

INDEX

Note: Page numbers followed by “*n*” indicate notes.

- Abrogation of Article 370 and 35A, 117–118
- Accessibility indicators, 62
- Adaptive process for smart community governance, 31–32
- Additive 3D printing technologies, 6
- Aggregate future generations value, 139
- Aircrafts, 3
- Analytical independence, 128
- Antarctica Treaty (1959), 23
- Anti-access-area-denial capabilities (A2/AD capabilities), 6
- Armament costing, 6
- Artificial intelligence (AI), 2, 6
- Augustine goods, 7–8
- Augustine products, 12
- Augustine weapons systems, 7–13
- Augustine’s Law, 2
 - cost, technology, and capability, 3–5
 - RMA, 6–7
- Autonomous system, 6
- Autoregressive distributed lag (ARDL), 105, 108–109, 111

- Baltagi–Song–Koh test, 70–71
- Banking regulation, 45, 49–50
- Battlestar Galactica*, 3, 12
- BBB (*see* Build Back Better (B³))
- BBVA Bank Foundation, 64
- Biculturalism, 90
- Bipartisan nature of support, 125–126
- BJP Manifesto (2014), 119–120
- Board structures, 150

- ‘Brain Waste’, 95
- Brexit, 2, 94
- Build Back Better (B³), 30, 32
- Build back better even before disaster (B⁴), 28–29, 37*n*2
 - Eastern Japan Earthquake Disaster, 30
 - Great Hanshin Earthquake Disaster, 29–30
 - PDS as extended notion of series of disasters, 30–31
 - problems, 37
- Business
 - market fundamentalism and mainstream business organisations, 134–136
 - nature, society and future generations, 136–140
 - and peace, 140
 - transforming, 140

- C-interreg* database project, 65
- Capability, 137
- Capacity of government, 104
- Capital mobility, 105
- Capital stock, 65
- Carbon-intensive financing, 43–49
- Catalan, 59–60
- Catalonian linguistic normalization, 59
- Catastrophic risk, 135
- Central banks, 46–49
- Climate change, 40–42, 46, 51
 - and conflict, 82–83
- Climate risk indices (CRI), 42–43
- Climate risks, 41, 49
 - assessment, 42–43

- Climate-related financial risks, 41, 49
 - assessment, 50–51
 - green financing and carbon-intensive financing, 43–49
 - input and output price risks, 51–52
 - physical risk, 52
 - policy risk, 51
 - risk assessment of bank borrowers, 52–53
- Climate-related risks, 41, 46
- Coalition, 18
- Cold War, 129
- Commitment strategy, 117
- Communicative process, 29
 - adaptive process for smart community governance, 31–32
 - B⁴, 29–31
 - Merapi Volcano Region, 32–37
- Community-based governance, 29
- Compensation hypothesis, 104–105
- Conflict, 80
 - conflict–migration nexus, 80–81
 - in host country, 87
 - intra-familial conflict, 89
 - intra-personal conflict, 89–90
 - migrant–host country conflict, 87–89
 - mitigation, 90
- Cooperative coalition, 20–22
- Corporate governance, 147–149
- Cultural threats, 91
- Cyberwar, 2

- Decision-makers, 134–135
- ‘Declaration of peace to the world’, 3–4
- Defence budget, 2
- Demographic threats, 91
- Departure point, 66
- Destruction of nature and ecosystems, 134
- Diasporas*, 84, 98*n*7
- ‘Direct Finance’, 44
- ‘Disaster Clock’, 28
- Disaster Management Cycle, 28
- Discounting, 135
- Diseconomies of scope, 9–10
- Drones, 6

- Eastern Japan Earthquake Disaster, 28, 30
- Ecological value function, 136
- Econometric techniques, 62–63
- Economic
 - arrangement, 136–137
 - globalisation, 1
 - integration, 104
 - threats, 91
- Efficiency hypothesis, 104
- Emigration, 84–87
 - emigration-related conflicts, 90
- Energy, 52
 - conflict in, 143–145
 - data analysis, 150–154
 - European context, 147–149
 - literature review, 145–146
 - objective, 149–150
 - sector, 142–143
- Environmental and climate
 - change Screening (ECC Screening), 44
- Environmental risks, 41
- Equal weighted index, 153–154
- Error correction model (ECM), 109
- European context, 147–149
- European Union (EU), 2, 40, 143
- Exogenous shocks, 21
- Exported capital, 63–66
- Extractive industry, 144

