

Table of Contents

List of Tables	ix
List of Figures	xiii
Foreword	xvii
Review Language	xvii
Data Timing	xvii
Acknowledgements	xviii
Conversion Factors	xviii
Conversions from Green Measure to Dry Measure	xix
Conversions in US Statistics	xx
Global Highlights of the Wood Fiber Trade	1
Introduction	1
Top Stories of the International Woodfiber Trade in 2013/2014	1
Asia-Pacific Woodchip Markets Introduction	11
Markets: Japan	15
Introduction	15
Forest Resources	15
Domestic Resources	15
Overseas Resources	16
Pulp and Paper Sector	18
Major Companies	18
Paper and Paperboard Production	20
Wood Pulp Production in Japan	21
Pulpwood Supply	22
Softwood Chip Imports	22
Hardwood Chip Imports	26
Woodchip Imports by Company	31
Outlook for Japanese Demand	31
Outlook for Pulp Production	31
Outlook for Woodchip Imports	32
Markets: China	35
Forest Resources	35
Wood Fiber Demand	37
Woodchip Imports	38
Sources of Hardwood and Softwood Chip Imports	39
Major Woodchip Importing Companies	40
Woodchip Price Trends	42

Outlook for Woodchip Imports	44
New Pulp Projects	44
Markets: Other Asia	47
Taiwan	47
Forest Resources	47
Pulp and Paper Industry	47
Woodchip Imports	48
Korea	49
Forest Resources	49
Pulp and Paper Industry	49
Woodchip Imports	50
India	52
Forest Resources	52
Pulp and Paper Industry	53
Woodchip Imports	54
Markets: Europe.....	57
Finland	57
Forest Resources	57
Pulp and Paper Industry	57
Wood Fiber Imports	58
Pulpwood Prices.....	60
Sweden	61
Forest Resources	61
Pulp and Paper Industry	62
Wood Fiber Imports	62
Pulpwood Prices.....	64
Norway	64
Forest Resources	64
Pulp and Paper Industry	65
Wood Fiber Imports	66
Nordic Summary	66
Portugal	67
Forest Resources	67
Pulp Industry	68
Pulpwood Imports	69
Pulpwood Exports	70
Spain.....	70
Forest Resources	70
Pulp Industry	71
Wood Fiber Imports	72
Italy	73
Turkey	74
Forest Resources	74

Composite Wood-Based Panel Production.....	74
Pulp Industry	75
Woodchip Imports	75
Morocco	77
Wood Fiber Imports	77
Supply: North America.....	79
Introduction.....	79
Pulp and Paper Sector	79
Overview of North American Woodchip Exports.....	82
West Coast North America Woodchip Supply	84
US Pacific Northwest	84
Outlook for Woodchip Exports from US Pacific Northwest.....	86
British Columbia	88
US South	90
Forest Resources	90
Domestic Pulpwood Demand.....	91
Woodchip and Pulplog Prices	92
Woodchip Export Facilities.....	94
Northeastern North America	97
Northeast USA	97
Eastern Canada.....	97
Supply: Latin America.....	101
Argentina.....	101
Necochea.....	101
Brazil.....	101
Forest Resources	101
Domestic Woodchip Demand.....	104
Woodchip Exports	106
Woodchip Export Facilities.....	107
Chile.....	109
Forest Resources	109
Domestic Woodchip Demand.....	109
Woodchip Exports	110
Woodchip Export Facilities.....	112
Ecuador	122
Forest Resources	122
Domestic Woodchip Demand.....	122
Woodchip Exports	123
Uruguay.....	123
Forest Resources	123
Domestic Woodchip Demand.....	124
Woodchip Exports	124

Venezuela	127
Forest Resources	127
Domestic Woodchip Demand.....	127
Woodchip Exports	128
Supply: Oceania	129
Australia	129
Forest Resources	129
Domestic Woodchip Demand.....	131
Woodchip Exports	132
Woodchip Export Facilities	137
New Zealand	157
Forest Resources	157
Domestic Woodchip Demand.....	158
Woodchip Exports	158
Woodchip Export Facilities	159
Fiji	162
Forest Resources	162
Domestic Woodchip Demand.....	162
Woodchip Exports	162
Woodchip Export Facilities	163
Supply: Europe	165
Russia	165
Introduction	165
European Russia.....	166
Eastern Russia	167
Baltic Countries.....	169
Forest Resources	169
Roundwood Exports.....	169
Woodchip Exports	172
Roundwood Prices	174
United Kingdom.....	176
Forest Resources	176
Softwood Pulplog Exports	177
Supply: Asia	179
Introduction.....	179
Cambodia	179
Indonesia	182
Forest Resources	182
Domestic Wood Fiber Demand.....	183
Woodchip Exports	183
Woodchip Export Facilities	185
Laos.....	188

Malaysia	188
Forest Resources	188
Domestic Wood Fiber Demand	189
Woodchip Exports	189
Woodchip Export Facilities	190
Papua New Guinea.....	191
Thailand	192
Forest Resources	192
Domestic Wood Fiber Demand	193
Woodchip Exports	193
Woodchip Export Facilities	196
Vietnam	199
Forest Resources	199
Domestic Wood Fiber Demand	202
Woodchip Exports	204
Supply: Africa.....	215
Congo (Republic of).....	215
Ghana	215
Liberia	217
Mozambique.....	218
Woodchip Exports	218
South Africa	219
Forest Resources	219
Domestic Demand	222
Woodchip Exports	222
Woodchip Export Facilities	224
Biomass Trade.....	229
Introduction.....	229
European Markets for Biomass Imports	229
Outlook for European Wood Pellet Imports.....	232
Asian Markets for Biomass Imports	234
Biomass Supply.....	238
North America	239
Biomass Export Ports	241
Russia	245
Ocean Transportation.....	247
Introduction.....	247
Woodchip Carrier Fleet.....	248
Shipping and Biomass Trade.....	252
Sailing Distances.....	252
Stowage Factors	255

Outlook for International Pulpwood Trade to 2018	257
Asia-Pacific Woodchip Market	257
Demand	257
Supply	261
Atlantic Region Woodchip Trade	269
Woodchip Prices	271
Long-Term Historical Price Trends	271
Outlook for Woodchip Prices	278
Directory	281
Appendix	293