maputo transport corridor, between	Mellac, Marie, 472
South Africa and Mozambique,	Memorandum of Agreement, with
20	Hanergy Holding Group and
Marine Department Malaysia, 65	Goldwater Resources Ltd., 207
maritime areas, impact of transnational	Memorendum of Understanding
dynamics on, 501–3	(MOU), 202, 474
maritime borders	meridian corridors, 34–35, 45,
multipolarity of, 76–77	50–51
specificities of, 77–78	migration, 407
maritime corridors, 271–72	of Chinese, 432
of Malacca Straits, 277	internal, 507
Maritime Departement Malaysia, 73	Mile Border Trade Zone, 200

Millennium Development Goals (MDG), 182	emergence of polycentric pattern, 352–54
Minangkabau, presence on Malay	historical centres, 345
peninsula, 238–39	industrial park, 278
mining	national and provincial contexts,
development, 428	341–45
exploitation, 305	national and regional scale, 356-57
industry, 234, 307	patterns of urbanization, 354
MISC. See Malaysia International	projects approved by BOI, 357
Shipping Corp. (MISC)	Thailand-Lao border trade at, 355
MNDAA. See Myanmar National	multilateral organizations, 166, 167
Democratic Alliance Army	multimodal corridor, 89, 457
(MNDAA)	from Penang to Kuala Lumpur, 302
mobility, 506	Singapore-Kuala Lumpur-Bangkok,
concentration in border zones,	460
507–9	multimodal transport, 299
from cross-border to transnational,	corridors, 89–91, 97
509-10	Ipoh, 303–4
internal migrations, 507	rail transport, 13
modernization, 303	multipolar port system, 65
economic and urban, 313-14	Mustafa, Muszafarshah Mohd, 469,
of railway network for Kuala	482
Lumpur-Ipoh, 304	Myanmar
MOGE. See Myanmar Oil and Gas	armed forces, 217
Enterprise (MOGE)	Asian railway network projects on,
Mohan, border trade ports of, 130–32	204
Mohan-Boten border, international	bomb blasts at, 212
traffic on, 131	border trade agreement, 198
Mongla group, 197	ceasefire agreements, 196, 209, 212
monopolization of resources by	213
Central Sumatra, 224–27	China's role and influence over,
Montego Bay Convention, 58	214–17
motorway	commercial banks from, 200
between Kunming and Hekou, 118	competitiveness, 212
between Kunming and Mohan,	cooperation framework, 177
130–31	cross-border trade, 199
MPAC. See Master Plan on ASEAN	ethnic conflict, 213
Connectivity (MPAC)	forces, 218n14
Muang Sing, sugar cane cultivation,	geostrategic location, 191
436, 437	hydropower sector, 207
Muar Port, 73	and India, rail link between, 204
Mukdahan	investments in, 206
basic indicators for 343	iunta, 192

and Lao PDR, 130	National Economic Research Institute
military, 196, 216	(NERI), 3
NSEC and, 424–27	national geostrategic stakes, and
rail systems in, 203	transnational dynamics, 472–75
raw materials imported from, 124	National High-Tech Industrial
and reconciling national and	Development Zone of Kunming,
regional integration processes,	476
214	national institutional framework, 99
regional integration, 497	national integration, 214
stone trade with, 124	and Shan State's development,
for TNCs, 212	202–11
trade relations, 199–200	and transnational links, connecting,
troops, 218n16	241–43
Yunnan border cities exported to,	National League for Democracy
132	(NLD), 192, 194
Myanmar-China bilateral trade, 200	National Level Economic Cooperation
Myanmar National Democratic	Border Zones, 112
Alliance Army (MNDAA),	National Liberation Front for South
218n16	Vietnam (NLFSVN), 390
Myanmar Oil and Gas Enterprise	national plan for ports (NPP), 65
(MOGE), 206	national planning
Myitsone Dam construction project,	ADB and, 495-97
216	programmes, 18
	national policy of border opening, 109
N	National Port Policy, 266
Nam Ngum dam, 30	national rail networks, running along
Namtha district, surveys in, 407	coastlines, 39–40
Namtu Bawdwin mines, 210	National Regulatory Authority (NRA),
Nanning-Bangkok corridor, 136	396n12
Nanning-Hanoi-Bangkok corridor, 461	national strategy related to agriculture,
Nanning-Hanoi corridor, 93	400
Nateuil	national territorial construction,
authorities, 407	reflection of, 64–66
social and economic surveys, 411	national transport policy, 302
National Agency of Investment	national urban pairs, 277–78
(BKPN), 234	natural resources
national and local powers, 500-1	development projects, 205, 211
National Democratic Alliance Army	region of, 241
(NDAA), 197, 444	Naypitaw and ethnic armed groups, 200
National Democratic Front (NDF),	NCER. See Northern Corridor
195	Economic Region (NCER)
National Economic and Social	NDAA. See National Democratic
Development Board, 31, 33, 476	Alliance Army (NDAA)

