

Cambridge University Press
978-1-107-06869-8 - Transnational Climate Change Governance
Harriet Bulkeley, Liliana B. Andonova, Michele M. Betsill, Daniel Compagnon, Thomas Hale, Matthew J. Hoffmann,
Peter Newell, Matthew Paterson, Charles Roger and Stacy D. Vandeveer
Index
More information

Index

practices of authority, 137 accountancy, 56, 66 private TCCG initiatives and, 181 advanced liberal government, 56, 66, 170 Africa, 16, 36, 123-24, 125, 130n4, 144 relationship with legitimacy and, 136-38 disproportionate focus on forest initiatives in, 52 reorganization of state power, 55-56, 66, 73, 87 agency-based theoretical lens, 39, 40-42, 61, 179, Weber's typology of, 136 181, 184 on actors and emergence of transnational governance, Bäckstrand, Karin, 82, 85 42-45 Bali Plan of Action (2007), 9 concord and, 141 bandwagoning, 101 consensus and, 140 Basel Committee on Banking Supervision, 2 consent and, 138 BioCarbon Fund, 96, 132 dominant issues in TCCG and, 114 biodiversity, 52, 107 on energy initiatives, 92 bio-environmentalist discourse, 149, 153, 154n10, 156 on impact of TCCG on governance, 42-45, 114, BP, 12 164–66, 170 BRICSAM countries, 57, 58, 85, 122, 126-27, 144, infrastructure initiatives and, 99 146, 180 legitimacy and authority and, 46, 137, 149, 150 Bringing Transnational Relations Back In (Risseprivate initiatives and, 71, 72 Kappen), 6 public initiatives and, 84 Business Environmental Leadership Council, 91 TCCG effectiveness on climate change and, 171-72 uneven geographies and participation in TCCG and, C40, 2, 20t2.1, 51, 76, 83, 92, 106-7, 171, 45-46, 120, 125-27, 132 172-73, 190 analytical eclecticism, 40, 60, 72, 120-21, 179 waste and low carbon initiatives and, 98 Andonova, Liliana, 14, 21 capitalism, 54-55, 169 AREED, 76, 78 carbon control, 100 Argentina, 129 Carbon Disclosure Project, 163 Arrhenius, Svante, 8 carbon finance, 30, 106 Asia, 16, 36, 117, 123-24, 125, 126, 127, 129 Carbon Finance Assist Program, 106 Asian Cities Climate Change Resilience Network, 173 Carbon Finance Capacity Building (CFCB), 76, 106 Asia-Pacific Emissions Trading Forum, 94, 122 Carbon Fix, 93, 96 Asia-Pacific Partnership on Clean Development and carbon management, 110 Climate (APP), 75, 78, 82, 91, 129 carbon market initiatives, 29-31, 93-95, 108, 156, assemblages, 170 176, 183 authority, 2, 12, 16, 23, 33–35, 52, 58–59, 134–36, carbon markets, 90, 106, 114, 115, 169n. 3, 174, 185. 153-57, 179, 183 See also Clean Development Mechanism (CDM) as achieved rather than as given condition, 16 accounting tools and, 56 concord and, 141-42 Carbon Trade Watch and, 72, 94-95 consensus and, 139-41, 157 compliance versus voluntary, 72 consent and, 137-39 critical literature on, 59n5 formal and informal institutionalized ties and, market dominant initiatives and, 103-4 142-48, 157 Carbon Reduction Action Groups. See CRAGs fragmentation of governing authority, 49 carbon sequestration and forest initiatives, 29-31, 96-97, 115 Greenhouse Gas Protocol and, 51 hybrid governance initiatives and, 181 Carbon Sequestration Leadership Forum (CSLF), 81, in multilateral climate governance, 134 82, 154

207

Cambridge University Press

978-1-107-06869-8 - Transnational Climate Change Governance

Harriet Bulkeley, Liliana B. Andonova, Michele M. Betsill, Daniel Compagnon, Thomas Hale, Matthew J. Hoffmann, Peter Newell, Matthew Paterson, Charles Roger and Stacy D. Vandeveer

