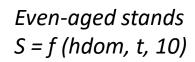
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• Example 7 – Assign site index (S) values to the NFI plots missing that information

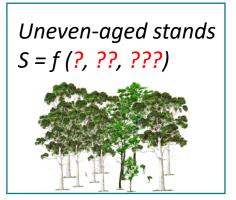


279 NFI plots:

139 plots with S

137 plots without S **Because:**

tree heights were not measured or stand age not recorded (e.g. recently harvested stands)



69 NFI plots:

Without S

7) Suppose you need to prepare inputs to run some eucalyptus simulations using StandsSIM simulator. This tool requires information about site index (S), but S estimates are not available for all NFI plots.

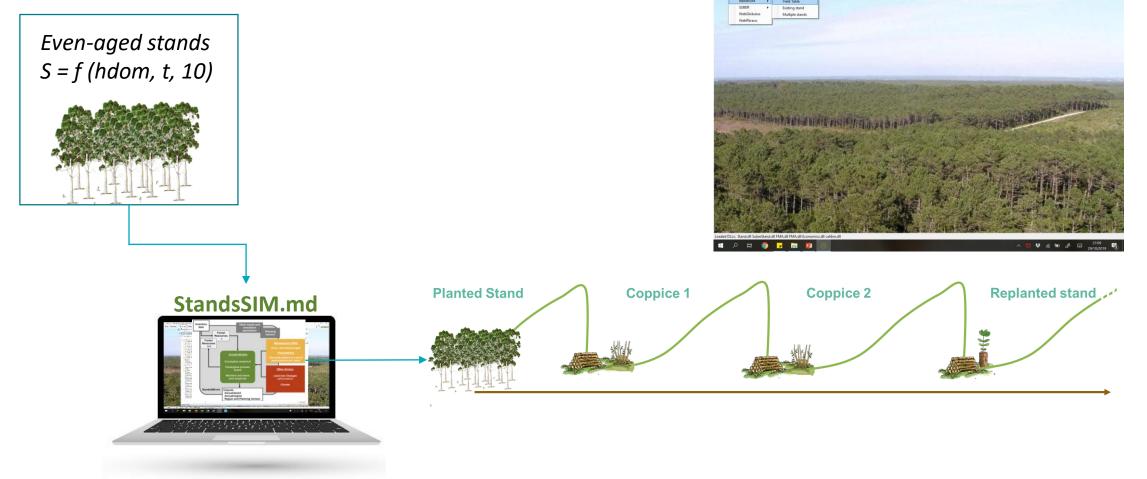
The data in spreadsheet Ex_7 shows that only 139 of the 348 plots have been assigned an S value.

Use plots with S to build the distribution of NFI plots by S class and using Monte Carlo simulation assign S values to the remaining plots taking into consideration that S values lower than 8 and greater than 26 are not realistic. Consider S classes with range=1

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 Example 7 – Assign site index (S) values to the NFI plots missing that information

