ENVIRONMENTAL JUSTICE: LEGAL THEORY AND PRACTICE

5TH EDITION

by

Barry E. Hill

ENVIRONMENTAL LAW INSTITUTE

Washington, D.C.

TEACHERS WHO ADOPT THIS COURSEBOOK MAY OBTAIN ACCESS TO THE TEACHERS' MANUAL BY CONTACTING ORDERS@ELI.ORG OR 1-800-433-5120.

Copyright © 2009, 2012, 2014, 2018, 2022 Environmental Law Institute 1730 M Street NW, Suite 700, Washington, DC 20036

All rights reserved. No part of this work may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying and recording, or by any information storage or retrieval system, without permission in writing from the copyright holder.

Published February 2009. Second Edition published May 2012.
Third Edition published November 2014. Fourth Edition published February 2018.
Fifth Edition published October 2022.

A poem about environmental injustice

Flint matters! Flint is not like a piece of lint to be brushed off our clothing. It is a city where real people are horribly suffering.

Just an hour away from Detroit, which is my hometown. When I think about Flint's water, my face begins to frown.

How long has the water been polluted with lead? How many people will get sick, or end up dead?

It's no accident that this has happened in Flint.
Powerful people decided how the money was spent.

Dr. King would say, "Environmental injustice anywhere is a threat to environmental justice everywhere."

I say, environmental racism is another form of brutality, In mostly black areas where there's pain and poverty.

To some extent, this happens in every poor urban setting, If it hasn't happened where you live, consider that a blessing.

The following truth must be understood, There's no contaminated water in rich neighborhoods ...

No children whose development has been stunted, Because some leaders' responsibility was punted.

Some see this as a political football, Not a national evil that should be confronted by all.

Some leaders are selling us out, So they can obtain status or clout.

Please be reminded of what happened in Michigan, Next time you get some water from your own kitchen.

Lord, show us how to help the folks in Flint, Through a visit or some water that needs to be sent.

Flint matters! Flint is not like a piece of lint to be brushed off our clothing. It is a city where real people are horribly suffering.¹

—The Rev. Joel A. Bowman Sr. Founder and Senior Pastor Temple of Faith Baptist Church Louisville 40215 This textbook/handbook is dedicated to my parents, James Henry and Cecelia Naomi Hill, who instilled in their seven children the importance of obtaining a quality education, and to my mentor, retired D.C. Court of Appeals Judge Inez Smith Reid, who inspired me to expand my horizons as a student, lawyer, and teacher.

Barry E. Hill

Annotated Table of Contents

Detail	ed Table of Contents	vii
Table	of Cases	xxi
Biogra	ıphy	xxiii
Ackno	owledgments	xxiv
Introd	luction	1
Chapt	er 1 — Prologue	25
1.1	Overview	25
Chapt	er 2 — Human Right to a Clean and Healthful Environment	41
2.1	Overview	41
2.2	Rights-Based Approach to Enforce the Human Right to a Clean and Healthful Environment	42
Chapt	er 3 — Defining the Problem	181
3.1	Overview: Who Bears the Burden?	181
3.2	Social, Health, Environmental, and Economic "Facts"	186
3.3	Zoning and Land Use Laws	364
Chapt	er 4 — Growth of the Environmental Justice Movement: Organizing the Grassroots and Community Empowerment	471
4.1	Overview	471
4.2	The Grassroots Environmental Justice Movement	471
4.3	Organizing the Grassroots	502
4.4	Tactics	522
Chapt	er 5 — Addressing the Problem: The Legislative Branches	613
5.1	Overview	613
5.2	Federal Legislation	617
5.3	State Legislation	647
5.4	Local Legislation	702
Chapt	er 6 — Addressing the Problem: The Executive Branches	719
6.1	Overview	719
6.2	Federal Government	719
6.3	States	820
Chapt	er 7 — Addressing the Problem: The Judicial Branches	851
7.1	Overview	851
7.2	The Anti-Discriminatory Law Approach	856
7.3	The Title VI Approach	953

7.4	The Environmental Law, With a Twist Approach	1081
Chapte	er 8 — Addressing the Problem: The Private Bar and Corporate America	1525
8.1	Overview	1525
8.2	Private Bar	1525
8.3	Corporate America	1598
Chapte	er 9 — Epilogue	1655
9.1	Overview	1655
Index		1665

Detailed Table of Contents

Table of Cases		xxi
Biography		xxiii
Acknowledgments.		xxiv
Introduction		1
Chapter 1 — Prolo	ogue	25
1.1 Overview		25
power p ill. Thou	ticle, "The Coal Plant Next Door: Near America's largest coal-fired lant, toxins are showing up in drinking water and people have fallen usands of pages of internal documents show how one giant energy y plans to avoid the cleanup costs"	25
Chapter 2 — Hum	an Right to a Clean and Healthful Environment	41
2.1 Overview		41
	Approach to Enforce the Human Right to a Clean and Healthful	42
2.2.1 Rights-B	Based Approach at the International Level and in the United States	42
	l Article, "Human Rights and the Environment: A Synopsis and Some dictions"	43
	ssville Environmental Action Now Petition Against the United States vernment	56
	ponse of the United States Government Regarding the Mossville vironmental Action Now Petition	63
	ing of the Inter-American Commission on Human Rights Regarding Mossville Environmental Action Now Petition	66
	lton Article, "Legitimate and necessary: adjudicating human rights lations related to activities causing environmental risk or harm"	73
	tlett Article, "Human Rights Guidance for Environmental Justice orneys"	80
2.2.2 Environ	mental Rights Amendments	84
2.2.2.1 Pen	nsylvania	88
2.2.2.1.1	Eagle Environmental II, Ltd. Partnership v. Commonwealth of Pennsylvania	88
2.2.2.1.2	Robinson Township, Washington County, PA et al. v. Commonwealth of Pennsylvania et al	
2.2.2.2 Hav	waii	108
2.2.2.2.1	In re 'Īao Ground Water Mgmt. Area High-Level Source Water Use Permit Applications & Petition	108
2.2.2.2.2	In re Maui Elec. Co.	113
2.2.2.3 Hil	l Article, "Bending the Arc Toward Justice"	119