More information

208 Index

Carbon Trade Watch, 72, 94-95, 96, 99, 104, 141, 156, 168, 174 CDP, 143-44, 157, 169, 172, 175 certified emission reductions (CERs), 128 Chicago Climate Exchange (CCX), 2, 94, 95, 103 Cisco, 27, 105, 106 Cities Climate Leadership Group. See C40 Cities for Climate Protection (CCP), 2, 63, 91, 160, 163, 172-73 city networks, 51, 59, 64, 76, 82-83, 91, 104-7, 141, 169n. 2 formal recognition by UNFCCC and, 176 Clapp, Jennifer, 149 Clean Development Mechanism (CDM), 57, 103, 127, 174, 176. See also carbon markets; greenhouse gas emissions initiatives established in response to, 93-94 PCF and, 76 Climate Alliance, 172 climate change, 65-67. See also TCCG contribution of TCCG analysis to research on, 181-83 definition of in three core ways, 114 emergence of as problem, 8-10, 91, 172 as governed beyond the state, 10, 11 in popular discourse, 9 rise of transnational governance and, 11, 62-65 TCCG effects and effectiveness on, 158, 170-76 transformation in governance of, 1, 7-11 Climate Change and Biodiversity Alliance (CCBA), 93-94 Climate Disclosure Standards Board, 157, 172 climate finance, 27, 80, 106, 121, 128, 132 Climate Group, 92, 96, 98, 109, 155, 169n. 3, 172, 174-75 consensus in, 141 Smart 2020 Initiative of, 106 climate initiatives (all-purpose), 107-9, 115, 154 Climate Positive, 106 climate regime complex, 62, 176 Climate Registry, 173, 176 Climate Savers (WWF initiative), 68, 71, 92, 171 transport initiatives and, 98 Climate Wise, 174 Climate, Community and Biodiversity Alliance (CCBA), 104 Clinton Climate Initiative, 78, 96, 105 cluster analysis, 15, 89, 101-3, 102n2. See also TCCG dominant issues lack of statistical associations around initiatives, 112 command and control public climate governance, 115 community-based initiatives, 154, 168. See also Transition Towns movement complex interdependence, 6 concord, 137, 141-42, 157 Connected Urban Development Program (CUD), 27, 106-7, 172 consensus, 58, 137, 139-41, 151, 157, 181 consent, 137-39, 157, 181 Coordinación Ecológica Área Metropolitana Sociedad

corporate actors, 10, 12, 71, 77, 98, 175, 184 NGO collaboration and, 71, 157, 183 CRAGs, 51, 91, 92 CRed. 110 critical political theory lens, 39, 40, 53-55, 61, 179, 181, 183, 185 cluster analysis of dominant issues of TCCG and, 114 concord and, 141 consensus and, 140-41 consent and, 139 emergence of TCCG and, 55-56 on energy initiatives, 93 impact and effects of TCCG and, 59 impact of TCCG on climate change and, 174-76 impact of TCCG on governance and, 167-70 infrastructure initiatives and, 100 legitimacy and authority and, 58-59, 149 NGO-corporate collaboration and, 71 on public TCCG initiatives, 84 uneven geographies and participation in TCCG and, 56-58, 120, 127-29, 132 delegation, 42, 44, 75, 150, 169, 179, 182 democracy, 149 Designated National Authority (DNA), 128 Development Grant Facility, 77 diplomacy, 51 direct governance, 77 Discipline and Punish (Foucault), 59 Emissions Trading Scheme (EU ETS), 64 Energie-Cités, 64, 82, 106 Energy Efficiency Building Retrofit Program, 106 energy initiatives, 29-31, 90-93, 115 energy and development initiatives, 106, 109-112, 115 as hybrid governance initiatives, 78-80 energy security, 87, 184 entrepreneurship, 50, 74-76, 77 environmental discourses, 149 environmental governance, 68 contribution of TCCG analysis to, 184-86 environmental non-governmental organizations (ENGOs), 77, 112, 139, 174 environmental privilege hypothesis, 125 Environmental Protection Agency, 173

fields of visibility, 54
foreign direct investment (FDI), 127
Forest Stewardship Council, 2, 50, 71, 171, 173
forests and forest initiatives, 90, 96–97, 107, 115, 130n4, 165
disproportionate focus on in Africa and Latin America, 52
Land use, Land use Change and Forestry (LULUCF), 165
Foucault, Michel, 53, 54, 59, 120, 141, 169, 170