NDF. See National Democratic Front	economic domination of, 471
(NDF)	Northern Lao PDR, 399, 401, 421,
Neptune Orient Lines (NOL), 60	422
networks	appearance and development of
connectivity to transnational	social stratification in, 410
integration, 483–85	Chinese investment in, 428–31
electrical, 26–27	Chinese population in, 432
national rail, 39-40	Chinese traders in, 442
telecommunications, 26-27	cross-border migration in, 432
New Economic Geography, 273	demographic landscape of, 409
New Economic Mechanism, 176	economic and territorial
New Order	redefinitions in, 421
changes in Central Sumatra under,	economic sector in, 428
224–31	economy change in, 435
nation-building focus on north-	growing demographic imbalance in,
south organization, 282	401–9
regime, 281–82	harbours, 432
New regional organization in Oriental	illegal trade flows in, 503-4
Asia (NORAO), 294n2	political economy of, 427
NGO. See non-government	population distribution in, 403
organization (NGO)	rural areas in, 411
Nguyen Hong Thao, 162	socio-economic landscape of, 431
Nilai Inland Port, 255, 257	tourists in, 444
Nippon Foundation, 57	urban population in, 406
NLD. See National League for	Northern Region development master
Democracy (NLD)	plan, 186–87
NLFSVN. See National Liberation	North-South corridor, 130, 301, 318,
Front for South Vietnam	456, 458, 475
(NLFSVN)	combining national and
Noi Bai-Yen Bai section, 149	transnational functions,
NOL. See Neptune Orient Lines (NOL)	460–61
non-government organization (NGO),	with exclusive dominant national
196	function, 459–60
non-oil exports, policy of promoting,	GMS, 481
281	Kunming-Bangkok, 28–30
Non-Timber Forest Products (NTFPs),	and tourism development, 128
439	trade "port" on the Burmese branch
non-traditional security issues,	of, 131
Yunnan's border of, 134–35	upper Mekong river course to
North Butterworth Container	complete, 30-31
Terminal port, 76, 258	North-South Economic Corridor
Northern Corridor Economic Region	(NSEC), 92–93, 187, 338
(NCER), 315, 325	Burmese section of, 425