2.2.3 Hum	an Rights and Climate Change Litigation	124
2.2.3.1	International	124
2.2.3.1	.1 Urgenda Foundation v. State of the Netherlands	124
2.2.3.2	United States	143
2.2.3.2	.1 Kelsey Cascadia Rose Juliana et al. v. United States of America et al. (District Court of Oregon)	143
2.2.3.2	.2 Kelsey Cascadia Rose Juliana et al. v. United States of America et al. (Court of Appeals Decision)	160
2.2.3.2	.3 Held v. Montana	165
2.2.3.3	Cho Article, "Why Climate Change is an Environmental Justice Issue"	176
Chapter 3 — D	efining the Problem	181
3.1 Overview	: Who Bears the Burden?	181
	Article, "Something to sing about: Shingle Mountain, a giant pile of tion, finally gone"	181
•	Tealth, Environmental, and Economic "Facts"	
	g Decisions	
	General Accounting Office Report, "Siting of Hazardous Waste Landfills	100
•	and Their Correlation With Racial and Economic Status of Surrounding Communities" (1983)	186
]	UCC Report, "Toxic Wastes and Race in the United States: A National Report on the Racial and Socio-Economic Characteristics of Communities With Hazardous Waste Sites" (1987)	190
	University of Massachusetts Study, "Environmental Equity: The Demographics of Dumping" (1994)	196
(UCC Report Revisited, "Toxic Wastes and Race Revisited—An Update of the 1987 Report on the Racial and Socioeconomic Characteristics of Communities With Hazardous Waste Sites" (1994)	201
(UCC Report at Twenty, "Toxic Wastes and Race at Twenty: 1987-2007 Grassroots Struggles to Dismantle Environmental Racism in the United States" (2007)	204
	Downey Study, "Race, Income, and Environmental Inequality in the United States" (2008)	209
3.2.1.7	Mohai Study, "Environmental Justice" (2009)	220
]	Chakraborty Meta-Analysis Study, "Disproportionate Proximity to Environmental Health Hazards: Methods, Models, and Measurement" (2011)	224
	Vickery Study, "Native Americans: Where in Environmental Justice Research?" (2016)	230
3.2.1.10	Mikati Study, "Disparities in Distribution of Particulate Matter Emission Sources by Race and Poverty Status" (2018)	

Table of Contents Page ix

3.2.1.11		al-ethnic disparities in air pollution exposure" (2019)	.244
	al E	nforcement of Environmental Laws and Equal Cleanup of Hazardous	
	Nat	rional Law Journal Report, "Unequal Protection: The Racial Divide in	
3.2.2.2	Kue	chn Article, "Remedying the Unequal Enforcement of Environmental vs"	
3.2.2.3	Dar	na Article, "After Flint: Environmental Justice As Equal Protection"	.261
3.2.3 Hea	lth I	mpacts	.265
3.2.3.1	of A	chman Study, "Fumes Across the Fenceline - The Health Impacts Air Pollution from Oil and Gas Facilities on African American mmunities"	.266
3.2.3.2		ghadi Study, "The Presence of Superfund sites as a detriment of life ectancy in the United States"	.268
3.2.3.3		dry Article, "Connecting Environmental Justice and Community alth: Effects of Hog Production in North Carolina"	.271
3.2.3.4	Flin	ıt, Michigan	.274
3.2.3.	4.1	Hill Article, "Human Rights, Environmental Justice, and Climate Change: Flint, Michigan"	.276
3.2.3.	4.2	City of Flint Water System Update With Questions & Answers	.281
3.2.3.	4.3	U.S. EPA Internal Memorandum on High Lead Levels in Flint, Michigan	.284
3.2.3.	4.4	U.S. EPA Inspector General Report, "Drinking Water Contamination in Flint, Michigan, Demonstrates a Need to Clarify EPA Authority to Issue Emergency Orders to Protect the Public"	.286
3.2.3.	4.5	Melissa Mays et al. v. Snyder et al. (Complaint; Michigan Court of Claims Opinion and Order; Court of Appeals of Michigan Opinion; and the Supreme Court of Michigan Opinion)	.292
3.2.3.	4.6	Flint Residents' Federal Constitutional Right to Bodily Integrity	
3.2.3.		Flint Settlement	
3.2.3.5	Eas	t Chicago, Indiana	.337
3.2.3.	5.1	LeRithea Rolan et al. v. Atlantic Richfield Company et al. (Complaint; and District Court Opinion and Order)	.337
3.2.4 Tox	ic To	orts	.347
3.2.4.1		nnon et al. v. City of New York (Complaint and Settlement reement)	.349
3.2.4.2	_	nson et al. v. Orleans Parish School Board et al	
	-	arte et al. v. United States Metals Refinery Co. et al	
3.3 Zoning	and	Land Use Laws	.363

3.3		e Relationship of Zoning and Land Use Decisions to Environmental	364
;	3.3.1.1	Wilson Study, "How Planning and Zoning Contribute to Inequitable Development, Neighborhood Health, and Environmental Injustice"	365
:	3.3.1.2	Baptista Report, "Local Policies for Environmental Justice: A National Scan"	368
:	3.3.1.3	In re South Bronx Unite! et al. v. New York City Industrial Development Agency et al.	375
;	3.3.1.4	Taliaferro et al. v. Darby Township Zoning Board et al	384
:	3.3.1.5	Applied Energy System—Puerto Rico, L.P. v. Marcelo Trujillo-Panisse et al. (Opinion and Order)	387
3.3	.2 Hyc	fraulic Fracturing	402
:	3.3.2.1	EPA Report, "Hydraulic Fracturing for Oil and Gas: Impacts From the Hydraulic Fracturing Water Cycle on Drinking Water Resources in the United States"	403
	3.3.2.2	Fracking Issues/Concerns in California	
		Romo v. Edmund G. Brown et al. (Complaint; Defendant's Demurrer; Opposition to Defendant's Demurrer; Superior Court Judgment; Plaintiff-Appellant's Opening Brief; Respondent's Brief; and Plaintiff-Appellant's Reply Brief; California Court of Appeal Decision)	
;	3 3 2 4	Pawnee Nation of Oklahoma v. Eagle Road Oil, LLC et al. (Complaint)	
		Sierra Club v. Chesapeake Operating, LLC	
		as for Addressing Issues in Sacrifice Zones	
		Growth of the Environmental Justice Movement: Organizing the	
		ots and Community Empowerment	471
4.1	Overvie	w	471
4.2	The Gra	assroots Environmental Justice Movement	471
4.2	.1 Gra	ssroots Activism	475
	4.2.1.1	Renkl Article, "How to Fight the Poison of Environmental Racism"	486
	4.2.1.2	Austin Article, "Black, Brown, Poor, and Poisoned: Minority Grassroots Environmentalism and the Quest for Eco-Justice"	487
	4.2.1.3	Stoll Article, "Religion and African American Environmental Activism"	494
	4.2.1.4	Perreault Article, "Environmental Injustice in the Onondaga Lake Waterscape, New York State, USA"	499
4.3	Organiz	ing the Grassroots	502
4.3	.1 Cor	nmunity Organizing and Community Empowerment	502
4	4.3.1.1	Lopez Article, "Community Organizers not Activists: Responding to the Social and Environmental Justice Movement"	502
	4.3.1.2	Grist/New School Article, "7 Simple ways to make environmental change in your community: Want to make change happen in your community? Here's how"	508