EU Emission Trading System (ETS), 104

Europe, 123-24, 126

expertise, 149, 152-54, 157

Global Anti-Incinerator Alliance (GAIA n.d.), 99 Global Canopy, 97 Global Climate Coalition, 126

121, 155

del Estado (CEAMSE), 129

Copenhagen Conference of the Parties (2009), 9, 64,

Cambridge University Press

978-1-107-06869-8 - Transnational Climate Change Governance

Harriet Bulkeley, Liliana B. Andonova, Michele M. Betsill, Daniel Compagnon, Thomas Hale, Matthew J. Hoffmann, Peter Newell, Matthew Paterson, Charles Roger and Stacy D. Vandeveer

More information

Index 209

global climate governance complex, 169, 176	waste sector initiatives, 98-99
Global Environmental Facility, 162	water sector initiatives, 99
Global Methane Initiative (GMI), 32, 32n. 6, 51, 73,	institutionalist discourse, 149, 153n9, 183
128–29, 132, 142, 165, 169n. 3, 183	institutionalization, 33–35, 145n2, 181
Global South and BRICSAM countries actors and, 122	authority claims through formal and informal ties
waste and low carbon initiatives and, 98	and, 142–48, 157
Global North, 16, 58, 74. See also uneven geographies	of market dominant and subnational dominant
and participation in TCCG	initiatives, 113
Global South, 69, 122n3, 178	of public TCCG initiatives, 85
disenfranchisement and marginalization of in TCCG	intergovernmental organizations (IGOs), 3
participation, 119–20	Intergovernmental Panel on Climate Change (IPCC),
GHG emissions and TCCG uneveness, 117–18	9, 63
public TCCG initiatives and, 85–87	International Council for Local Environmental
Global Sustainable Electricity Partnership, 111	Initiatives. See ICLEI International Council of Scientific Union's (ICSU), 8
globalization, 49, 56, 85 Gold Standard (WWF initiative), 68, 71, 93–94, 95,	
169n. 1, 173	International Emissions Trading Association. See IETA International Geophysical Year (IGY) project (1957–
governance, 11–14. See also TCCG; transnational	1958), 8, 62
governance	International Leadership Alliance for Climate Stability
as steering or conduct of actors, 12, 18	(ILA), 154
governance experiments, 11, 49, 50, 77	International Leadership Alliance for Climate
governance gaps, 45, 46, 73, 99, 163, 164, 170, 179	Stabilization (ILA), 111
governmentality, 53, 54, 58, 141	International Negotiating Committee for a Framework
Green Belt Movement, 96	Convention on Climate Change (INC), 8
Green Climate Fund, 80	international organizations (IOs), 74–77
Green Exchange, 95	investments, 56, 59, 113, 183
green growth, 100, 105	Investor Network on Climate Risk, 174
Green Power Market Development Group (GPDMG),	isomorphism, 50, 71, 80, 88, 183
78, 111, 152	-
Green, Jessica, 51	Johannesburg Renewable Energy Coalition (JREC),
greenhouse gas emissions, 8, 10, 49, 63, 90, 97, 109,	78, 81
117–18	Johannesburg World Summit on Sustainable
corporate emissions and, 71	Development (2002), 21, 77, 107, 161
energy initiative dominance and, 91	
evaluation of TCCG and, 159–61	Keohane, Robert, 6
focus on reduction of in international climate	Kyoto Protocol (1997), 8, 10, 24, 93, 163, 185
governance, 79, 90, 183	debates of form of international governance
greenhouse gas effect theory, 8	architecture replacing, 182
industrialized countries and, 64	EU implementation of, 64
public initiatives and, 86	flexibility mechanisms of as new TCCG space, 64
transport sector and, 98 in utilities sector, 103	as source of instability, 49 transnational initiatives prior and after, 63, 68
Greenhouse Gas Protocol, 51, 73, 94, 109, 157	transnational initiatives prior and arter, 63, 68
greenwashing, 161, 170, 174, 175	Land use, Land-use Change and Forestry
greenwashing, 101, 170, 174, 175	(LULUCF), 165
Hajer, Maarten, 136	Latin America, 16, 117, 123–24, 125, 126, 127, 129
HSBC Partnership, 96	disproportionate focus on forest initiatives in, 52
hybrid governance initiatives, 26, 72–74, 125, 144, 157,	legitimacy, 2, 12, 16, 23, 33–35, 52, 58–59, 134–36,
180, 181	153–57, 179
actors in, 74–77	as achieved rather than a given conditions, 16
generalist nature of, 30	actors claims to, 149–52
hybridization of governance authority and, 87	consensus and, 139–41
issue areas emerging in, 78–80	consent and, 137–39
organizational normative contexts in, 77–78	five sources of, 150
	Greenhouse Gas Protocol and, 51, 157
ICLEI, 63, 76, 84, 160, 163, 172, 173	input vs. output, 136n1
IETA, 94, 104, 156, 165	legitimating actions and, 152–53
INCR, 92	market liberal and institutionalist discourse and,
information sharing, 21–23, 69, 113	149, 153
infrastructure initiatives, 29–31, 87, 90, 97–100, 106,	modes of legitimation, 137
114, 115	in multilateral climate governance, 134, 156
economic development and, 100	relationship with authority and, 136–38
public TCCG and, 86	urgency and learning and, 152, 152n7, 153, 154
transport sector initiatives, 97–98	Weber's typology of, 134