challenges for Lao PDR, 422-27	industrial area, Malaysian
competition between Myanmar,	investments in, 285
Lao PDR and Mekong River	port of, 280
transportation, 424–27	Padang-Pekanbaru railway, 286
origin of, 422–23	pair cities, 476
project, 423	associating an inland city, 477-80
North-South Expressway, 257	development, transnational
north-south trans-Sumatran road,	dynamics and, 277
282	formed by provincial/state capital,
North Vietnamese military strategy,	480–82
390	located on either side of Malacca
NPP. See national plan for ports (NPP)	Straits, 482–83
NRA. See National Regulatory	of Pekanbaru-Dumai, 273, 285
Authority (NRA)	urban configurations on corridors,
NSEC. See North-South Economic	274–78
Corridor (NSEC)	paired operating system, between
NTFPs. See Non-Timber Forest	Pekanbaru and Dumai, 291–93
Products (NTFPs)	Palembang
Nyunt, Khin, 206	civil servants in, 234
•	internationalization in, 239
0	and Jambi, road between, 236
Official Development Assistance	river ports, 229
(ODA), 346	rubber and rattan production, 228
oil palm plantations, 226	Southeast Asian Games, 240,
oil port in Dumai, 279, 294n6	247n44
open-door policy, 195, 198	palm oil plantation in Sumatra, 227
opening border, 71–72	Pan-Beibu (Tonkin) Gulf Economic
and cross-border cooperation,	Cooperation, 109
111–12	Panglong Agreement, 194
and developing outlying regions,	Pan-Malay community, 247n43
112–13	Pao territory, 197
Operation Lam Son 719, 386	PAR. See Program of Administrative
Oudomxay, 401	Reform (PAR)
Chinese investment in, 429, 430	paradoxical attitude, 409
population distribution, 403	Pasir Gudang industrial zone, 259
urban population in, 406	Pekanbaru, 292
Overseas Orient Container Line	Central Sumatra, structuring, 282–86
(OOCL), 259	construction of bridges, 291
· · · · · · · · · · · · · · · · · · ·	decentralization process, 281–82
P	and Dumai, paired operating system
Padang	between, 291–93
education after earthquake,	economic take-off, foundations,
247n39	278–79

harbour functions, 289	pilot role, 27
harbour requirements of, 279	Pinpet Iron Factory, 210
hospital care, 291	Pinpet Projects, 210
port, 289	Pit Stop Operations, 258
position on north-south axis, 281	PKA. See Port Klang Authority (PKA)
river ports, 229	PLA. See People's Liberation Army
traffic from, 295n16	(PLA)
transnational corridors crossing	planning
Straits, 286–87	of corridor network, 462–65
transversal river axis to Sumatra's	second-decade economic corridors,
north-south corridor, 280-81	497
Pekanbaru-Dumai road, 279	tools, 16
at crossroad of meridian and	policy environment, for Lao PDR
transverse axis, 285	economic integration, 182–84
functional complementarity of,	political development, border cities
287–88	dependent on, 133–34
paired cities of, 273	political disputes, 55
Pekanbaru-Duri-Dumai road, 281	polycentric networks, 465–67
Penang, border under the influence of,	polycentric regional structure, 18
333–34	polycentric system criss, 69–75
Penang Port, 77, 258	population distribution
Peninsular Malaysia	demographic of, 402
inland ports, 254-56, 261-64	in Northern provinces, 403
transport and spatial layout of,	Port Klang, 65, 68, 69, 252, 257
252–54	barter trades in, 73
transport system and dry ports in,	container traffic in, 60
252	privatization of, 67
typology of inland ports in, 256-61	rapid growth of, 60
People's Liberation Army (PLA),	for shipment of fresh fish and fruits
218n12, 390, 431	70
People's Republic of China (PRC), 85,	Port Klang Authority (PKA), 67, 259,
163, 362	260
peri-urban areas, 413	port of Kuantan, 65
Pertamina, 290	Port of Sabang, 62–63
Phetkasem road, 323	Port of Singapore Authority (PSA), 61
Pholsena, Vatthana, 501, 502, 506	62–63
Phonevihane, Kaysone, 469	Port of Tanjung Pelepas (PTP), 252
Phongsaly district, 401	ports
civil servants, 410	barter trade and policies in favour
distribution of villages in, 405	of, 72–75
population of, 403	border trade. See border trade ports
Phong Sugar Factory, 436, 437	connectivity corridors, 75–76
physical infrastructure, 102	dynamics towards interior, 68-69