Table of Contents Page xi

	4.3.1.3		ane Environmental Law Clinic, "My Guide to Environmental tection"	.510
	4.3.1.4	Firs	t National People of Color Environmental Leadership Summit	.515
	4.3.1.5		ith Article, "Environmental Justice, Community Empowerment and the e of Lawyers in Post-Katrina New Orleans"	.516
	4.3.1.6	EPA	A Region 1's Community Outreach Program	.520
4.4	Tactics			.522
4	.4.1 Lou	isian	a—A Hotbed of Community Activism and Community Organizing	.523
	4.4.1.1	Wal	llace, Louisiana	.524
	4.4.1.	1.1	Summary of May 1991 Formosa Plastics Draft Environmental Statement	.525
	4.4.1.	1.2	Marcus Article, "As Jobs Come Calling, The Now-Wary Unite"	.526
	4.4.1.	1.3	Marcus Article, "A Town Loses Jobs, Then Celebrates"	.528
	4.4.1.2	St.	James Parish, Louisiana	.529
	4.4.1.	2.1	King Article, "Judge rebukes La. regulators for approving chemical plant"	.530
	4.4.1.	2.2	Rise St. James et al. v. La. Dep't of Envtl. Quality et al	.531
	4.4.1.	2.3	Mitchell Article, "Judge tosses lawsuit over permit for \$9.4 billion Formosa plastic complex; here's what's next"	.531
	4.4.1.	2.4	Center for Biological Diversity, et al., v. U.S. Army Corps of Engineers, et al	.533
	4.4.1.	2.5	Mufson Article, "Huge plastics plant faces calls for environmental justice, stiff economic headwinds"	.535
	4.4.1.3	Cla	iborne Parish, Louisiana	.538
	4.4.1.	3.1	In the Matter of Louisiana Energy Services, L.P. (Atomic Safety and Licensing Board)	.539
	4.4.1.	3.2	In the Matter of Louisiana Energy Service, L.P. (U.S. Nuclear Regulatory Commission)	.541
	4.4.1.	3.3	Nuclear Regulatory Commission, "Policy Statement on the Treatment of Environmental Justice Matters in NRC Regulatory and Licensing Matters"	.544
	4.4.1.	3.4	Jantz Article, "Environmental Racism with a Faint Green Glow"	.549
4	.4.2 Neg	otiat	ion	.554
	4.4.2.1		e Consensus Building Institute's Study, "Using Dispute Resolution hniques to Address Environmental Justice Concerns — Case Studies"	.554
	4.4.2.2	Nei	ghbors for a Toxic Free Community et al. v. Vulcan Materials Co	.556
	4.4.2.	2.1	The Consensus Building Institute, Vulcan Materials Company Mediation Case Study	.559
	4.4.2.3	Litt	ele Village Environmental Justice Organization Negotiation Case Study	.561
	4.4.2.4	WE	ACT for Environmental Justice Negotiation Case Study	.563

4.4.2.5	Environmental Law Institute's Study, "A Community Guide to Using Alternative Dispute Resolution to Secure Environmental Justice"	564
4.4.3 Coll	laborative Problem-Solving	571
4.4.3.1	U.S. EPA, "The ReGenesis Redevelopment Partnership Project"	575
4.4.3.2	MDB, Inc., Article, "Project Called International Model for Environmental Justice and Revitalization"	587
4.4.4 Citi	zen Participation	589
4.4.4.1	Environmental Health Coalition Case Study	590
4.4.4.	1.1 CEC Decision for the Chula Vista Energy Upgrade Project	591
4.4.4.2	Communities for a Better Environment, Community Environmental Council, Center for Biological Diversity, and Earthjustice Public	
	Comment Letter	
	Addressing the Problem: The Legislative Branches	
	w	613
	Article, "Time Has Come Today for Environmental and Climate Justice islation"	614
C	Legislation	
	he Absence of Specific Environmental Justice Legislation	
5.2.1.1		
5.2.1.2	Lazarus Article, "Integrating Environmental Justice Into EPA Permitting Authority"	
5.2.1.3	EPA General Counsel's Memorandum, "EPA Statutory and Regulatory Authorities Under Which Environmental Justice Issues May Be Addressed in Permitting"	
5.2.1.4	EPA Administrator Whitman's Memorandum, "EPA's Commitment to Environmental Justice"	630
5.2.1.5	EPA General Counsel's Guidance, "EJ Legal Tools"	
5.2.1.6	Environmental Law Institute, "A Citizen's Guide to Using Federal Environmental Laws to Secure Environmental Justice"	638
5.2.1.7	Kaswan Article, "Environmental Justice and Environmental Law"	643
5.2.1.8	Tigue Article, "Will 2021 Be the Year for Environmental Justice Legislation? States Are Already Leading the Way"	645
5.3 State Le	gislation	647
5.3.1 A P	otpourri of Legislative Initiatives	647
5.3.1.1	Arkansas' Compensation Program for Siting Solid Waste Facilities Law	647
5.3.1.2	Louisiana's Environmental Justice Fact-Finding Hearings Law	651
5.3.1.3	Georgia's Anti-Concentration Law for Solid Waste Facilities	653
5 3 1 4	Kentucky's Hazardous Waste Permits Law	655

Table of Contents Page xiii

	5.3.1.5	Alabama's Anti-Concentration Hazardous Waste Law	656
	5.3.1.6	Delaware's Community Involvement Advisory Council Law	658
	5.3.1.7	Connecticut's Environmental Justice Communities Law	660
	5.3.1.8	Rhode Island's Environmental Remediation and Public Participation Law	667
	5.3.1.9	New York's Power Act and the Implementing Regulations Related to the	
		Siting of Power Plants	668
	5.3.1.10	New York's Environmental Justice Law	670
	5.3.1.11	New Jersey's Environmental Justice Law	675
	5.3.1.12	2 Illinois' Commission on Environmental Justice Law	680
	5.3.1.13	Oregon's Environmental Justice Task Force Law	682
	5.3.1.14	Virginia's Environmental Justice Law	683
	5.3.1.15	Massachusetts's Climate Change and Environmental Justice Law	684
	5.3.1.16	California's Environmental Justice Laws	691
5.4	Local Lo	egislation	702
5.	.4.1 Nev	v York City	702
	5.4.1.1	Bill 886: The Environmental Justice Policy Bill (Local Law 64)	702
	5.4.1.2	Bill 359: The Environmental Justice Study Bill (Local Law 60)	705
5.	.4.2 Plar	nning for Healthy Communities in California	707
	5.4.2.1	Senate Bill 1000	709
5	.4.3 San	Francisco	710
	5.4.3.1	Statement of the Chairman of the San Francisco Bay Conservation and Development Commission Regarding Approval of the Environmental Justice and Social Equity Bay Plan Amendment	710
	5.4.3.2	San Francisco Bay Conservation and Development Commission's "Environmental Justice and Social Equity Bay Plan Amendment Fact Sheet"	711
	5.4.3.3	San Francisco Bay Conservation and Development Commission's "Applying the Environmental Justice Policies in BCDC's Permitting"	
Chapte	er 6 — <i>A</i>	Addressing the Problem: The Executive Branches	719
6.1	Overvie	w	719
6.2	Federal	Government	719
6	.2.1 Earl	y EPA Experience	719
6	.2.2 Pres	idential Action	722
	Part Or	ne – President Clinton	722
	6.2.2.1	Background	724
	6.2.2.2	Federal Agency Responsibilities Under the Order	724
	6.2.2.3	Federal Agency Responsibilities Under the Presidential Memorandum	727
	Part Tw	o – President Obama	731