- F*-statistic, 108
- F*-test, 70
- Financial
 - policies, 46–48
 - risks, 50
 - stability, 41, 46
- First Use (FU), 117
- Fiscal balances, 72–74

- Forced migration, 80, 82
- Foreign Minister (FM), 116
- Fourth Industrial Revolution, 12
- Free-market liberal democracy, 1
- Future generations
 - indicators, 138
 - value function, 139
- ‘Gain’, 24*n*10
- Gender, 142–143
 - bias, 143
 - conflict, 143
 - equality, 142
- Generalised transport cost (GTC), 65
- Geographic information systems (GIS), 62–63
- Global business, 134
- Global health, 129
 - dominant models in academic discourse, 128–130
- Global migration, 80
- Globalisation, 104–105
 - empirical results, 109–112
 - literature review, 105–107
 - methodology and data, 107–109
- Governmental agencies (GA), 150
- Great Hanshin Earthquake Disaster, 29–30
- Green finance/financing, 43–49
 - initiatives, 45–46
- Green house gas emissions (GHG emissions), 40–41, 51
- Gross Domestic Product (GDP), 68, 108
- Hanshin-Awaji Earthquake, 30
- Hausman test, 70–71
- Health histories perspective, 130
- Human history
 - critical juncture of, 2
 - crossroads, 3
- Human insecurity, 2
- Human security, 2, 4, 104, 107
 - strategies, 4
- Hyogo Framework for Action, 28
- Immigrants, 84–85
- Immigration, 84–87 (*see also* Migration)
- Imported capital, 63–66
 - stock, 70
- Imran Khan’s nuclear threat, 119
- Indian defence strategy, 115
- Inflation rate (*Inf*), 112
- Input price risks, 51–52
- Insurance, 41
 - industry, 49
- Integrity, 136
- Inter-generation justice, 139–140
- Inter-species justice, 138, 140
- Interethnic expectations, 90
- Intermediate Nuclear Force Agreement, 15
- Internal capital, 63–66
- Internal migration, 98*n*6
- Internal road network capital stock, 63
- International Finance Corporation (IFC), 147
- International migration, 84–87
- International Organisation for Migration (IOM), 82, 84
- Intra-familial conflict, 89
- Intra-personal conflict, 89–90
- Involuntary migrants, 86
- Involuntary migration, 82
- Jammu & Kashmir (J&K), 117–118
- Job security, 107
- Kemiren community, 35
- Kepuharjo community, 35
- KOF *de facto* index (*KOFGIdf*), 109
- KOF *de jure* index (*KOFGIdj*), 109
- KOF general index (*KOFGI*), 109
- Konjunkturforschungsstelle (KOF), 108–109
- Konjunkturforschungsstelle globalisation index (*KOFGI*), 108, 110
- Labour productivity, 61, 68
- Lagrange multipliers (LM), 70

- Large-scale asset purchases, 55*n*5
 Liability risk, 51
 Linear model of cointegration, 109
 Loan defaults, 53
 London Naval Conference, 22
 Long-run average unit cost (LRAUC), 8, 10–11
 ‘Low carbon financing/investment’, 47
 Low-carbon policies, 53

 Macroprudential policy, 48–49
 Marginal cost (MC), 5
 Market fundamentalism, 134–136
 Merapi Volcano Region, 32
 B³, 33–35
 eruptive history, 32–33
 outcomes of YSM-based
 collaborative action
 development, 35–36
 post script, 36–37
 Migrant–host country conflict, 87–89
 Migration, 80, 97*n*1
 addressing perceived security risks, 91–94
 integrating immigrants, 94–96
 migration-related conflict, 90
 mitigating, 90
 three-step model, 80
 Migration Policy Institute (MPI), 81
 Military robotics, 6
 Military technology, 4
 Minimum efficient scale of production (MES), 9
 Modernisation of health, science and technology, 128
 Monterey policies, 46–48
 Moran’s *I* test, 70
 Multilateral arms race, 16

 Neo-protectionism, 1
 Network analysis, 62–63
 Network for Greening the Financial System (NGFS), 45
 New international alliances, 128
 New Start Treaty, 16

 No First Use (NFU), 116, 118–119
 and attitude of other NWs, 122
 Non-bank financial institutions, 41
 Non-Proliferation Treaty (1968), 19, 23
 Nuclear doctrine, 116–117
 Nuclear weapons (NWs), 115–116
 abrogation of Article 370 and 35A, 117–118
 bipartisan nature of support, 121–122
 BJP Manifesto (2014), 119–120
 Imran Khan’s nuclear threat, 119
 NFU, 118–119
 NFU and attitude of other NWs, 122
 nuclear doctrine, 116–117
 review, 120–121
 Nuclear Weapons State (NWS), 116

