

Index

- Absorptive abilities, 206–207
- Absorptive capacity, 206–207, 310
 - lack of, 213–215
- “Activation model” approach, 42
- Active dialogue between proponents and opponents, 120–121
- Actors capability of making agreements, 132–133
- Additional capacity, 206–207
- Administrative agencies strategies, divergence of, 299–301
- Administrative capacity, 13, 305
- Administrative conflict, theoretical framework for, 288–290
- Agribusiness, 94
- Agriculture, 90–91
- AkEnd, 56
- All-Stored-Here (ASH), 207
- Amazon Productive Transformation Agenda (APTA), 170–171
- Amazon rainforest, 100
- Amazon Special Territorial Circumscription (CTEA), 170–171
- Ambiguity, 121
- Analytic framework for governing sustainable development, 282–285
- Analytical capacity, 13–14, 92, 166–167, 213–214, 308–309
- ANDRA, 57–58
- APG flaring problem, 76, 295
- Arvandan Oil and Gas Company (AOGC), 74
- Associated petroleum gas (APG), 70
 - flaring in Iran, 73, 75–76, 82
 - Iran oil industry, 73–75
 - persistence, 76–82
- Atomkonsens, 56
- At-risk-of-poverty (AROP), 28
- Authoritative strategies, 267
- Autonomous communities (ACs), 184–185
- Bargaining mechanisms, 288
- Bluewashing, 42
- Bottom-up performance management, 120–121, 310–311
- Brazilian media landscape, 92
- Brundtland Report on Our Common Future (1987), 2
- Bureaucratic politic model, 288
- Call for Evidence, 247–248
- Capability concept, 302–303, 306
- Capacity, 12–13, 120–121
 - administrative, 13, 305
 - analytical, 13–14, 92, 166–167, 213–214, 308–309
 - content-process-context interactions in LT megaproject, 126–136
 - as democratic aim to solve sustainable development problems, 303–304
 - of designing sustainability development policies, 17–18
 - framework at sustainable development policymaking, 302–304
 - governance, 41, 43, 122
 - for managing wickedness, 302–303
 - megaprojects’ wickedness and, 121–124
 - nonlinear, 305, 309, 312
 - operational, 13–14, 93, 166–167, 213–214, 226, 308–309
 - for organizing, 124–126

- policy, 54–55, 122, 165, 168, 197, 199, 226
- political, 13–14, 93, 166–167, 202–203, 206–207, 213–214, 245, 308–309
- state, 92–93
- technical, 307–308
- types, 12–13
- Capacity building, 20, 122, 124, 126, 305
- Central Irrigation Union of the Tajo-Segura Aqueduct (SCRATS), 189, 194–195
- Chamber of Deputies, 94–96
- Change, 124, 137, 266
- Child poverty, 28
 - essence, 36–41
 - Finland, SDGs and, 28–31
 - as metrics reality, 35
 - as policy continuum, 34–35
 - as policy narrative “pendulum”, 36
 - policy output in context of SDGs, 41
 - SDGs as learning framework in context of, 36–43
 - as wicked problem in SDG context, 31–34
 - as wicked societal problem, 34–36
- Citizen participation projects, 202–203, 205–206
- Civil society, 15, 210–211
 - actors, 250
 - organizations, 145
 - stakeholders, 31
- Climate change, 144, 204
 - case study on, 152–156
 - policy, 294
- Cluster analysis, 210
- CNAPI, 60–61
- Cocreation, 138, 205–207
 - French CCC experience and wicked dimension of, 212–213
 - wickedness of, 214
- Coherence (*see also* Divergence), 223, 226, 262
 - approach, 246
 - policy coherence and wickedness SD, 225
 - strategies to promote, 266–269
- Collaborative strategies, 267–268
- Communication, 143, 154, 289
- Communities, 2, 165, 221
- Comparative policy analysis, 52–53
- Competitive strategies, 267
- Complementary Climate Delegated Act, 52
- Complex intergovernmental problem (CIPs), 186–187
- Complex systems, 167–168, 286–287
- Comprehensive Plan for the Amazon (PIA), 170–171
- Conference, 227
- Conflict, 2, 121, 123, 223, 226, 288–289
 - policy coherence and wickedness SD, 225
 - typology of, 290–291
- Conflicting values and interests, 291
- Conflictive policy domains, 270
- Conflictive regimes, 269
- Consensus, 5, 15, 17, 53–54, 305
- Content-process-context interactions, in LT megaproject, 126–136
 - actors’ capability of making agreements, 132–133
 - content, context, and process, 133–136
 - national institutions’ openness or closure to civil society stakeholders, 126–130
 - supranational intensity of supervision and control, 130–132
- Contextualism, 120–121, 124–126
- Coordination, 14, 29–30, 41, 228, 261, 311
 - capacity, 14
 - multilevel, 54
 - tools in MC, 228–233
- Corridor forum, 132, 136
- Cost-benefit analysis, 130, 289–290