6.2.2.4	Federal Agencies' Environmental Justice Memorandum of Understanding731
Part Th	rree – President Biden
6.2.2.5	Biden's Amendment of Executive Order 12898
6.2.2.6	Chemnick Article, "How Biden's Environmental Justice Order Might Work"747
6.2.2.7	Hill Blog, "An Amended Environmental Justice Executive Order Is Not The Answer"
6.2.2.8	Bisgaeir Article, "The Call for Environmental Justice Legislation: An Annotated Bibliography"
6.2.2.9	Cho Article, "A Guide to the Biden Administration's All-of-Government Approach to Environmental Justice"
6.2.3 EPA	A Administrators' Environmental Justice Policy Statements
6.2.3.1	EPA Administrator Johnson's Memorandum, "Reaffirming the U.S. Environmental Protection Agency's Commitment to Environmental Justice," and the Chief Financial Officer's Supplemental Guidance
6.2.3.2	EPA Administrator Jackson's Memorandum, "Our Top Priorities," and the FY 2011-2015 Strategic Plan Regarding Environmental Justice and Children's Health
6.2.3.3	EPA Administrator Jackson's Message and EPA's FY 2011-2015 Strategic Plan: Working for Environmental Justice and Children's Health
6.2.3.4	EPA Administrator McCarthy's Memorandum, "EPA's Themes—Meeting the Challenge Ahead"
6.2.3.5	EPA Administrator Pruitt's Decision Regarding the Office of Environmental Justice
6.2.3	5.1 Broadus Article, "Pruitt makes his mark on environmental justice"770
6.2.3	.5.2 Outka Article, "Reversing Course on Environmental Justice Under the Trump Administration"
6.2.3.6	EPA Administrator Regan's Memorandum on Environmental Justice778
5.2.4 EPA	A's Enforcement/Compliance Policy and Environmental Justice779
6.2.4.1	The Use of Race in EPA's Environmental Decisionmaking Processes779
6.2.4.2	National Environmental Justice Advisory Council Report on Enforcement and Compliance Assurance Roundtable Meetings
6.2.4.3	U.S. Government Accountability Office Report, "Environmental Protection: Action Needed to Ensure EPA's Enforcement and Compliance Activities Support Its Strategic Goals"
6.2.4.4	EPA's Acting Assistant Administrator's Memorandum to Office of Enforcement and Compliance Assurance Staff and Regional Counsels Regarding Enforcement and Environmental Justice
6.2.4.5	Brugger Article, "Internal EPA memo urges agents to up inspections"790
6.2.5 EPA	A's Tools for Incorporating Environmental Justice Into Agency Programs792
6.2.5.1	EPA's "Toolkit for Assessing Potential Allegations of Environmental Injustice"

Table of Contents Page xv

6.2.5.2 EPA's Environmental Justice Geographic Assessment Tool (EJSCREEN)796
6.2.5.3 EPA's "EJ 2020 Action Agenda"
6.2.6 EPA's EAB Decisions Implementing Executive Order 12898
6.2.6.1 In re Chemical Waste Management of Indiana, Inc
6.2.6.2 In re Envotech, Ltd. Partnership, Milan, Michigan
6.2.6.3 In re Knauf Fiber Glass, GmbH817
6.3 States
6.3.1 New Mexico's Environmental Justice Executive Order
6.3.2 New Jersey's Environmental Justice Executive Orders
6.3.3 Maryland's Environmental Justice Executive Order
6.3.4 Michigan's Environmental Justice Executive Directive and Executive Order831
6.3.5 Oregon's Environmental Justice Executive Order
6.3.6 Massachusetts's Environmental Justice Executive Order
Chapter 7 — Addressing the Problem: The Judicial Branches
7.1 Overview851
7.2 The Anti-Discriminatory Law Approach
7.2.1 Formulation of the Equal Protection Doctrine—Proving Intent856
7.2.1.1 Souther v. The Commonwealth
7.2.1.2 Yick Wo v. Hopkins
7.2.1.3 Village of Arlington Heights v. Metropolitan Housing Development Corp868
7.2.2 Using the Equal Protection Doctrine in Environmental Justice Litigation888
7.2.2.1 Bean v. Southwestern Waste Management Corp
7.2.2.2 Darensburg 192 v. Metropolitan Transportation Commission892
7.2.2.3 East-Bibb Twiggs Neighborhood Ass'n v. Macon-Bibb County Planning & Zoning Commission
7.2.2.4 R.I.S.E., Inc. v. Kay et al
7.2.2.5 Miller et al. v. City of Dallas (Defendants' Motion for Summary Judgment; Plaintiffs' Brief in Opposition to the Motion for Summary Judgment; and the District Court Decision)
7.2.2.6 Elizondo et al. v. Royal Metal Finishing, Inc. (Complaint; Defendants' Motion to Remove to Federal Court; and the District Court Decision)928
7.2.2.7 Washington Park Lead Committee, Inc. v. U.S. Environmental Protection Agency et al. (District Court Decision; and Consent Decree)941
7.2.2.8 Ball et al. v. Union Carbide Corp
7.3 The Title VI Approach
7.3.1 Challenges to State Agency Decisionmaking
7.3.1.1 U.S. EPA's Administrative Complaint Process Under §602954