facilities, competition between,	in India, 49
58–61	for Kuala Lumpur-Ipoh, 304
"provincial rank", 136n2	schemes, 209
unequal impact of, 67–68	Thai, 203
port systems	raw materials, imported from
levels of organization in, 54	Myanmar, 124
in Straits of Malacca, 59	Red River delta
post-conflict environments, 214	French people in, 147
Poverty Reduction Fund, 392	Hanoi and Haiphong on, 476
Prai Inland Container Depot, 255,	re-establishment of trade, 26
258	region, 5–8
PRC. See People's Republic of China	regional agreements in Europe, 6
(PRC)	regional autonomy
Preferential Trade Agreements (PTAs),	island integration and development
185	of, 239–40
principal hubs of illegal shipping, 70	law, implementation of, 222
privately-owned plantations, 224, 241,	ten years of, 231–36
242	regional business networks, nodes of,
private sector, local populations and	443
expansion of, 504–6	Regional Cities Development Policy,
Program of Administrative Reform	342
(PAR), 159, 498	regional economics
protectionism, 332	cooperation schemes, 339
province development plan, 233	development, 11
"provincial rank" port, 136n2	integration, 8
provincial scale, 343–44	regional geopolitical transformations,
PSA. See Port of Singapore Authority	24
(PSA)	regional integration, 7
PTAs. See Preferential Trade	challenged by instability in Shan
Agreements (PTAs)	State, 206
public transport system, 291	contested by local population,
public transport system, 271	207–9
R	initiatives, Lao PDR, 176–78
Rahim, Abdul, 492	within network, 44–46
rail corridors, 13	precedence over national integration
coastal road and, 459	and local development, 202–5
main road and, 109	process of, 6–7
railroad facilities, 68–69	tools, 17
rail transport, multimodal, 13	regionalization, 5–7
railway improvement project	de jure vs. de facto, 7–8
operation, 149	process of globalization in Asia, 23
railway network, 117	reverse order of, 8
Burmese, 123	regional networks, 464–65

regional organization, linked to	Ruili city
corridor planning, 462–65	cross-border economic cooperation
Regional Piracy Centre, 57	zone, 200
regional port, export port vs., 288-90	dependent on economic vitality,
regional rail hub, 202-5	133–34
regional railway linkage, emergence of,	economic characteristics, 133
39–44	non-traditional security issues in,
Regional Trade Agreement (RTA), 6,	134
185	Sino-Burmese trading place, 123–26
Republican Army soldiers, 362	Ruili-Muse, 276
Republic of the Union of Myanmar,	free-trade, 200
192	twin cities of, 125, 474–75
Research Institute on Contemporary	rural mobility, 507
Southeast Asia (IRASEC), 476	Ruth Banomyong, 457-58, 492, 503
residential and service zones, 150	
restoration process in historical	S
timetable, 388	Sabang Development Authority
reverse order of regionalization, 8	(SADA), 62
Riau, 294n5	Sadao district, 323
air hub, 289	market-led development of, 328
impact of roads on, 226	Thai labour force of, 329
population of, 225	transportation infrastructure of, 323
socio-economic development of, 288	urban layout, 329
transmigration, 244n4	San, Aung, 194
rice production, changes in, 433–34	Saraburi Coal Co. Ltd., 208, 209
river ports, 229	Savannakhet, 340
road	basic indicators for, 343
corridors, extension of, 34–38	comparison of FDI in, 351
government policies and individual	emergence of polycentric pattern,
agency, 381–85	352–54
historical memory, 385–88	foreign investors in, 471
infrastructure, 98, 303	historical centres, 345
transportation, investments in, 36	joint ventures and foreign
road, to modernity	companies, 351, 356
Khet Lakô, 388–91	national and provincial contexts,
state territoriality, 391–93	341–45
roll-on roll-off (RO-RO) ships, 76	national and regional scale, 356–57
Royal Lao Army, 387	patterns of urbanization, 354
Royal Malaysian Customs, 256	stages of development and spatial
RTA. See Regional Trade Agreement	organization in, 347
(RTA)	by UDAA, 353
rubber production, 127	Savan-Seno Special Economic Zone
changes in, 433–34	(SSEZ), 349