- COVID-19 pandemic, 173, 208–209, 266
- Débat public*, 58–59
- Decision-making process, 59, 223
- Decisionmakers, 11–12
- Deforestation on Legislative Agenda, 101–102
- DelRio Law, 227
- Democracy, 303–304
- Democratic institutions, 304
- Democratic regimes, 303–304
- Department for International Development (DFID), 249–250
- Deprivation, 32
- Development and Territorial Management Plans (PDOT), 171
- Dilma's Veto and environment policy field victory, 99–100
- Divergence
 - of administrative agencies' strategies, 299–301
 - of interests and values, 296–299
 - non-zero-sum conflicts, 298–301
 - wickedness, 301–302
 - zero-sum conflicts, 296, 298–300
- Do No Significant Harm (DNHS), 51–52
- Ebro Delta Problem, 189–192
- Economic, Social and Environmental Council (CESE), 208
- Economic growth, 2, 102–103
- Ecuadorian Amazon, 164, 168, 171
- Ecuadorian environmental authority, 169
- Education, 144
- Education Law, 149–150
- Emergence, 167–168, 171, 173
- Energy policy, 54
- Energy transition, 50
- Entropic search, 90–91
- Environment activism, 93
- Environment policy, 99–100
- Environment preservation, 93–94, 102–103
- Environmental Public Policy in Bolsonaro Era, 100–101
- European Atomic Energy Community (EURATOM), 52
- European Coordinator, 131
- European Union (EU), 121, 153
 - Green Deal, 261
- European Water Framework Directive (WFD), 184
- Experimental governance, 28–29
- Feedback, 167–168, 173, 175
- Finland, 28, 31
- Finnish Constitution, 34
- Florence metropolitan context, 228
- Food and Agriculture Organization (FAO), 174
- Foreign, Commonwealth and Development Office (FCDO), 250
- Foreign Affairs Committee in the House of Commons, 249–250
- Foreign Commonwealth Office (FCO), 249–250
- Forest Code Debate in Brazil, 97–99
 - and Partial Victory for Agribusiness, 96–97
- Foucauldian theory of power, 124–125
- Framing of media and legislative topics, 93–94
- France, 52, 57, 59, 63, 80–81, 122, 124–126, 129–130, 132, 135–136, 202, 207, 214–215, 284
- French Citizens Convention for Climate (CCC), 202, 297
 - case study, 208–212
 - citizens, weekends, and propositions, 208–209
 - context, modalities, and results, 208–209