	Iministrative Complaint Involving Shintech, Inc. and the Louisiana epartment of Environmental Quality957
7.3.1.2.1	
7.3.1.2.2	
7.3.1.2.3	Rule XX. Limited Participation of Law Students in Trial Work967
7.3.1.2.4	Houck Article, "Shintech: Environmental Justice at Ground Zero"972
	S. EPA's Failure to Process Administrative Complaints in a Timely fanner in Accordance With Agency Regulations
7.3.1.3.1	Rosemere Neighborhood Association v. U.S. Environmental Protection Agency (9th Cir.)
7.3.1.3.2	Rosemere Neighborhood Association v. U.S. Environmental Protection Agency (W.D. Wash.)987
7.3.1.3.3	Rosemere Neighborhood Association v. U.S. Environmental Protection Agency (Settlement Agreement)
7.3.1.3.4	Padres Hacia Una Vida Mejor et al. v. U.S. Environmental Protection Agency et al
7.3.1.3.5	Evaluation of U.S. EPA's Office of Civil Rights—Final Report994
7.3.1.3.6	U.S. EPA's Civil Rights Executive Committee Final Report997
7.3.1.3.7	U.S. EPA's Orders
7.3.1.3.8	U.S. Commission on Civil Rights Statutory Enforcement Report on EPA's Title VI Efforts1006
7.3.1.3.9	U.S. EPA's Finding of Disparate Discrimination Involving Genesee Power Station and the Michigan Department of Environmental Quality
7.3.1.3.1	O Californians For Renewable Energy et al. v. United States Environmental Protection Agency
7.3.1.3.1	1 U.S. EPA's OIG Report, Improved EPA Oversight of Funding Recipients' Title VI Programs Could Prevent Discrimination1038
7.3.1.3.1	2 Hill Article, "A Tale of Two Sections"
7.3.2 Implied	d Private Right-of-Action Under §6021044
	outh Camden Citizens in Action v. New Jersey Department of nvironmental Protection (D.N.J.)
7.3.2.2 Al	exander v. Sandoval
7.3.3 Implied	d Private Right-of-Action Under §19831072
	outh Camden Citizens in Action v. New Jersey Department of nvironmental Protection (3d Cir.)1072
7.3.4 Intenti	onal Discrimination Under §6011076
	outh Camden Citizens in Action v. New Jersey Department of avironmental Protection (D.N.J.)
	nmental Law, With a Twist Approach1081

	ministrative Complaint Involving Shintech, Inc. and the Louisiana epartment of Environmental Quality957
7.3.1.2.1	Coyle Article, "Governor v. Students in \$700M Plant Case"963
7.3.1.2.2	
7.3.1.2.3	Rule XX. Limited Participation of Law Students in Trial Work967
7.3.1.2.4	Houck Article, "Shintech: Environmental Justice at Ground Zero"972
	S. EPA's Failure to Process Administrative Complaints in a Timely anner in Accordance With Agency Regulations
7.3.1.3.1	Rosemere Neighborhood Association v. U.S. Environmental Protection Agency (9th Cir.)
7.3.1.3.2	Rosemere Neighborhood Association v. U.S. Environmental Protection Agency (W.D. Wash.)987
7.3.1.3.3	Rosemere Neighborhood Association v. U.S. Environmental Protection Agency (Settlement Agreement)
7.3.1.3.4	Padres Hacia Una Vida Mejor et al. v. U.S. Environmental Protection Agency et al990
7.3.1.3.5	Evaluation of U.S. EPA's Office of Civil Rights—Final Report994
7.3.1.3.6	U.S. EPA's Civil Rights Executive Committee Final Report997
7.3.1.3.7	U.S. EPA's Orders
7.3.1.3.8	U.S. Commission on Civil Rights Statutory Enforcement Report on EPA's Title VI Efforts
7.3.1.3.9	U.S. EPA's Finding of Disparate Discrimination Involving Genesee Power Station and the Michigan Department of Environmental Quality
7.3.1.3.10	Californians For Renewable Energy et al. v. United States Environmental Protection Agency
7.3.1.3.1	1 U.S. EPA's OIG Report, Improved EPA Oversight of Funding Recipients' Title VI Programs Could Prevent Discrimination1038
7.3.1.3.1	2 Hill Article, "A Tale of Two Sections"
7.3.2 Implied	Private Right-of-Action Under §602
	uth Camden Citizens in Action v. New Jersey Department of vironmental Protection (D.N.J.)
7.3.2.2 Ale	exander v. Sandoval
7.3.3 Implied	Private Right-of-Action Under §19831072
	uth Camden Citizens in Action v. New Jersey Department of vironmental Protection (3d Cir.)1072
7.3.4 Intention	onal Discrimination Under \$6011076
	uth Camden Citizens in Action v. New Jersey Department of vironmental Protection (D.N.J.)
	nmental Law, With a Twist Approach

Table of Contents Page xvii

7.4.1 Pub	lic Participation in the Environmental Decisionmaking Process1081
7.4.1.1	El Pueblo Para el Aire y Aqua Limpio v. County of Kings (Plaintiff's Brief; and Superior Court Decision)1081
7.4.1.2	In the Matter of the Application of Rhino Environmental Services (Petitioner's Brief-In-Chief on Certiorari, New Mexico Supreme Court's Decision; and Attorney General Legal Opinion)
7.4.1.	2.1 New Mexico Attorney General's Legal Opinion on Rhino Environmental Services
7.4.1.3	United States of America and State of Louisiana v. City of Baton Rouge and Parish of East Baton Rouge (Plaintiff's Complaint in Intervention, Memorandum in Support of Motion to Intervene, and Magistrate Ruling on Motion to Intervene)
7.4.1.4	Rosebud Sioux Tribe v. United States (Opinion and Order; and Settlement Agreement)
7.4.1.5	Tonawanda Seneca Nation v. Genesee County Economic Development Center (Plaintiff's Petition and Complaint)
	ernment Defendants Failing to Comply with Environmental Laws and lementing Regulations1139
7.4.2.1	Holt v. City of Dickson (District Court Decision on Defendant's Motion to Dismiss; Memorandum of Law in Support of the County of Dickson and City of Dickson's Motion for Summary Judgment; Plaintiff's Response to Motion for Summary Judgment; District Court Decision on Motion for Summary Judgment; District Court Decision on Sanctions; and Consent Order)
7.4.2.2	Milwaukee Inner-City Congregations Allied for Hope v. Gottlieb (Plaintiffs' Complaint; Defendants' Brief to Dismiss Count 5 of Complaint; District Court Decision and Order; and Settlement Agreement)
7.4.2.3	Friends of Buckingham et al. v. State Air Pollution Control Bd. (Petitioners' Final Opening Brief; Brief of Respondents; Brief of Intervenor; and Court of Appeals Decision)
7.4.2.4	Youth for Environmental Justice v. City of Los Angeles (Plaintiffs' Appellants Brief; and California's Court of Appeal Decision)
7.4.2.5	Center for Community Action and Environmental Justice v. County of Riverside et al. (Attorney General's Complaint in Intervention; and Consent Judgment)
7.4.2.6	People of the State of California v. City of Fontana et al. (Attorney General's Petition for a Writ of Mandate)
7.4.2.7	Natural Resources Defense Council, Inc. et al. v. South Coast Air Quality Management District (Superior Court Decision)
7.4.2.8	Communities for a Better Environment et al. v. City of Richmond and Chevron Products Company (Court of Appeal Decision; Settlement Agreement; and Case Study)