Savan Vegas Casino, 351	cross-border trade, booming,
"Save the Irrawaddy" campaign, 216	198–99
scale of integration, 24–26	human and environmental impacts
scepticism, 192	of development projects in,
SDIC. See State Development and	211–13
Investment Corporation (SDIC)	Muse, 199–201
sea line of communication (SLOC),	national development strategies
54–55	impact on, 193–95
seaports, last-mile connectivity of,	natural resource development
264	projects in, 205
Seattle-Chicago-New York land bridge,	Shan State Army (SSA), 195
13	resumption of armed conflict
SEC. See Southern Economic Corridor	between, 212
(SEC)	Shan State Army-North (SSA-N),
Second Mekong International Bridge	218n16
(SMIB), 346–47, 349	Shan State Army-South (SSA-S), 195
Section 65E of the Customs Act 1967,	Shan State Nationalities Liberation
256	Organization, 195
seduction strategies, 374	Shan United Revolutionary Army
Segamat Inland Port, 259-61	(SURA), 195
Sein, Thein, 212, 214, 216, 217,	shifting cultivation, 408
217n5	shipping
Selat Panjang Port, 73	contraband, 70
Sepon district	routes, 13
Fund's inception in, 392	traffic, volume of, 54
local communities, 381	Shwe project, 215
Route 9 projects, 385, 394	Silk Road
Serk, Yawd, 195	between China and India, 44
Seventh Five-Year Socio-Economic	Southern, 115–17
Development Plan (NSEDP-7),	Sinar Mas Group, 244n7
182	Singapore
7th National Plan, 339	harbour infrastructures in, 234
SEZ. See Special Economic Zone	maritime trade, 60
(SEZ)	traffic separation scheme for straits,
Shan State, 192, 195, 210	55
border areas development,	Singapore-Bangkok route, 235
government implementation	Singapore-Johor in Malaysia-Riau in
strategies for, 196–97	Indonesia (SIJORI), 11–12
border development projects,	growth triangle, 229, 488, 504
impacts of, 211	Singapore-Kuala Lumpur-Bangkok
ceasefire agreements, 195–96	multimodal corridor, 460
ceasefire armed groups and FDI,	Singapore-Kunming Rail Link (SKRL)
197–98	project, 188

Singapore-Kunming railway, 39	landscape of Northern Lao PDR,
Singapore Port, 58, 77	431
Singapore Technologies Industrial	Soeharto
Corporation (STC), 504	New Order, 230
Sino-British border, 124	regime, 221–22
Sino-Burmese	Songkhla-Penang-Medan corridor,
cooperation process, 112	464, 466
trading place, 123–26	Songkhla, state/provincial capitals of,
Sino-Soviet relations, 111	333
Sino-Thai	Southeast Asia
cross-border zone, 48	cities and corridors in, 275
economic zone, 31	dry port, 277–78
entrepreneurs, 28	pair cities in, 476
Sino-Vietnamese	transnational development and
alliances, 367	opening of, 493–95
border, 111, 123	Southeast Asian subregional initiatives
cross-border economic zone,	GMS, 85–86
138n17	IMT-GT, 86–88
cross-border social networks, 366	Southern Asia, transnational
exchange centre in process of urban	development, 493–95
development, 122–23	Southern Economic Corridor (SEC),
marriages, 371, 373	96
Sino-Vietnamese Committee, 122	"Southern Silk Road", opening and
Sintok, Malaysia, 326	revival of, 115–17
SLOC. See sea line of communication	Southern Thailand, exit point of,
(SLOC)	334–35
SLORC. See State Law and Order	South Seas, China and, 108
Restoration Council (SLORC)	spatial organization, 272
small-scale trade, tax exemptions for,	SPDC. See State Peace and
114	Development Council (SPDC)
SMIB. See Second Mekong	Special Economic Zone (SEZ), 46,
International Bridge (SMIB)	187, 444
snowball effect, 407, 409	Chiang Rai's, 278
Socialist Republic of Vietnam, 163	of Golden Triangle, 445–46
social stratifications, emergence of,	SSA. See Shan State Army (SSA)
409–10	SSA-N. See Shan State Army-North
increasing, 410-11	(SSA-N)
land pressure, rising prices, 411-16	SSA-S. See Shan State Army-South
socio-economics	(SSA-S)
cross-border network, 9	SSEZ. See Savan-Seno Special
development of province of Riau,	Economic Zone (SSEZ)
288	state actors, transnational dynamics
development plan of Lao PDR, 342	and, 495–501