- experience and wicked dimension of
 cocreation process, 212–213
- explanatory factors of CCC's
 failure, 213–215
- findings, 210–212
- happened with proposals, 209
- methodology, 209–210
- from wicked problems to
 wickedization of problems
 and solutions, 203–207
- French Napoleonic model, 227
- Gas flaring, 70–71
 - APG flaring in Iran, 73–82
 - policy instruments and strategies,
 83–84
 - theoretical framework and
 methodology, 71–73
- Gender equality, 2, 103, 268–269
- Germany, 55–57
- Global Environmental Fund (GEF),
 170
- Globalization, 260–261
- Goal divergence, 289
- Gorleben Treck, 55
- Gorleben-moratorium, 56
- Governance, 154
 - capacity, 41, 43, 122, 310
 - readiness, 14, 245–246, 249
- Governments, 262
 - capacities, 307–308
 - experts, 91
 - programs, 34–35
- Green Climate Fund (GCF), 170
- Green Deal*, 121
- Greenhouse gas emissions (GHG
 emissions), 153, 164
- Greenpeace, 98–99
- Gross domestic product (GDP), 100,
 193, 228
- Harmonization, 261
 - policy, 261
 - strategies, 268
- HEEL. (The term “HEEL” not cited in
 the text)
- High-level nuclear waste (HLW), 19,
 50
 - Germany, 55–57
 - Italy and timing of inaction, 60–61
 - taxonomy regulation and debate on
 nuclear power and nuclear
 waste, 50–52
 - technocracy to deliberation, 57–59
- High-Level Radioactive Waste
 (HLW), 295
 - as wicked policy problem, 52–55
- Human-Environmental-Economic-
 Ethics-Local (HEEEL), 3
- Implementation failures, 144
- Inclusive coherence, 224
- Inclusive preschool education, 147–152
- Income-based AROP threshold, 35
- Indicator approach, 266–269
 - multilevel nexus governance and
 integrative policy strategy,
 267
 - SDG nexus as conflictive regime,
 269
- Infrastructure policy, 122
- Innovative capacities, 310–312
- Institute for Biodiversity Conservation
 (ICMBio), 100
- Institutional capacity, 307–308
- Institutional development, 171–173
- Institutional frameworks, 4, 284–285
- Institutionalization, 261, 267, 270
 - improving nexus regimes in absence
 of, 269–272
- Integrated Review, The, 243, 248–249,
 293
- Integration, 262, 269
 - process, 262
 - strategies, 266–269
- Integrative policy capacity, 271
- Intergovernmental Panel on Climate
 Change (IPCC), 202
- Interinstitutional Committee for
 Sustainable Palm
 Production (CISPS), 173
- Internal coherence, 224, 234–235

- International Energy Agency, 144
- Intertwingularity, 287
- Iran, 70–71
- Iran and Libya Sanctions Act (ILSA), 74, 80–81
- Iran oil industry, 73–75
- Iranian Central Oil Fields Company (ICOFC), 74
- Iranian Offshore Oil Company (IOOC), 74
- Islamic Revolutionary Guard Corps (IRGC), 75
- Italian local government system, MCs in, 226–233
- Italy, 60–61
- Itla Children's foundation, 30

- Joint Comprehensive Plan of Action (JCPOA), 80–81
- Joint Research Centre (JRC), 51
- Jurisdictional approaches (JAs), 164
 - deforestation in Ecuadorian Amazon and emergence of PROAmazonia, 168–171
 - methodology, 19–20
 - policy capacities and management of complexity, 171–176
 - wicked problems, complexity, and policy capacity, 165–168
- Justification theory, 124–126

- Lands of well-being, 230, 232
- Latvia, 144
 - SGD in, 144–147
 - typology of problems, 146
- Latvian Sustainable Development Strategy 2030, 144–145, 147, 152
- Legislative Agenda, 91–92
- Legislative instruments, 284–285
- Legitimacy, 95–96, 166–167, 194, 198, 207, 216, 309
- Linear capabilities, 305–306
- Linear capacities, 305–306, 309, 312
 - analytical, operational, and political capacity, 308–309
 - institutional, governmental, technical, and planning capacities, 307–308
- Local engagement, 224–225
- Localization, 176, 221, 313
- Loi Bataille*, 58
- Long-term policy planning, 226
- Lower Saxony, 55
- Lyon-Turin high-speed railway (LT), 120–122