7.4.2.	8.1 Richmond, California, Case Study: Communities for a Better Environment; Asian Pacific Environmental Network; and West County Toxics Coalition	1316
7.4.2.9	Center for Biological Diversity et al. v. County of San Bernardino and Nursery Products, LLC (Court of Appeals Decision)	
7.4.2.10	Hartford Park Tenants Ass'n v. Rhode Island Department of Environmental Management (Superior Court Decision and Order; and Settlement Agreement)	1328
7.4.2.11	The Hopi Tribe v. The City of Flagstaff (Opinion; and Settlement Agreement)	1336
7.4.2.	11.1 Bergeron Article, "Reclaimed Water: Hope for the Future or Desecration of Hopi Homeland?"	1341
7.4.2.12	Standing Rock Sioux Tribe et al. v. United States Army Corps of Engineers (District Court Decision; Plaintiff-Appellees' Brief; Defendant-Appellant's Brief; Dakota Access Reply Brief; and Court of Appeals Decision)	1343
7.4.2.13	Boerner et al. v. Dept. of Env. Great Lakes and Energy (Circuit Court Decision)	1387
7.4.2.14	Diné Citizens Against Ruining Our Env't et al. v Klein (Amended Complaint and District Court Decision)	1392
7.4.2.15	In re American Marine Rail, Ltd. Liability Co. (Administrative Law Judge Decision)	1418
7.4.2.16	Vecinos Para el Bienestar de la Comunidad Costera, et al., v. Federal Energy Regulatory Commission (Court of Appeals Decision)	1424
	Tendant Companies Failing to Comply With Environmental Laws and blementing Regulations	1431
7.4.3.1	Environment Texas Citizen Lobby, Inc. et al. v. ExxonMobil Corporation et al. (District Court Decision)	1431
7.4.3.2	Community Association for the Restoration of the Environment, Inc. v. Cow Palace, LLC (Plaintiff's Complaint and District Court Opinion)	1438
7.4.3.	2.1 Smith Article, "Cow Pie Policy: The Reasoning of CARE v. Cow Palace Under the Resource Conservation and Recovery Act and Its Implications for Agricultural Manure Management"	1471
7.4.3.3	United States v. Cyprus Amax Minerals Co., et al. (Consent Decree)	1478
7.4.3.4	Nez Perce Tribe v. Midas Gold Corp. (Plaintiff's Complaint; Defendants' Brief in Support a Motion to Dismiss; DOJ's Memorandum in Support of the Motion to Strike and/or Dismiss the Third-Party Complaint; Plaintiff's Opposition to the Motion to Dismiss; and District Court Decision)	1492
Chapter 8 — A	Addressing the Problem: The Private Bar and Corporate America	
•	w	
	Bar	
8.2.1 Am	erican Bar Association	1525

Table of Contents Page xix

	A Resolution on Environmental Justice and Report to the House of egates (1993)
8.2.1.2 Imp	plementation of the 1993 ABA Resolution
8.2.1.2.1	Directory of Pro Bono Legal Services Providers for Environmental Justice
8.2.1.2.2	Gerrard Article, "Private Lawyers and Environmental Justice"
8.2.1.2.3	Quigley Article, "Reflections of Community Organizers: Lawyering for Empowerment of Community Organizations"
8.2.1.2.4	Environmental Law Institute's "Pro Bono Clearinghouse"1553
8.2.1.2.5	ABA Survey of State Legislation, Policies, and Cases
8.2.1.2.6	ABA Survey of State Supplemental Environmental Projects
8.2.1.2.7	U.S. EPA's Supplemental Environmental Projects Policy1562
8.2.1.2.8	Trump's Department of Justice Phased Out SEPs in Environmental Enforcement
8.2.1.2.9	President Biden's Executive Order Reverses Trump Administration's SEP Policy
8.2.1.2.10	Joselow Article, "U.S. Attorney Launches N.Y. Environmental Justice Team"
	A Resolution on Environmental Justice and Report to the House of egates (2021)
8.2.2 State Ba	r Associations
	trict of Columbia Bar Association's Resolution on Environmental cice and Initiatives
8.2.2.1.1	D.C. Bar's "A Citizen's Guide to the District of Columbia's Environmental Laws"
8.2.2.1.2	
	D.C. Bar's Environment, Energy, and Natural Resources Section's E-Mail to Its Members
8.2.2.1.3	<u>.</u>
8.2.2.1.3 8.2.2.1.4	E-Mail to Its Members
	E-Mail to Its Members
8.2.2.1.4 8.2.2.1.5 8.2.2.2 Bos	E-Mail to Its Members
8.2.2.1.4 8.2.2.1.5 8.2.2.2 Bos	E-Mail to Its Members
8.2.2.1.4 8.2.2.1.5 8.2.2.2 Bos Net 8.2.2.2.1	E-Mail to Its Members
8.2.2.1.4 8.2.2.1.5 8.2.2.2 Bos Net 8.2.2.2.1 8.2.2.3 Stat	E-Mail to Its Members
8.2.2.1.4 8.2.2.1.5 8.2.2.2 Bos Net 8.2.2.2.1 8.2.2.3 Stat 8.3 Corporate Ar	E-Mail to Its Members

8.3.1.	2 Covington & Burling's Advice to Corporations Related to Environmental Justice
8.3.1.	Wilson Article, "Companies and Communities as an Effective and Proactive Business Practice"
8.3.1.	4 Thornton Article, "Companies Making Racial Equity Commitments Must Consider Their Environmental Impact on Marginalized Communities"1608
8.3.2 C	ollaborative Problem-Solving: The Experiences of Two Companies1610
8.3.2.	1 Pacific Gas & Electric Company1610
8.3.2.	Waste Management, Inc
8.3.3 Le	exmark International's Environmental and Social Justice Policy1630
	tagonia Works' Approach to Corporate Social and Environmental
8.3.4.	1 Monsma Article, "Equal Rights, Governance, and the Environmental Justice Principles in Corporate Social Responsibility"
8.3.4.	2 Apple Inc., "Environmental Responsibility Report 2019 Progress Report, covering fiscal year 2018"1650
Chapter 9 —	Epilogue
9.1 Overv	iew1655
	erner Article, "The Plant Next Door: A Louisiana Town Plagued by Pollution hows Why Cuts to the EPA Will Be Measured in Illnesses and Deaths"1655
Index	1665

