

TABLE OF CONTENTS

TABLE OF CONTENTS	4
INTRODUCTION AND OVERVIEW OF THE COMPENDIUM	15
WATER QUALITY	21
Introduction	21
Stormwater Management	22
1. Low Impact Development (LID) Ordinance	22
<i>Location: Stafford County, Virginia</i>	22
2. Street Retrofit	27
<i>Location: Seattle, Washington</i>	27
3. Urban Stormwater Retrofit for Drainage Improvement	30
<i>Location: Mt. Rainier, Maryland</i>	30
4. Water Quality Advisory Commission	32
<i>Location: Virginia Beach, Virginia</i>	32
5. Clean River Rewards	33
<i>Location: Portland, Oregon</i>	33
Wastewater (Sewage) Minimization	35
1. Combined Sewer Elimination	35
<i>Location: Lynchburg, Virginia</i>	35
2. Get WET (Water Efficient Toilet) Toilet Rebate	39
<i>Location: Sarasota County, Florida</i>	39
Watershed Planning and Management	40
1. Comprehensive Watershed Planning	40
<i>Location: Fairfax County, Virginia</i>	40
2. Volunteer Stream Monitoring	42
<i>Location: Arlington, Virginia</i>	42
Education, Citizen Stewardship, and Partnerships	44
1. School Gardens	44
<i>Location: Oakland, California</i>	44
2. Water Education	45
<i>Location: Albuquerque, New Mexico</i>	45
3. Community Watershed Stewardship Grant	46
<i>Location: Portland, Oregon</i>	46
4. Stream Buffer Restoration Initiative	49
<i>Location: Albemarle County, Virginia</i>	49
Supplemental Water Quality Programs and Practices	51
1. LID Incentive Program	51
<i>Location: Sammamish, Washington</i>	51
2. Watershed Revegetation Program	52
<i>Location: Portland, Oregon</i>	52

3.	Rain Barrel Program and Rain Gardens initiative _____	53
	<i>Location: Milwaukee, Wisconsin</i> _____	53
4.	Rain Barrel Rebate Program _____	53
	<i>Location: City of Springfield, Missouri</i> _____	53
5.	CSO Remediation Program _____	54
	<i>Location: Corvallis, Oregon</i> _____	54
6.	Water Resources Technical Advisory Committee _____	54
	<i>Location: Loudoun County</i> _____	54
7.	Pollution Prevention Toolkit _____	55
	<i>Location: Various; Center for Chesapeake Communities Program</i> _____	55
8.	Water Conservation Programs _____	55
	<i>Location: Tempe, Arizona</i> _____	55
	<i>Location: Los Angeles, California</i> _____	56
	<i>Location: Santa Rosa, California</i> _____	56
	<i>Location: Tampa Bay, Florida</i> _____	56
	<i>Location: DeKalb County, Georgia (Atlanta)</i> _____	57
	<i>Location: Boston, Massachusetts</i> _____	57
	<i>Location: Albuquerque, New Mexico</i> _____	57
	<i>Location: Austin, Texas</i> _____	57
9.	Water Awareness Calendar Contest _____	58
	<i>Location: Virginia Beach, Virginia</i> _____	58
10.	Stormwater Utility Fees _____	58
	<i>Location: Arlington County, Virginia</i> _____	58
	<i>Location: Prince William County</i> _____	59
	<i>Location: Norfolk, Virginia</i> _____	59
	<i>Location: Orlando, Florida</i> _____	60
	Useful Links _____	60
	Water References _____	61
	AIR QUALITY AND TRANSPORTATION _____	63
	Introduction _____	63
	Emissions Reduction _____	64
1.	Sacramento Emergency Clean Air and Transportation Program _____	64
	<i>Location: Sacramento, California</i> _____	64
2.	Diesel-Fueled Commercial Vehicle and School Bus Idling _____	66
	<i>Location: State of California</i> _____	66
3.	Clean Air Counts _____	67
	<i>Location: A Northeastern Illinois Regional Initiative</i> _____	67
4.	Lawn Care for Cleaner Air _____	69
	<i>Location: Louisville, Kentucky</i> _____	69
	Promoting Alternative Fuels _____	70
1.	Clean Cities _____	70
	<i>Location: State of California</i> _____	70