State Development and Investment	transnational management in, 489–91
Corporation (SDIC), 208	
State Law and Order Restoration	transnational projects in, 495
Council (SLORC), 198, 217n2	Strategic mining development project,
State Peace and Development Council	210–11
(SPDC), 192, 196	Sturgeon, Janet, 392
Straits of Malacca, 204, 272, 288, 290	subregional economic zone, 9–10
asymmetrical port system, 63–69	sugar cane
awakening of Indonesia's ports,	in Muang Sing, 436, 437
61–62	production, 433–34
competition between port facilities,	Sumatra
58–61	coastal settlements of, 237
cooperation and competition,	corridor of MP3EI project, 286
54–55	demographic evolution, 225
corridors across, 287	economic corridor projects, 284
development project for, 234–35	exports from, 224
GMS comparing with, 455–56	integration and connectivity process
growth corridor and multipolarity	243
in, 75–78	integration with Java, 459
growth triangle, 507	island of, 221, 222, 243n1
guaranteeing navigation safety and	Japanese occupation, 242
security, 55–58	Master Plan, 241
international conferences, 58	new and second-hand goods, 237
involvement of Japan in, 494	north-south corridor, transversal
legal actors, 503	river axis to, 280–81
maritime corridors in, 51, 463	palm oil plantation in, 227
maritime dynamism of, 319	physical structure of island of,
migratory chain, 510	295n7
multi-level approach, 53–54	polycentrism, 466
national and transnational urban	population of, 224, 236
pairs, 277–78	provinces, 223
pair cities located on either side of,	region of natural resources, 241
482–83	road projects in 1990s, 283
polycentric network of, 465–66	state and local unit, problems of
polycentric system criss-crossed by	shared responsibilities between,
multidirectional exchanges,	233–34
69–75	territorial administration grid,
reaction of port of Singapore	evolution, 233
Authority, 62–63	and trading partners, 238
safety and security in, 57	trans-island routes in, 227–29
safety to shipping in, 56	"Sumatra Eastern Economic
	Corridor", 235
traffic separation scheme, 55, 72	
transnational dynamics in, 18	Summers, Timothy A., 108

Sumsel	ecologists, 30
populations of, 225	economic corridor concept, 423
seaport project, 234	economic domination, 471
Sunda straits, bridge across, 235	electricity export to, 30
Sungei Way Inland Clearance Depot,	export policy, 334
255, 257	to Indonesia, Asian financial crisis
supranational actors, transnational	from, 7–8
dynamics and, 488-95	integrated margins of, 332
SURA. See Shan United Revolutionary	investments in East-West corridor,
Army (SURA)	31–33
Suwannaphum, Theravada Buddhist	investments in North-South
tradition, 447n2	corridor, 28
swidden cultivation system, Central	lignite mine, 209
Sumatra, 225	logistic services used by, 334
Syuen Group, 449n24	military, 30
	national policies, 342
T	participation in GMS, 423
Taillard, Christian, 489, 496	partnership in Lao PDR, 31
Taiwan straits, 272	peripheral growth centre for, 322
Talat Savanxay, 346	planning authority, 31
Tamadaw troops, 210	rail network, 203
Tan, Danielle, 400, 489, 496, 503,	railroad companies, 69
505, 509, 510	Tai-speaking population, 381,
Tanjung Pelepas (PTP), 67	410
port of, 61	trade activities between Malaysia
Tanjung Sauh project, 62	and, 330
Tasang Dam, 207	trade by Mekong River trade route,
Tavoy (Dawei) project, 203	425, 426
Tebedu Inland Port, 260	trade, China and, 424-25
telecommunications networks, GMS,	trilateral agreement, 488
26–27	urban network, 469–70
Thaike, Sao Shwe, 194	urban population in, 358n6
Thai labour force of Sadao district, 329	and Vietnam, rivalry between,
Thailand	48–49
"buffer-state" policy, 195	Yunnan border cities exported to,
companies, large-scale logging and	132
mining concessions, 198	Thai-Malaysian border, 471–72
cooperation agreement signed	twin cities on, 276
between Cambodia and, 35	"Three Cs" strategy, 144
cooperation framework, 177	Tight
cross-border exchanges with, 131	coal mine, 209
Danok-Bukit Kayu Hitam border	power plant, 209
checkpoint (1967), 323	top-down regionalization, 487