Cambridge University Press 978-1-107-06869-8 - Transnational Climate Change Governance Harriet Bulkeley, Liliana B. Andonova, Michele M. Betsill, Daniel Compagnon, Thomas Hale, Matthew J. Hoffmann, Peter Newell, Matthew Paterson, Charles Roger and Stacy D. Vandeveer

More information

210 Index

Leverhulme Transnational Climate Change Governance network (2008-2010), 14, 18 liberal environmentalism, 51, 168 $logic\ of\ appropriateness,\,41,\,45,\,47,\,52,\,138$ low carbon urban development, 98, 106, 107, 114, 115

Major Economies Meeting on Energy Security and Climate Change, 81 Marine Stewardship Council, 2, 71, 171 market dominant initiatives, 103-4, 112, 115

governance functions in, 113

market liberal discourse, 149, 153, 153n9, 156, 183 marketisation of climate governance, 61, 65, 78-80, 115. See also carbon markets; critical political

theory lens; neoliberalism McDonalds, 173

Merrill Lynch, 97 Mexico, 129

Middle East and Northern Africa (MENA), 123-24, 125

multilateral governance system, 49, 64, 84, 163, 164, 170, 179, 182, 184

legitimacy and authority and, 134, 156

neoliberalism, 53-56, 58, 95, 168, 179, 181 neoliberal governance, 65-67, 71, 72, 170

Network of Regional Governments for Sustainable Development (nrg4SD), 98, 99, 107, 122

NGOs, 6, 10, 71, 126, 139, 174, 175, 184 anti-CDM initiatives established by, 93 corporate collaboration and, 71, 157, 183

hybrid initiatives and, 77 non-state actors, 5, 7, 13, 25n. 4, 35, 39, 72, 73, 74, 180, 181

climate change solutions by, 156 in environmental governance, 68 North America, 123-24, 126

Nye, Joseph, 6

Oceania, 123-24, 125 orchestration, 44, 55, 75, 169, 182 organizational fields, 50, 140, 183

path dependencies, 49n4, 114, 179, 181 policy without a polity, 134

Portland, Oregon, 92 Power and Interdependence (Keohane and Nye), 6 private actors, 7, 11, 36, 67, 70, 78

consultation with public actors and, 82

voluntary standards for carbon markets, 78 private TCCG initiatives, 26, 77, 87, 126, 180, 185

actors in, 68-69, 184

governance functions and, 69, 144 main issue areas of, 30

norms and incentives in, 69-72

soft regulation and authority as consent and, 181 uneven geographies of TCCG and, 36, 181

Prototype Carbon Fund (PCF), 27, 76, 80, 151

public actors, 7, 11, 67 consultation with private actors and, 82

public TCCG initiatives, 26, 81, 85, 126 actors in, 81-83

agency-based theoretical lens on, 84

critical political theory lens on, 84 main issue areas of, 30 organizational and normative context of, 83-85 social and system dynamics lens on, 84 public-private partnerships (PPPs), 66, 74-77, 181

rational choice, 41, 43, 171 Red Cross/Red Crescent, 28 REDD, 80, 81, 96, 165

Reducing Emissions from Deforestation and Forest Degradation in Developing Countries. See REDD