2.	Alternative Fuels _____	72
	<i>Location: Columbus, Ohio</i> _____	72
Alternative Modes of Transportation _____		74
1.	New Resident Program _____	74
	<i>Location: Chicago, Illinois</i> _____	74
Holistic Air Quality Management _____		75
1.	ECC Air Quality Subcommittee and Clean Air Café Menu _____	75
	<i>Location: Fairfax County, Virginia</i> _____	75
Supplemental Air Quality & Transportation Programs and Practices _____		76
1.	Clean Air Action Plan _____	76
	<i>Location: Austin, Texas</i> _____	76
2.	Electric Bus System _____	76
	<i>Location: Chattanooga, Tennessee</i> _____	76
3.	Pedal Instead _____	77
	<i>Location: Columbus, Ohio</i> _____	77
4.	Bicycle Commuter and Parking Expansion Act of 2007 _____	78
	<i>Location: District of Columbia</i> _____	78
5.	Easy Breathers _____	79
	<i>Location: State of Wisconsin Department of Natural Resources</i> _____	79
6.	Air Quality Protection Strategy _____	79
	<i>Location: Montgomery County, Maryland</i> _____	79
7.	Save Planet Polluto _____	80
	<i>Location: Sacramento, California</i> _____	80
Useful Links _____		81
SOLID WASTE _____		82
Introduction _____		82
Composting _____		83
1.	Green Bin Composting _____	83
	<i>Location: City of Toronto</i> _____	83
2.	Biosolids Composting _____	86
	<i>Location: Abingdon, Charlottesville and Hampton Roads, Virginia</i> _____	86
3.	Central Composting Facility (CCF) Organic Waste Treatment _____	87
	<i>Location: Hamilton, Ontario</i> _____	87
Waste Reduction _____		88
1.	Trash Stickers or Pay as You Throw _____	88
	<i>Location: Charlottesville, Virginia</i> _____	88
Recycling _____		90
1.	Incentives for Residential Recycling _____	90
	<i>Location: Philadelphia, Pennsylvania</i> _____	90
Supplemental Solid Waste Programs and Practices _____		91
1.	Master Composter Program _____	91
	<i>Location: Mecklenburg County, North Carolina</i> _____	91
2.	Paint Exchange _____	92

	<i>Location: Blacksburg and Montgomery County, Virginia, among others.</i>	92
3.	Recycling Club <i>Location: Blacksburg, Virginia</i>	93 93
4.	Construction and Demolition Debris (C&D) Recycling <i>Location: Richmond, Virginia</i>	93 93
5.	Construction Material Reuse Ordinance <i>Location: Santa Monica</i>	94 94
Useful Links		95
Solid Waste References		96
LAND USE PLANNING / SITE DESIGN		99
Introduction		99
Compact, Active, and Healthy Communities		101
1.	Traditional Neighborhood Development (TND) Plan <i>Location: Greensboro, North Carolina</i>	101 101
2.	Accessory Dwelling Unit Ordinance <i>Location: Charlottesville, Virginia</i>	102 102
3.	Neighborhood Convenience Establishment <i>Location: Winchester, Virginia</i>	104 104
4.	Bicycle Parking Ordinance <i>Location: Montgomery County, Maryland</i>	105 105
Sustainability Planning, Smart Growth, Development Review, and Historic Preservation		106
1.	Sustainability Elements and Smart Growth Policies within Comprehensive Plans <i>Location: Denver, Colorado</i>	106 106
2.	Smart Growth Chapter to Comprehensive Plan <i>Location: Gaithersburg, Maryland</i>	107 107
3.	Environmental Standards for Development Regulation <i>Location: Gaithersburg, Maryland</i>	108 108
4.	Historic Preservation / Environmental Sustainability Integration Project <i>Location: Boulder, Colorado</i>	109 109
Brownfields and Greyfields Revitalization		110
1.	City of Clarksburg's Brownfields Program <i>Location: Clarksburg, West Virginia</i>	110 110
Infill Development, Design, and Smart Codes		111
1.	Infill Development Design Code <i>Location: Portland, Oregon</i>	111 111
2.	Historic Chicago Bungalow Initiative <i>Location: Chicago, Illinois</i>	112 112
3.	Active Communities (Form-Based Codes) <i>Location: Petaluma, California</i>	112 112
4.	Transit-Oriented Development <i>Location: Milpitas, California</i>	113 113
5.	Austin "McMansion" Ordinance <i>Location: Austin, Texas</i>	114 114