- Mainstreaming strategies, 268–269
- Media Agenda, 92
- Media framing, 10, 19, 89, 91, 94–95, 104–105, 293
- Megaprojects, 120
 - wickedness, 121–124
- Memorandum Agreement, 194
- Meta-nexus, 273
- Metropolitan administrations, 227
- Metropolitan Agenda for Sustainable Development, 232
- Metropolitan Cities (MCs), 220
 - in Italian local government system, 226–233
 - tools for planning and coordination in, 228–233
- Metropolitan City of Florence (MCF), 220–221
- Metropolitan Conference, 227
- Metropolitan Council, 227
- Metropolitan goals, 232–233
- Metropolitan Mayor, 227
- Metropolitan Renaissance, 230
- Metropolitan strategic/structural plan (PSM), 227, 229, 232
- Millennium Development Goals (MDGs), 2, 28, 271
- Ministry of Agriculture (MAPA), 92
- Ministry of Agriculture and Livestock (MAGAP), 170
- Ministry of Education, 149–150
- Ministry of Environment (MMA), 92
- Ministry of Environment, Water and Ecological Transition (MAATE), 169

- Ministry of Local Governance and Modernisation, 267
- Ministry of Petroleum, 73–74
- Monitoring Committee, 300–301
- Multilevel governance (MLG), 197–198, 223
- Multilevel service delivery, 43
- Multi-sectoral approach, 265
- Multi-stakeholder partnerships, 205

- National Civil Defense Plan, 153
- National Development Plan of Latvia, 149
- National Federation of Irrigation Communities (FENACORE), 188
- National Hydrological Plan (NHP), 189
- National institutions' openness or closure to civil society stakeholders, 126–130
- National Iranian Oil Company (NIOC), 73–74
- National Iranian South Oil Company (NISOC), 74
- National Planning Policy Framework, 253–254
- National security, 262–263
- National Water Plan (NWP), 192–193
- Natural gas liquids (NGL), 75–76
- Neoinstitutionalism, 124–125
- Neologisms, 310–311
- Network governance, 242–243, 246, 252, 299
- Networked supply chains, 232
- New Water Culture Foundation (FNCA), 187–188
- Newspaper coverage, 92
- Newtonian approach, 20, 286, 305
- Newtonian logic, 286, 288
- Nexus
 - between complexity and policy coherence, 242–243
 - critical capacities needed for integration, 271
 - policy domains, 266
 - problems of nexus governance, 260–261
 - regimes in absence of institutionalization, 269–272
- Nongovernmental organizations (NGOs), 45, 98
- Nonlinear capacities, 305, 309, 312
 - governance capacity and readiness, 310
 - innovative capacities, 310–312
- Nonlinearity, 167–168, 173, 175, 286
- Non-zero sum games, 306
- Not-invented-here (NIH), 207
- Nuclear energy generation, 51
- Nuclear power, 19, 50, 52
- Nuclear waste, 50–52

- Open decision-making systems, 120–121, 310–311
- Operational capacity, 13–14, 93, 166–167, 213–214, 226, 308–309
- Organization for Economic Cooperation and Development (OECD), 35, 203–204, 221
- Organizational complexity, 32
- Osservatorio Torino-Lione* (OTL), 130

- “Parties” concept, 289
- Path dependence, 167–168, 175–176, 292
- Performance capacity, 13, 15, 17, 305
- Performance management systems (PMSs), 125

- Pesticides
 - on Legislative Agenda, 104
 - use, 102–103
- Place-based approach, 224
- Planning, 228
 - capacity, 226, 307–308
 - tools for planning in MC, 228–233
- Policy actions, 185–186, 222–223, 260–261
- Policy actors, 10, 176, 242–243, 290
- Policy analysis, 34, 289–290