REEEP, 28, 73, 76, 78, 91, 98, 165, 169, 183

regime complexes, 3, 64, 176, 182

Regional Greenhouse Gas Initiative (RGGI), 103

regulatory instruments, 69 REN 21, 75, 76, 78

Renewable Energy Network. *See* REN 21 RGGI, 93–94, 95, 96, 163, 169

Risse-Kappen, Thomas, 6

Roundtable on Sustainable Biofuels, 169

Second World Climate Conference, 10 Single European Act of 1986, 84 SlimCity initiative, 98 Small Grant Program, 162

Smart 2020 Initiative, 106

social and system dynamics lens, 39, 40, 42n2, 61, 179, 181, 183, 185

cluster analysis of dominant issues of TCCG, 50-52, 114

consensus and, 140

consent and, 138

emergence and diffusion of TCCG initiatives and,

impact of TCCG on climate change and, 172-74 impact of TCCG on climate governance and,

166-67, 170 legitimacy and authority and, 52, 149 public TCCG initiatives and, 84

uneven participation in TCCG and, 50–52, 120

Social Carbon, 93–94, 165

BRICSAM countries actors in, 122

social green discourse, 149, 153, 154n10, 155, 156 Star-Kist, 173

subnational dominant initiatives, 51, 81, 82, 84, 85, 104-7, 115

governance functions in, 113

Sustainable Infrastructure Finance (SIF) Network, 106

TCCG. See also TCCG initiatives

climate change as three core definitions and, 114 climate change in context of, 7-11

contribution to transnational climate governance research by, 1-4, 179-83

creation of new governance spaces and, 50, 101-2, 164-67

diverse theoretical lenses for study of, 15, 38-40, 38n1, 59, 120-21

emergence of through agency-based lens, 42-45 emergence of through critical political theory lens, 55-56

Cambridge University Press

978-1-107-06869-8 - Transnational Climate Change Governance

Harriet Bulkeley, Liliana B. Andonova, Michele M. Betsill, Daniel Compagnon, Thomas Hale, Matthew J. Hoffmann, Peter Newell, Matthew Paterson, Charles Roger and Stacy D. Vandeveer