Supplemental Land Use Programs and Practices	115
1. Ecological Footprint Analysis	115
<i>Location: Various</i>	115
2. Smart Growth Scorecard	115
<i>Location: Various; Environmental Protection Agency</i>	115
3. Greenprint Denver	115
<i>Location: Denver, Colorado</i>	115
4. Compendium of Model Ordinances	115
<i>Location: Austin, Texas</i>	115
5. Land Use Code Simplification Project	116
<i>Location: Boulder, Colorado</i>	116
6. Case Studies of Virginia Open Space Laws	116
<i>Location: Virginia Beach, Virginia</i>	116
7. Supplemental Brownfields Projects and Programs	116
8. Supplemental Greyfields Projects	117
Useful Links	118
PARKS AND OPEN SPACE	119
Introduction	119
Green Infrastructure and Community Greening	120
1. Philadelphia Green	120
<i>Location: Philadelphia, Pennsylvania</i>	120
2. Seattle P-Patch	121
<i>Location: Seattle, Washington</i>	121
Creating and Enhancing Parks and Trails	122
1. Blueways Water Trail	122
<i>Location: Mathews County, Virginia</i>	122
Funding Open Space	123
1. Installment Purchase	123
<i>Location: Burlington County, New Jersey</i>	123
2. Medical Mile Trail Sponsorship	124
<i>Location: Little Rock, Arkansas</i>	124
3. Subdivision Regulations	126
<i>Location: Virginia Beach, Virginia</i>	126
Enhancing Biodiversity and Ecological Health	126
1. BioBlitz	126
<i>Location: Great Falls, Virginia (Potomac River Gorge)</i>	126
2. Pesticide Free Parks	127
<i>Location: Seattle, Washington</i>	127
3. Weed Warriors	129
<i>Location: Montgomery County, Maryland</i>	129
Supplemental Open Space Programs and Practices	130
1. Park Bonds:	130
<i>Location: Fairfax County, Virginia</i>	130
<i>Location: Raleigh, North Carolina</i>	131

2.	Restaurant and Meals Tax	131
	<i>Location: Virginia Beach, Virginia</i>	131
3.	Open Space Sales and Use Tax	132
	<i>Location: Boulder, Colorado</i>	132
4.	New Construction and Property Conveyance Tax	132
	<i>Location: San Jose, California</i>	132
5.	Park Enhancement Grant (PEG)	133
	<i>Location: Arlington County, Virginia</i>	133
6.	Car Free Parkways	133
	<i>Location: Various</i>	133
7.	Urban Agriculture	134
	<i>Location: Vancouver, British Columbia</i>	134
8.	Edible Schoolyard	134
	<i>Location: Berkley, California</i>	134
9.	School Park Program	135
	<i>Location: Houston, Texas</i>	135
10.	Backyard Wildlife Sanctuary	135
	<i>Location: Washington State; Arlington, Virginia; Falls Church, Virginia</i>	135
11.	Free the Trees	136
	<i>Location: Toronto, Ontario</i>	136
12.	Sculpture Birdhouses	136
	<i>Location: Providence, Rhode Island</i>	136
13.	Parks with Interpretive Boardwalks	136
	<i>Location: Various</i>	136
14.	Neighborhood Development	138
	<i>Location: Charlottesville, Virginia</i>	138
	Useful Links	138
	GREEN BUILDINGS	140
	Introduction	140
	Green Buildings	141
1.	Green Building Incentive Program	141
	<i>Location: Arlington, Virginia</i>	141
2.	Green Building Code Checklist	144
	<i>Location: Telluride, Colorado</i>	144
3.	Green Building Act	146
	<i>Location: Washington D.C.</i>	146
	Supplemental Green Building Practices	147
1.	Green Transit Maintenance Facility	147
	<i>Location: Santa Clarita</i>	147
2.	Sustainable Building Policy	148
	<i>Location: Seattle, Washington</i>	148
3.	Sustainable Building Policy	149
	<i>Location: Charlottesville, Virginia and Albemarle County, Virginia</i>	149
4.	Green Building Ordinances and Building Code Examples	150
	<i>Location: Boulder, Colorado</i>	150