- Policy choices, 42
- Policy coherence, 224, 234–235, 244, 246, 262
 - ideas, 248–249
 - institutions, 249–251
 - interests, 251–252
 - nexus between complexity and, 242–243
 - of SDGs Agenda in UK Context, 247–252
 - SDGs and need for policy coherence/integration, 260–261
- Policy Coherence for Development (PCD), 223
- Policy coherence for sustainable development (PCSD), 223, 247
- Policy design, 3, 143, 299, 312
- Policy harmonization, 261, 311
- Policy implementation, 28, 144–145, 228
- Policy integration, 262
 - concerns, 226
 - process, 244–245
- Policy intervention, 44
- Policy mainstreaming, 268–269
- Policy nexus
 - SDGs, super-wicked problems, and policy capacity, 272–273
 - SDGs and, 263–265
 - sustainability and need for integration in, 260–261
- Policy response, 32
- Policy subsystems, 262, 267
- Policy tools, 244–245, 253
- Policymakers, 2–3, 16, 33, 89–90, 312
- Policymaking in complex world, 31–33
- Political capacity, 13–14, 93, 166–167, 202–203, 206–207, 213–214, 245, 308–309
- Political conflict, theoretical
 - framework for, 288–290
- Political decision, 210
- Political decision-makers, 202–203, 207
- Political pluralism, 32, 297–298
- Politicians, 145–146, 207, 307
- “Postpositivist” argumentative, 289–290
- Poverty measurement, 32, 293
- Preference-based reinforcement, 10
- Pretextual dialog, 297
- Prime Minister’s Office (PMO), 29
- Private and foreign companies, 74
- PROAmazonia program (PPA), 19–20, 164, 292, 294, 300
 - emergence, 168–171
- Procedural complexity and inadequacy, 292–294
- Public administration, 15, 198, 287–288
- Public organizations, 15, 71–72, 136–137, 273
- Public policies, 4, 31–32, 207, 305
- Quasi federalist, 227
- Quasi-private companies, 74
- Rational model, 288
 - of decision-making, 289–290
- Readiness
 - lack of, 213–215
 - matter of, 206–207
- REDD+ Action Plan, 170–171
- Regime complexes, 260
- Relative poverty, 32
- Representational coherence, 224
- Restructuring, 17
- Risk assessment, 289–290
- Roundtable on Sustainable Palm Oil (RSPO), 173
- Ruralist caucus, 93
- Safe environment, 232
- Safety of Nuclear Waste Management (BASE), 51–52, 56
- Scientific Committee on Health, Environmental and Emerging Risks (SCHEER), 52
- Scientific uncertainty, 32
- Self-organization, 287–288

- Simplicity, 287
- Single Programming Document (DUP), 233
- Social assistance payments, 35
- Social complexity, 288
- Social conflict, theoretical framework for, 288–290
- Social Insurance Institution of Finland (KELA), 30
- Social policies and family, 233
- Social rights, 233
- Social Security Organisation (SSO), 75
- SOGIN, 60–61
- Spanish political sphere, 184–185
- Stakeholders, 29, 89–90
- State Audit Office, 146–147
- State capacity, 89–90, 92–93
 - data, 91–94
 - method, 94–95
 - results, 95–104
- Stock capacity, 15–16, 305
- Strategic management, 124, 138
- Strategic planning, 229–230
- Structural conflict, 288, 296, 298
- Structural/systemic complexity, 121, 123, 165, 168, 287, 291, 294, 296, 302
 - concept, 286
 - due to conflict, 296–302
 - divergence of administrative agencies' strategies, 299–301
 - divergence of interests and values, 296–299
 - ideas, 248–249
 - institutions, 249–251
 - interests, 251–252
 - nexus between policy coherence and, 242–243
 - procedural complexity and inadequacy, 292–294
 - of SDGs Agenda in UK Context, 247–252
 - structural/systemic complexity, 294–296
 - due to technical reasons, 291–296
 - theoretical framework on, 286–288
 - typology of, 290–291
- Subnational engagement, 224–225
- Subsystems, 290
- “Super-wicked” problems, 72, 260–261
- Supranational intensity of supervision and control, 130–132
- Susa Valley, 122
- Sustainability, 3, 52, 184, 220–221, 224, 284
 - capacity, 12–13
 - capacity and design of sustainability policies, 11–18
 - capacity of designing sustainability development policies, 17–18
 - decisionmakers, 11–12
 - and need for integration in policy nexus, 260–261
 - policy capacity for solving wicked problems, 13–16
 - problems of nexus governance, 260–261
- Sustainable cities, 221
- Sustainable development (SD), 3–4, 204, 220, 243
 - analytic framework for governing, 282–285
 - framework of capacities looking at, 302–304
 - high-level political forum on, 234–235
 - local solutions for, 223–226
 - localization, 221–223
 - measuring coherence for, 234–235
 - policies, 282–283, 305
 - wicked nature of, 285–291
- Sustainable Development Goal 1 (SDG1), 30–31
- Sustainable Development Goal 7 (SDG7), 19, 50, 70
- Sustainable Development Goal 9 (SDG9), 120
- Sustainable Development Goal 17 (SDG17), 282
- Sustainable Development Goals (SDGs), 28, 31, 70, 89–90,