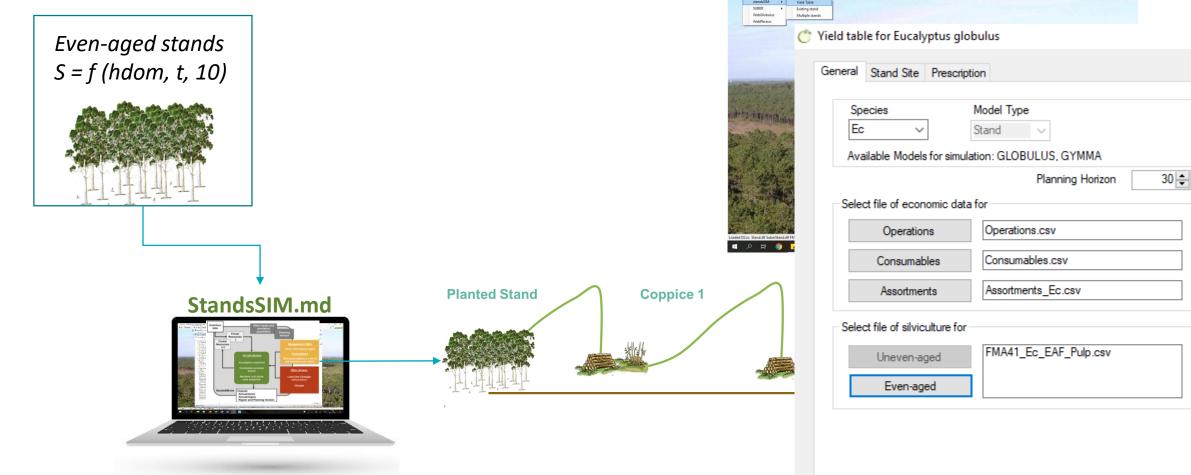


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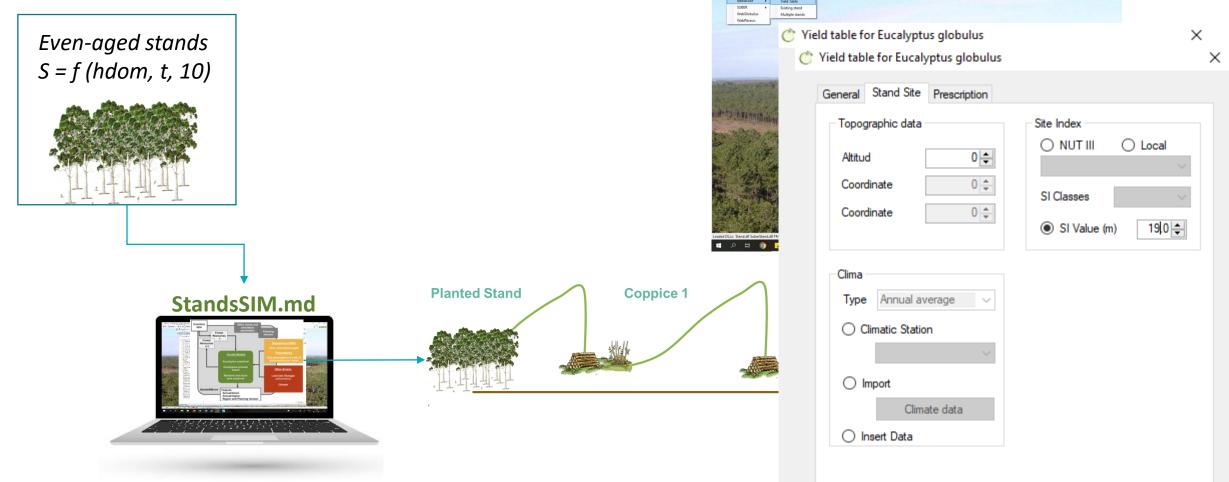
 Example 7 – Assign site index (S) values to the NFI plots missing that information



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 Example 7 – Assign site index (S) values to the NFI plots missing that information



• Example 7 – Assign site index (S) values to the NFI plots missing that information

Even-aged stands S = f (hdom, t, 10)	Uneven-aged stands S = f (?, ??, ???)	CONVERT: Hdom = ?	Uneven- to Even	-Portuguese Forent Strondators Factors Generater Sola Holp C G G Solets • Unite Table Solets • WebStochuke WebStochuke			- • × C [*] For Shang
				C Stand simulator for Eucaly General Stand Site Press Species Ec ~ Available Models for site	Model Type Stand	Structure Uneven-aged ~ Horizon 30 🜩	×
StandsSI	M.md		Replanted stand	Select file of economic of Operations Consumables Assortments	data for Operations.csv Consumables.csv Assortments_Ec.csv		, 1 3
	A second se			Select file of silviculture Uneven-aged Even-aged	for FMA31_Ec_IRRegu	ular.csv	

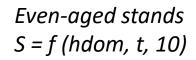
5

• Example 7 – Assign site index (S) values to the NFI plots missing that information

Even-aged stands S = f (hdom, t, 10)	Uneven-aged stands S = f (?, ??, ???)	CONVERT: Hdom = ?	Uneven- to Even	-aged The second secon	s	- o × Crothenge × ×
StandsSID	1.md		Replanted stand	General Stand Site Prescription	Stand Variables Plot Rotation	ID 1 ÷
				 Import Climate data Insert Data 	Nst (/ha) N (/ha) t hdom (m) G (m2/ha) Vu (m3/ha)	0 ÷ 0 ÷ 0.0 ÷ 0.0 ÷



Example 7 – Assign site index (S) values to the NFI plots missing that information

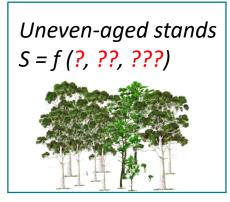


279 NFI plots:

139 plots with S 137 plots without S

Because:

tree heights were not measured or stand age not recorded (e.g. recently harvested stands)



69 NFI plots:

Without S