<i>Location: King County, Washington</i>	150
<i>Location: Aspen, Colorado</i>	150
<i>Location: Frisco, Texas</i>	151
<i>Location: Montgomery County, Maryland</i>	151
<i>Location: Albuquerque, New Mexico</i>	151
Useful Links	152
ENERGY	154
Introduction	154
Energy Management and Alternative Energy Sources	154
1. Comprehensive Energy Management Program and Fresh AIRE Initiative (Arlington Initiative to Reduce Emissions)	154
<i>Location: Arlington County, Virginia</i>	154
2. Comprehensive Energy Policy	158
<i>Location: Montgomery County, Maryland</i>	158
3. Clean Energy Rewards	159
<i>Location: Montgomery County, Maryland</i>	159
4. Biodiesel Conversion Plant	162
<i>Location: Denton, Texas</i>	162
Supplemental Energy Programs and Practices	163
1. Biodiesel Initiative	163
<i>Location: Tacoma, Washington</i>	163
2. Green Power Switch Generation Partners Program	164
<i>Location: Various</i>	164
3. Solar Manufacturing Incentive Grant (SMIG) Program	164
<i>Location: Virginia</i>	164
4. Net Metering in Virginia	165
<i>Location: Virginia</i>	165
5. Solar Easements and Access Ordinances	166
<i>Location: Virginia and Boulder, Colorado</i>	166
6. Green Power Purchase by City Government Via Aggregation	166
<i>Location: Fairfax and Arlington, Virginia; Seattle, Washington; Chicago, Illinois</i>	166
7. Energy Education and Green Builder Programs	167
<i>Location: Ashland, Oregon and Austin, Texas</i>	167
8. Energy Planning and Financing of Sustainable Energy Management	168
<i>Location: Eugene, Oregon and Ashland, Oregon</i>	168
9. Lights Out San Francisco	168
<i>Location: San Francisco</i>	168
Useful Links	169
CLIMATE CHANGE ADAPTATION STRATEGIES	170
Introduction	170
Climate Change Adaptation Strategies	172
1. Climate Adaptation Plan	172
<i>Location: Keene, New Hampshire</i>	172

2.	Climate Adaptation Plan	173
	Location: King County, Washington	173
HEALTH		175
Introduction		175
Built Environment—The Public Health and Planning Connections		177
1.	Health Impact Assessment	179
	Location: San Francisco, California	179
2.	Public Health Master Plan	181
	Location: Seattle and King County, Washington	181
Supplemental Environmental Health Programs		183
1.	Active Communities (Transit-Oriented Development)	183
	Location: Milpitas, California	183
2.	Active Communities (Form-Based Codes)	184
	Location: Petaluma, California	184
3.	Land Use and Health Team	185
	Location: Ingham County, Michigan	185
4.	Livable Communities Program	186
	Location: Riverside County, California	186
5.	Planning for Public Health	187
	Location: Denver, Colorado	187
6.	Healthy Eating & Active Living Partnership	187
	Location: Denver, Colorado	187
Food Systems & The Environment		188
1.	Food Policy Council	190
	Location: Portland, Oregon	190
2.	Community Garden Program	193
	Location: Seattle, Washington	193
3.	Food Waste Recycling & Composting Program	195
	Location: King County, Washington	195
4.	Food Systems Planning	197
	Location: Madison, Wisconsin	197
5.	Community Food Assessment	199
	Location: East Austin, Texas	199
Health Promotion		202
1.	Employee Wellness	202
	Location: Arlington County, Virginia	202
Indoor Air Quality		205
1.	Indoor Air Quality in Residences	205
	Location: Cuyahoga County, Ohio	205
2.	Indoor Air Quality in Residences	206
	Location: Kansas City, Missouri	206
3.	Indoor Air Quality in Schools	208
	Location: Hartford, Connecticut	208
Supplemental Programs		210