- 120, 143, 147, 152, 164, 202, 220, 243, 261
- adaptation, 28–30
- case study on climate change policy, 152–156
- conceptual framework for
 - analyzing, 243–246
- continuing problems with, 265–266
- goals, 42, 71, 156–157
- ideas, institutions, and interests
 - dealing with picked policy problems, 245
- improving nexus regimes in absence of institutionalization, 269–272
- indicator approach, 266, 269, 273
- institutionalization, 203–205
- in Latvia, 144–147
- as learning framework in context of child poverty, 36–43
- localization, 220
- managerial and organizational response, 205–206
- and need for policy coherence/integration, 260–261
- nexus as conflictive regime, 269
- policy coherence and complexity of, 247–252
- and policy nexus governance, 263–265
- process and stakeholders, 149, 151–152, 156
- super-wicked problems, and need for greater policy capacity, 272–273
- sustainability and need for integration in policy nexus, 260–261
- targets, 28, 221
- wickedization, 205
- wickedness of inclusive preschool education policy, 152
- Sustainable practices, 90, 94
- Sustainable systems, 173–175
- Systematic thinking, 269–270
- Systemic approach, 287–288
- Systemic complexity, 293–294, 296
- Tajo-Segura Water Transfer (TSWT), 192–197
- TAPPICO, 75
- Taxonomy regulation, 50–52
- Technical capacities, 307–308
- Technical Expert Group (TEG), 50–51, 292–293
- Technical path dependency, 292
- Technocracy to deliberation, 57–59
- Technology regulation, 262–263
- Territorial developments, 229
- Textual statistics methods, 209–210
- Traditional consensus-building techniques, 300
- Trans-European Transport Network (TEN-T), 122, 135
- Treaty of Maastricht, 135
- Uncertainty, 19, 121, 123
- United Kingdom (UK)
 - Government Department in charge, 249–250
 - Government’s policy, 249
 - Integrated Review, 243, 247–248
 - policy coherence and complexity of SDGs Agenda in, 247–252
- United Nations (UN), 120
 - 2023 Agenda, 2–4, 20, 220–221, 223, 233, 261–262, 282–283
 - Conference on Environment and Development, 204
 - High Commissioner for Refugees, 270
 - Stockholm Conference of 1972, 3
- United Nations Development Programme (UNDP), 170
- United Nations Framework Convention on Climate Change (COP), 204
- Universal accessibility, 230
- Urban sustainable mobility plan (PUMS), 229
- Voluntary coordination, 268

- Voluntary Local Review (VLR),
234–235
- Water planning, 20, 184
 actors in, 187–189
 dimensions of water planning as a
 wicked problem, 185–187
 in Spanish inter-regional Basins, 292
 water use, regional interests, feelings
 of identity, and basin unity,
 189–197
- Welfare state, 44
- Wickedization, 202–203, 207
- Wickedness, 28, 36, 41, 89–90,
 164–165, 168, 204–205,
 212–213, 242, 245, 291,
 301–302, 313
 capacity for managing, 302–303
 cocreation and political capacity to
 innovate, 206–207
 cocreation, 205–206
 conflicts and coherence, 223–226
 dimensions of water planning as,
 185–187
 framework in public policy, 5–11
 framing, 33–34
 governing, 242–243
 hyper-comprehensive concept, 5–6
 institutionalization of SDGs,
 203–205
 localizing SD, 221–223
 MCs in Italian local government
 system, 226–233
 measuring coherence for SD,
 234–235
 political nature, 9–11
 societal problems, 7–9
 tame to, 203–205
 technicalities, interests, and values,
 6–7
- Wicked policy, 19, 121–122, 157, 216,
 242
- Zero-sum games, 291, 299