tourism development	transnational connections,
in Lào Cai, 152	reappearance of, 236-40
in Xishuangbanna prefecture, 128	transnational constructions, 8
trade	transnational corridors, 16, 273
balance, Lao's, 180	definition, 456–57
China-Myanmar, 425	new nodes on, 132–36
China-Thailand, 425	transnational development of
facilitation, 101–2	Southeast Asia, 493–95
general liberalization of, 7	transnational dynamics
international import and export, 66	from cross-border to transnational,
international, issue of, 425, 427	8–10
Lao PDR and China, 428	in Greater Mekong Subregion and
liberalization, 293, 439	Malacca Straits, 18
long-distance. See long-distance	from growth triangles to cross-
trade	border economic development
openness, Lao PDR, 178-81	zones, 10–18
re-establishment of, 26	and local communities, 501-6
tightly-controlled opening up of,	in mainland and insular Southeast
229–31	Asia, 3–5
transit. See transit trade	and mobility, 506–10
vessel movement, 73	national geostrategic stakes,
"trade-industry zone", 153	472–75
"trade turntable" for contraband	problematics and plan, 18–20
traffic, 71	region and regionalization, 5–8
traditional powers abolition in	and state actors, 495–501
Indonesian islands, 224	and supranational actors, 488–95
trans-Asian railway plan, 44	transnational integration
Trans-Asian Railway Project, 203	different views of, 500–1
trans-border spatial organization, 323	network connectivity to, 483–85
border district scale, 323–26	projects, 18
cross-border twin cities, 326–27	strategies, 26, 510–12
transhipment hubs, 14	transnational links, national
trans-island routes in Sumatra,	integration and, 241–43
227–29	transnational management, 55
Transiter programme, 5	GMS and Malacca Straits, 489-91
transit trade, 425, 441	transnational networks
in Luang Namtha and Bokeo laos,	of agri-business boom, 435–37
427	crossborder and, 509–10
transmigration in Central Sumatra,	transnational organizations,
226	strengthening/weakening
transnational coastal areas, isolated	ASEAN, 491–93
from mainland infrastructures,	transnational polycentric networks,
237–39	465–67

transnational setting of Danok and	of Ruili-Muse, 125		
Bukit Kayu Hitam, 328-32	urban configurations on corridors,		
"transnational space", 9-10	274–78		
transnational urban pairs, 277-78	Tyazhpromexport company, 210		
transoceanic merchandise shipping			
lines, 54	U		
transportation corridor projects, 204	UDAA. See Urban Development		
transport corridors, 12-14, 88, 91,	Agency (UDAA)		
457, 458	UMFCCI. See Union of Myanmar		
Transport development in Peninsula	Federation of Chambers of		
Malaysia, 252	Commerce and Industry		
transport functions, complementarity	(UMFCCI)		
in, 288–90	UNDP, 400		
transport geography, specialists	UNFPA. See United Nations		
defining corridor, 271	Population Fund (UNFPA)		
transport infrastructure, 143	Union of Myanmar Federation of		
development of, 113	Chambers of Commerce and		
reconstruction of, 26	Industry (UMFCCI), 206		
transport investments, GMS, 26	United Nations Population Fund		
transport network in Yunnan Province,	(UNFPA), 218n7		
110	United Wa State Army (UWSA), 195,		
trans-shipment hub, 77	206, 218n16, 446		
trans-shipping, traffic consists of, 58	United Wa State Party (UWSP), 197		
trans-straits relations, 237	Universitas Riau (UNRI), 227		
Trans-Sumatra Highway, 65	UNRI. See Universitas Riau (UNRI)		
trans-Sumatran route, 229-31, 235,	urban area development plan, Lào		
242	Cai-Cam Duong, 146		
construction of, 280	urban corridors, 15-16		
north-south, 282	urban development, 138n14		
north-south orientation of, 281	CBEZ and, 121		
transversal corridors, 45	Sino-Vietnamese exchange centre in		
with little structuring power, 462	process, 122-23		
with powers of organization at	strategies, 117–18		
regional level, 461-62	tourism as driving force behind,		
transversal economic corridors, 75	129		
transversal river axis to Sumatra's	Urban Development Agency (UDAA)		
north-south corridor, 280-81	353		
transversal zones, 70	urban development of Ipoh, 312-13		
transverse corridors, 272	urban dynamism of Danok and Bukit		
Triet, Nguyen Minh, 111	Kayu Hitam, 328-32		
twin cities, 338-39, 355	urban layout of Danok and Sadao,		
in border areas, 274–77	329		
classification of, 469-76	urban modernization, 313–14		