1.	Integrated Pest Management in Schools	210
	<i>Location: Marin County, California</i>	210
	School Environment	211
1.	Farm to School Program	212
	<i>Location: Rappahannock County, Virginia</i>	212
2.	Food and Nutrition Education	217
	<i>Location: Berkeley, California</i>	217
	Useful Links & Resources	220
	SUSTAINABILITY INITIATIVES, PROGRAMS, PLANS, AND POLICIES	227
	Introduction	227
	Sustainability Plans, Programs and Indicators	228
1.	(Plan) Santa Monica Sustainable City Program, California	230
	<i>Location: Santa Monica, California</i>	230
2.	(Plan and Program) Pasadena Green City Action Plan, California	232
	<i>Location: Pasadena, California</i>	232
3.	(Program and Policy) Charlottesville Environmental Management System, Virginia	234
	<i>Location: Charlottesville, Virginia</i>	234
4.	(Program) Boulder County ClimateSmart Program, Colorado	236
	<i>Location: Boulder County, Colorado</i>	236
	Supplemental Sustainability Plans and Programs	237
1.	(Plan) Fort Collins Action Plan for Sustainability, Colorado	237
	<i>Location: Fort Collins, Colorado</i>	237
2.	(Plan and Program) Charleston Green Team and Green Committee, South Carolina	239
	<i>Location: Charleston, South Carolina</i>	239
3.	(Program) Seattle Environmental Action Agenda, Washington	240
	<i>Location: Seattle, Washington</i>	240
4.	(Program) Fairfax County Environmental Improvement Program, Virginia	240
	<i>Location: Fairfax County, Virginia</i>	240
5.	(Program) Albuquerque Sustainability Program	242
	<i>Location: Albuquerque, New Mexico</i>	242
6.	(Program) Madison Eco-Municipality, Wisconsin	242
	<i>Location: Madison, Wisconsin</i>	242
	Appendix to Sustainability Plans and Programs – Matrix of Sustainability Plans	245
	Sustainable Community Indicators	251
1.	Santa Monica Sustainable City Plan – Progress report	252
	<i>Location: Santa Monica, California</i>	252
2.	Minneapolis Sustainability Initiative	253
	<i>Location: Minneapolis, Minnesota</i>	253
3.	San Diego Sustainability Community Program	254
	<i>Location: San Diego, California</i>	254
	Useful Links	254
	Civic Sustainability	256
1.	The Center for a New American Dream / Sustainable Lifestyle	257

	<i>Location: N/A</i>	257
2.	Little Green e-Book / Simple Steps for Reducing One’s Carbon Footprint <i>Location: N/A</i>	258 258
3.	Eco-Chick / Sustainable Consumerism <i>Location: N/A</i>	259 259
4.	Simple Steps / Sustainable Lifestyle <i>Location: N/A</i>	259 259
5.	Arlingtonians for a Clean Environment (ACE) <i>Location: Arlington, Virginia</i>	260 260
6.	Sustainable Blacksburg / Non-Profit Community Organization <i>Location: Blacksburg, Virginia</i>	261 261
7.	Chesapeake Climate Action Network (CCAN) / Non-Profit Community Organization <i>Location: Maryland, Virginia, and Washington, D.C.</i>	262 262
8.	The Virginia Association for Biological Farming / Non-Profit State Organization <i>Location: Christiansburg, Virginia</i>	263 263
9.	Fairfax ReLeaf, Inc. / Non-Profit State Organization <i>Location: Fairfax, Virginia</i>	263 263
Useful Links		264
Green Educational Resources		266
1.	Santa Monica Green Map / Local Government Website <i>Location: Santa Monica, California</i>	266 266
2.	Sustainable Albuquerque / Local Government Website <i>Location: Albuquerque, New Mexico</i>	267 267
3.	San Francisco Green Schoolyard Alliance <i>Location: San Francisco, California</i>	268 268
4.	SustainLane / Local Government Sustainability Model Practices <i>Location: N/A</i>	269 269
Supplemental Green Educational Resources		270
1.	Tellus Institute / Non-Profit Organization <i>Location: Boston, Massachusetts</i>	270 270
2.	The Sierra Club National Cool Cities Campaign <i>Location: National Campaign</i>	271 271
3.	Sustainable Communities Network / Non-Profit Organization <i>Location: N/A</i>	272 272
Useful Links		270
Business and Economic Sustainability		271
1.	The Bay Area Business Council on Climate Change <i>Location: San Francisco, California</i>	271 271
2.	The Bay Area Green Business Program <i>Location: San Francisco, California</i>	272 272
3.	Austin Sustainable Business Council <i>Location: Austin, Texas</i>	273 273
4.	WasteCap of Massachusetts / Business Waste Recycling Program <i>Location: Massachusetts</i>	274 274

Useful Links	275
Local Government Green Purchasing Programs	276
1. Ventura County Green Procurement Policy	276
<i>Location: Ventura County, California</i>	276
2. Palo Alto Green Purchasing Program	277
<i>Location: Palo Alto, California</i>	277
3. King County Environmental Purchasing Policy	278
<i>Location: King County, Washington</i>	278
Useful Links	279