Table of Cases

Applied Energy System—Puerto Rico, L.P. v. Trujillo-Panisse	388
Alexander v. Sandoval	1066
Ball v. Union Carbide Corp.	950
Bean v. Southwestern Waste Management Corp.	889
Boerner v. Department of Environment, Great Lakes and Energy	
Californians for Renewable Energy v. U.S. Environmental Protection Agency	
Center for Biological Diversity v. County of San Bernardino and Nursery Products, LLC	
Center for Biological Diversity v. U.S. Army Corps of Engineers	
Center for Community Action & Environmental Justice v. County of Riverside	
Communities for a Better Environment v. City of Richmond & Chevron Products Co	1296
Community Association for the Restoration of the Environment, Inc. v. Cow Palace, LLC	
Darensburg 192 v. Metropolitan Transportation Commission	
Diné Citizens Against Ruining Our Environment v Klein	
Duarte v. United States Metals Refinery Co.	
Eagle Environmental II Ltd. Partnership v. Commonwealth of Pennsylvania	
East-Bibb Twiggs Neighborhood Ass'n v. Macon-Bibb County Planning & Zoning Commission	
Elizondo v. Royal Metal Finishing, Inc.	
El Pueblo Para el Aire y Aqua Limpio v. County of Kings	
Environment Texas Citizen Lobby, Inc. v. ExxonMobil Corporation	
Friends of Buckingham v. State Air Pollution Control Bd.	
Hartford Park Tenants Ass'n v. Rhode Island Department of Environmental Management	
Held v. Montana	
Holt v. City of Dickson	
Hopi Tribe v. The City of Flagstaff	1336
In re American Marine Rail, LLC	
In re Application of Rhino Environmental Services	
In re Chemical Waste Management of Indiana, Inc.	
In re Chula Vista Energy Upgrade Project	
In re Envotech, Ltd. Partnership	
In re 'Iao Ground Water Mgmt. Area High-Level Source Water Use Permit	
In re Knauf Fiber Glass, GmbH	
In re Louisiana Energy Services, L.P.	39, 541
In re Maui Electric Co.	113
In re South Bronx Unite! v. New York City Industrial Development Agency	376
Johnson v. Orleans Parish School Board	353
Kelsey Cascadia Rose Juliana v. United States.	43, 160
Mays v. Snyder	292
Miller v. City of Dallas	
Milwaukee Inner-City Congregations Allied for Hope v. Gottlieb	
Mossville Environmental Action Now v. United States	
Natural Resources Defense Council, Inc. v. South Coast Air Quality Management District	
Neighbors for a Toxic Free Community v. Vulcan Materials Co.	
Nez Perce Tribe v. Midas Gold Corp	
Nonnon v. City of New York	
Padres Hacia Una Vida Mejor v. U.S. Environmental Protection Agency	
Pawnee Nation of Oklahoma v. Eagle Road Oil, LLC	
People of California v. City of Fontana	
R.I.S.E., Inc. v. Kay	
- \ \ 1	/ 01

Rise St. James v. Lousiana Dep't of Environmental Quality	
Robinson Township v. Commonwealth of Pennsylvania	95
Rolan v. Atlantic Richfield Co.	337
Romo v. Brown	408
Rosebud Sioux Tribe v. United States	1121
Rosemere Neighborhood Association v. U.S. Environmental Protection Agency	983, 987, 988
Sierra Club v. Chesapeake Operating, LLC	
South Camden Citizens in Action v. New Jersey Department of Environmental	
Protection	1049, 1072, 1076
Souther v. The Commonwealth	
Standing Rock Sioux Tribe v. U.S. Army Corps of Engineers	1343
Taliaferro et al. v. Darby Township Zoning Board et al	
Tonawanda Seneca Nation v. Genesee County Economic Development Center	
United States v. City of Baton Rouge & Parish of East Baton Rouge	
United States v. Cyprus Amax Minerals Co.	
Urgenda Foundation v. State of the Netherlands	
Vecinos Para El Bienestar De La Comunidad Costera v. Federal Energy Regulatory Con	
Village of Arlington Heights v. Metropolitan Housing Development Corp	
Washington Park Lead Committee, Inc. v. U.S. Environmental Protection Agency et al.	
Yick Wo v. Hopkins	
Youth for Environmental Justice v. City of Los Angeles	

Biography



Barry E. Hill is a recognized expert on environmental justice and sustainable development issues. Professor Hill is an Adjunct Professor of Law at Vermont Law School, where he has taught an environmental justice and sustainable development course for more than 20 years. He has been a Visiting Scholar at the Environmental Law Institute, an environmental law and policy think-tank in Washington, D.C., since he retired from federal service in March 2015. Professor Hill was Senior Counsel for Environmental Governance, Office of International and Tribal Affairs, .United States Environmental Protection Agency (U.S. EPA) from 2007-2015. Previously, Professor Hill was Director of the U.S. EPA's Office of Environmental Justice from 1998-2007. Prior to that, he was the U.S. Department of the Inte-

rior's Associate Solicitor, Division of Conservation and Wildlife, and the Director, Office of Hearings and Appeals. Prior positions include: Of Counsel to the law firm of Dickstein Shapiro, LLP, where he practiced environmental law; Project Manager of the Superfund Business Unit of ICF International, an international consulting firm; Special Counsel to the Corporation Counsel (now the Attorney General) of the District of Columbia; Legal Counsel to the Inspector General of the U.S. EPA; Law Secretary to the Deputy Administrative Judge of New York City (Criminal Division), and Administrative Judge of the Supreme Court (Manhattan); Clinical Law Professor of the Prisoners' Rights Clinic of the Antioch School of Law; and an Assistant District Attorney in Brooklyn, New York.

Professor Hill has lectured in the Middle East, Africa, South and Central America, and the Caribbean on the following topics: establishing an environmental law and policy framework for national governments; environmental justice and sustainable development; capacity-building training in environmental law for judges, prosecutors, government regulators, citizens, and the bar; citizen involvement in the environmental enforcement process; and the impact of global warming on indigenous populations. In 2011, Professor Hill delivered the Distinguished Lecture for the Trinidad & Tobago Environmental Commission, and the Supreme Court of Trinidad & Tobago.

In 2011, Professor Hill was presented the "Distinguished Alumnus Award" by Brooklyn College of the City University of New York for his "commitment to environmental justice and sustainable development, and pioneering leadership in the field of environmental law and policy in the U.S. and abroad."

In 2001, Professor Hill was presented the "Award for Distinguished Achievement in Environmental Law and Policy" by the American Bar Association for his work—teaching, research, and leadership—in the areas of environmental justice and sustainable development, and environmental law and policy.

Since 1999, Professor Hill has been a Fellow of the American Bar Association's American Bar Foundation in recognition of his professional accomplishments, distinguished service, and commitment to the study of law and legal research.