More information

Index 211

energy initiatives as hybrid governance initiatives,

transnational initiatives prior to, 63 Union of Baltic Cities, 98, 99, 106

78 - 80

emergence of through social and system dynamics contribution to environmental governance research lens, 48-50 by, 184-86 governance in context of, 11-14 counter-hegemonic initiatives, 155, 168, 169, 183 institutionalization types and conferring of legitimacy diverse theoretical lenses for study of, 38-40 governance functions in, 27–29, 35, 185 and authority, 36 modes of legitimation and practices of authority interconnections between, 105, 169, 177 in, 142 lack of transnational activism initiatives, 100-1, 183 parallel trends in epistemic collaboration and modes of legimating actions and, 152-53 intergovernmental institutions and, 62-65, 87 modes of legitimacy through political ideology, 149 modes of legitimatizing claims by actors, 149-52 publicness of, 12 transnationalist context of, 5–7 practices of authority and modes of legitimacy analysis, 153-57 UNFCCC and Kyoto Protocol and, 63-64 vs. standard multilateral model of climate practices of authority through formal and informal governance, 3, 4, 11, 134 institutionalized ties, 33-35, 142-48, 157 TCCG database, 24, 130n4, 147n3 rescaling of climate politics and creating new spheres analysis and coding criteria, 19-24, 23n1 of authority by, 52, 166, 167, 172 contribution of to transnational research, 17-18, shift toward a more complex governance landscape 35-37, 178-79 and, 65-67 governance functions in, 21-23 techno-centric logic, 92, 182 initiative inclusion criteria, 18-19 technological innovation, 106, 114, 169 institutionalization types and conferring of legitimacy Toronto Conference (1988), 62 Transition Towns movement, 27, 84, 91, 92, 143, 156, and authority, 33-35 legitimacy coding of, 23, 148, 150, 152 168, 169, 174 transnational climate change governance. See TCCG limitations of design in, 24, 35 transnational governance, 11-14 uneven geographical participation and, 23, 31-33 TCCG dominant issues, 15, 29–31, 36, 56–58, 69, contribution of TCCG analysis to, 179-82 89-90, 183. See also carbon market initiatives; divergent views on, 2 growth of transnational initiatives by period, 63 carbon sequestration and forest initiatives: energy initiatives; infrastructure initiatives hybrid governance and, 72 all purpose climate initiatives, 107-9, 154 lack of comprehensive research on in traditional carbon markets as market dominant initiatives, methodological approach to, 17 103-4 publicness of, 12 creation of new governance spaces and, 50, 101-2, as single phenomenon vs. diverse theoretical 164-67 approach to study of, 38-40 energy and development initiatives, 109-112 three common features of, 14 governance functions in subnational and market transnationalism and, 5-7 dominant initiatives, 113 transport sector initiatives, 97-98 lack of statistical associations in cluster analysis of, 112 UK, 27, 90, 91, 94, 120n1 lack of transnational activism initiatives, 100-1 UNEP. See United Nations Environment Programme pre-existing governance context and norms as (UNEP) shaping, 115-16, 180 uneven geographies and participation in TCCG, 16, subnational dominant initiatives, 104-7 23, 31-33, 36, 117, 118, 121, 125-29, 130n4, TCCG effects and effectiveness, 16, 157, 158, 163-70, 178-81 agency-based lens on, 45-46, 120, 125-27, 132 182, 185 agency-based lens on, 46, 164-66, 171-72 contribution of study of to transnational governance catalytic impact beyond transnational arena and, 44, research, 119 173, 174, 176 critical political theory lens on, 56-58, 120, on climate change, 170-76 127-29, 132 critical political theory lens on, 59, 167-70, 174-76 disenfranchisement and marginalization of Global problems in evaluating, 37, 159-63, 185 South and, 119-20 rescaling of climate politics and creating new spheres forest initiatives and, 96-97 of authority by, 173 geographic patterns and issue clusters and, 130-32 social and system dynamics lens on, 52, 166-67, 170, North-South divide and, 122, 184 172 - 74private TCCG initiatives and, 181 TCCG initiatives, 30n. 5, 68, 87-88, 120n1. See also regional differences and, 123-24 hybrid governance initiatives; private TCCG social and system dynamics lens on, 51-52, 120 initiatives; public TCCG initiatives; TCCG UNFCCC, 8, 30, 63-64, 162, 182, 185 database; TCCG dominant issues; uneven city network recognition by, 176

geographies and participation in TCCG

community-based initiatives, 154, 168

169, 180, 183

actors involved in establishing, 24-29, 35, 67, 167,



Cambridge University Press
978-1-107-06869-8 - Transnational Climate Change Governance
Harriet Bulkeley, Liliana B. Andonova, Michele M. Betsill, Daniel Compagnon, Thomas Hale, Matthew J. Hoffmann,
Peter Newell, Matthew Paterson, Charles Roger and Stacy D. Vandeveer
Index
More information

212

United Nations, 77
Resolution 43/53 and, 8
UN Fund for International Partnerships
(UNFIP), 77
UN Global Compact, 77
United Nations Environment Programme (UNEP), 75, 76
United Nations Framework Convention on Climate Change. See UNFCCC
United States, 75, 94, 120n1, 173, 176

Kyoto Protocol withdrawal of, 10, 49, 68

Villach (Austria) scientific conferences (1985 and 1987), 8, 62
Voluntary Carbon Standard (VCS), 25n. 4, 93–94, 104, 108, 165, 173
voluntary certification schemes, 171
voluntary corporate regulations, 71

waste sector initiatives, 98–99, 128 Water Disclosure Project, 169 water sector initiatives, 99

Index

Weber, Max, 134 Western Climate Initiative, 51, 94, 169, 176 World Bank, 27, 75–76 Carbon Finance Assist Program, 106 carbon offset certification, 173 Climate Finance partnerships, 2, 75, 80 Development Grant Facility of, 77 Prototype Carbon Fund, 76 World Business Council for Sustainable Development (WBCSD), 94, 109 World Climate Conference (1979), 8 World Conference on the Changing Atmosphere (1988), 8World Economic Forum (WEF), 109 SlimCity initiative of, 98 World Health Organization (WHO), 77 World Resources Institute (WRI), 68, 109, 174 World Summit on Sustainable Development partnerships, 161 World Wildlife Fund (WWF), 68. See also Climate Savers (WWF initiative); Gold Standard (WWF

initiative)