urban network, national and regional,	economic indicators for five
300	northern provinces of, 156
urban pairs	economic reforms in, 38
national and transnational, 277-78	Hoa network, 373
and twin cities, urban	internal territorial dynamics,
configurations on corridors,	159–62
274–78	investment, 48
urban population	isolation, 147
growth rate, 406	labourers, 385
in northern provinces, 406	markets in, 123, 158, 365, 371
urban scale, Pekanbaru-Dumai,	multilateralism as solution, 166-67
287–93	population in, 365
urban structure link to corridors, 467	porters in, 385
border enclaves, 475-76	prostitutes in, 365, 369
criteria chosen for comparison of,	rivalry between Thailand and,
468–69	48–49
dominant dynamics, 469–72	state territoriality, 391-93
pair cities, classification of, 476-83	trade links between China, 111
transnational dynamics, 472-75	traders in, 374, 384
twin cities, classification of, 469-76	women in, 364-66, 368-74
U.S Air Force, 386	Yunnan border cities exported to,
U.Sbacked Kuomintang (KMT), 194	132
U.S-controlled puppet/enemy zone,	Vietnam War, 385, 389, 390
387	Vignat, Ella, 494, 501, 506
UWSA. See United Wa State Army	Village Consolidation policy, 389,
(UWSA)	396n15
UWSP. See United Wa State Party	virtuous cycle, by inland ports, 262,
(UWSP)	263
V	W
Vân Kiều, 395n3	Walker, Andrew, 438
Vientiane-Kunming high-speed	Wanbao Mining, 216
railway, 187–88	warehouses, operators of, 258
Vietnam	Wa territory, 197
border problems between China	West Sumatra
and, 162-66, 172n42	province of, 223, 286
bridge links with China, 150	small and medium enterprises,
and China, uncommon border,	285–86
162–64	supplier of agricultural products,
Chinese FDI in, 157	286
Chinese occupation in, 472	Win, Ne, 194
cooperation framework, 177	wood pulp production, 226
decentralization measures, 498	World Bank, 88, 400

World Bank's Poverty Reduction Fund, 393 World Trade Organization (WTO), 175, 251 membership, 183

\mathbf{X}

xiaxiang political movement, 362
Xishuangbanna prefecture, 127
agricultural production in, 138n21
economic characteristics, 133
non-traditional security issues in,
134–35
North-South corridor and tourism
development in, 128
urban hierarchy of, 134

Y

Yangon Airways' licence, 218n13
YMEC. See Yunnan Machinery
Equipment Import & Export
Company Ltd. (YMEC)
Yunnan and Myanmar, trade between,
200

Yunnan Joint Power Development Company (YUPD), 208 Yunnan Machinery Equipment Import & Export Company Ltd. (YMEC), 208 Yunnan Power Grid Corporation, 208 Yunnan province, investment, 425 Yunnan Province participation in GMS, 107-9 border opening policy, 110-14 cities and transport network in, development strategy, 114-18 impacts on border cities, 118-32 new nodes on transnational corridors, 132-36 YUPD. See Yunnan Joint Power Development Company (YUPD)

Z

Zemin, Jiang, 111 Zhao Wei, 445 Zheng He, 138n15