Professor Hill received his B.A. degree in Political Science from Brooklyn College; M.A. degree in Political Science from Howard University; and a J.D. degree from the Cornell University Law School. In 2012, Professor Hill received an honorary Doctor of Laws degree from California's Thomas Jefferson School of Law, since he "steadfastly fought environmental injustice by taking action to decrease environmental risks and to raise awareness of these issues, and by providing communities with the appropriate tools needed to address serious environmental problems."

Acknowledgments

I will always be thankful to the leadership of the 1954-1968 Civil Rights Movement, which was preceded by the centuries-long campaign by my African American ancestors and their allies to end slavery. They brought honor to the lives destroyed by slavery while celebrating the triumph of the human spirit. I thank them for being great role models for their enduring commitment to fight for the legal, political, and economic changes to prohibit *de jure* segregation and racial discrimination in the United States. I am beholden especially to Representative John Lewis (D-Ga.), the late civil rights icon for his 60-plus years of fearless activism, and the unquestioned "Conscience of Congress." He introduced the Environmental Justice Act of 1992 (H.R. 2105), which was designed for the first time in this Nation's history to address *de facto* racial discrimination in how environmental laws were enforced, and how environmental policy was developed and implemented by the U.S. Environmental Protection Agency and other departments and agencies of the federal government. Although his bill didn't become law, Representative Lewis dutifully reintroduced his bill each year for more than a dozen years thereafter. He immediately saw the interconnection between the majestic Civil Rights Movement, the modern Environmental Movement, and the nascent Environmental Justice Movement.

I owe a tremendous debt of gratitude to the Environmental Justice Movement activists, advocates, and scholars who have inspired my keen interest and work in this area for the last 30-plus years.

I am deeply indebted to the authors and publishers who have granted me permission to reproduce the full manuscripts of their work in this textbook/handbook.

For my students—past, present, and future.

Throughout my efforts on the 5th edition, I have been inspired by the works of writers/activists such as James Baldwin; Malcolm X; Frederick Douglass; Nelson Mandela; W.E.B. Du Bois; Maya Angelou; Amiri Baraka; Octavia Butler; Ralph Ellison; Alex Haley; Langston Hughes; Zora Neale Hurston; Richard Wright; and Toni Morrison. I read excerpts of their works at various times when my research and analytical juices, energy, and spirit appeared to wane during periods of my solitary existence as an author. Indeed, they were writers/activists: I'm more of a chronicler. A chronicler is a person who writes accounts of important or historical events. I'm simply chronicling the Environmental Justice Movement from an environmental law, civil rights law, constitutional law, and a human rights law perspective. Simply stated, I am telling the ever-evolving story of how law can be used to address the environmental and public health problems of people living in sacrifice zones whose lives and legal struggles have been depicted throughout this textbook/handbook. This textbook/handbook explores the issue of environmental justice from the perspectives of social justice, geographic justice, and procedural justice.

In a 1984 interview with *The Paris Review*, the incomparable James Baldwin commented on writing what one sees as an author. He stated:

I don't try to be prophetic, as I don't sit down to write literature. It is simply this: a writer has to take all the risks of putting down what he sees. No one can tell him about that. No one can control that reality. It reminds me of something Pablo Picasso was supposed to have said to Gertrude Stein while he was painting her portrait. Gertrude said, 'I don't look like that.' And Picasso replied, 'You will.' And he was right.

As a chronicler, I've written what I have seen: I'm not at all a prophet as I am the author of a legal, social, and political work of non-fiction.

Moreover, in a 1979 interview published in *The New York Times*, the peerless Baldwin commented on why one writes. He stated:

The bottom line is this. You write in order to change the world, knowing perfectly well that you probably can't, but also knowing that literature is indispensable to the world. In some way, your aspirations and concern for a single man in fact do begin to change the world. The world changes according to the way people see it, and if you alter, even by a millimeter, the way a person looks or people look at reality, then you can change it.

During this period of working on the 5th edition, I was also inspired by the works of clerics/activists such as the Reverend Dr. Martin Luther King Jr.; Bishop Desmond Tutu; and Dr. Benjamin F. Reaves with his thought-provoking book, *Scalpel Moments*. These are people who wanted social, legal, spiritual, and political changes to take place in this world. As a chronicler, I sincerely hope that the worlds of victims of environmental injustice can change for the better, as well as that of the polluters whose deeds have been depicted throughout this textbook/handbook.

I want to acknowledge the contributions of countless lawyers toiling assiduously in the proverbial environmental justice vineyards. They're the ones responsible for the filing of the creative briefs, compelling motions, and effective oral arguments that have been included in this 5th edition, and which helped tremendously in making this edition to be even more of a useful handbook for law students and practitioners.

I gratefully acknowledge the help and encouragement of the team at the Environmental Law Institute (ELI)—specifically, Jay Pendergrass, Rachel Jean-Baptiste, and Bill Straub—for their efforts, support, and advice in publishing this textbook/handbook. I sincerely appreciate Rachel's editing skills and Bill's careful eye in saving me from many embarrassing errors, and, in spite of their help and patience, I am clearly responsible for any mistakes that have nonetheless found their way in the text itself.

I also want to thank ELI's Sharde Slaw, the Summer 2021 environmental justice law clerk, for her timely contribution regarding her research and analysis of the National Environmental Policy Act, the "Magna Carta" of U.S. environmental law. She is a third-year law student at Howard University School of Law.

I want to thank Scott Badenoch who is a prolific legal thinker. It was his idea to include audiolinks to oral arguments before appellate courts, and he recruited Ellis Walton, the Spring 2021 environmental justice law clerk at ELI, who is also a third-year law student at Howard University School of Law, to do the research on the audiolinks as well as briefs and motions on a number of cases. I also thank Scott for leading the effort to develop ELI's platform for expanding *pro bono* legal services for disadvantaged communities, which is discussed in this textbook/handbook.

Special recognition is given to Professor Emily Bergeron, JD, Ph.D. (Assistant Professor at the University of Kentucky, Department of Historic Preservation) for her astute suggestions for this edition and for bringing to my attention various cases that should be added. Emily's prodigious contributions with respect to environmental injustice situations in Indian country and the Teachers' Manual were extremely helpful.

My sincere appreciation is extended to my sister, Sherry Yvonne Hill, whose expert typing skills and patience contributed immensely to the successful completion of this textbook/handbook. With her assistance, I was able to make the deadline for submitting the draft manuscript to Rachel.

Finally, I am eternally grateful to my beloved family and dear friends who helped me more than they could ever imagine for their encouragement, smart counsel, support, and absolutely amazing patience. Thank you all.

And, as reflected in the title of Representative Lewis's final book, *Carry On: Reflections for a New Generation*, that was a clear message to us all of our responsibility to make this world a better place through concerted activism and advocacy.

Be Well; Be Balanced; Be Safe; and Be Happy!!!

Barry E. Hill