 Output price risks, 51–52
 Overflow effect, 62

 Panel model, 108
 Paris Agreement, 40, 46, 50
 Partial Test Ban Treaty (1963), 19
 Payoffs to original members, 20–22
 Perpetual peace, 1
 Persistent Disruptive Stressors (PDS), 29, 33
 community pressed under, 31
 as extended notion of series of disasters, 30–31
 Physical risk, 51–52
 Physical threats, 91
 Planned average total cost curve (ATC planned curve), 4–5
 Policy risk, 51
 Political
 conflict, 81–83
 threats, 91
 Pollution, 41
 Post-war
 agencies, 128
 policies of internationalism and consensus, 128

- Pre-disaster reduction planning (PDRP), 37n2
- Predatory globalisation, 2–3
- Present generations, 139–140
- Prime Minister (PM), 115
- Prisoner's dilemma game, 17–19, 21, 23
- Private capital, 66
- Process-specific technological change, 10
- Product-related technological change, 8
- Production functions, 61
 - spillover effects modelling by means of, 66–68
- Production inputs, 61
- Productive private capital, 68
- Profit drive, 134
- Prospect theory, 134
- Public capital stock, 68
- Public employment in India, 104, 107–108

- Rainforest Action Network (RAN), 43
- Recovery, Rehabilitation, and Reconstruction (RRR), 32
- 'Recovery-focused' approach, 28
- Regional balance of payments, 76
- Regional fiscal conflicts, 60
- Rest of public capital, 66
- Revolution in Military Affairs (RMA), 2, 6–7, 13
- Risk assessment of bank borrowers, 52–53

- Sargan and Hansen-J statistic, 70
- Schofield's model, 22–23
- Seabed Treaty (1971), 23
- Sendai Framework for Disaster Risk Reduction, 28, 31
- Sindumarutani community, 35
- SMART Governance, 29
- Smart weapons systems, 6
- Social conflict, 81–83
- Social implementation, 37
- Social stability, 104

- Social value function, 137
- Soil erosion, 41
- South East Asian Central Banks (SEACEN), 47–48
- Spanish economy, 59
- Spanish territory, 65
- Spatial autocorrelation with autoregressive disturbances model (SAC model), 70
- Spatial panel data, 61, 66
- State-owned enterprises (SOEs), 148
- Super powers, 116
- Supervisory authorities, 46–49
- Supranational organisation, 19–20
- Survival, 80
- Sustainability indicators, 136
- Sustainable Development Goals (SDGs), 44
- SWOT analysis, 34
- Syrian refugees, 96

- Tactical Nuclear Weapons (TNWs), 120
- Task Force on Climate-related Financial Disclosures (TCFD), 45
- Technological change, 8
- Termination of multilateral arms race, 15–16
- Territorial
 - conflicts in Spain, 58–61
 - proximity, 69
- Terrorism, 92
- Three-player arms race, 17
- Three-Power Naval Conference, 22
- Tournament armour, 12
- Transition risk, 51
- Transport infrastructure spillovers, 61
 - data and empirical results, 68–74
 - effects, 61–63
 - imported, exported, internal, and used capital, 63–66
 - production function, 66–68
 - territorial conflicts in Spain, 58–61

- Trilateral arms, 16
 - race game, 16–23
- Turkish Ministry of Health, 96
- UK aircraft industry, 7
- UN Intergovernmental Panel on Climate Change (UN-IPCC), 40
- UN organisations, 128
- Unit costs of economic distance, 65
- United Nations Framework Convention on Climate Change (UNFCCC), 40
- United Nations High Commissioner for Refugees (UNHCR), 81–82, 86–87
- Urban population (*UrPop*), 112
- US naval forces, 1–2
- Used capital, 63–66
- Value functions, 136
- Victims, 87
- Violence, 134
- Voluntary migrants, 85
- Voluntary migration, 80
- War-related conflict, 81–82
- Washington Naval Conference (1921), 22
- Washington Naval Treaty (1922), 23
- Weapons of Mass Destruction (WMD), 116
- Weights, 137
- Well-being, 137
- WHO, 129–130
- Women representation, 142
- World Resources Institute (WRI), 83
- World Trade Organisation, 2
- Xenophobia, 93
- Yonmenkaigi chart, 34–35
- Yonmenkaigi System Method (YSM), 29, 32–35
 - outcomes of YSM-based collaborative action development, 35–36
- ‘Zero-to-One Movement’, 32