Table S1. Characteristics of training and validation datasets.

	Training Dataset		Validation Dataset	
Class	*n*	Mean size (m²)	n	Mean size (m²)
Shade	52	9.87	23	6.77
Road	21	24.50	9	16.83
Bare soil	289	44.35	123	47.71
Herb	434	27.95	186	33.61
CrJ	468	28.10	200	25.38
AcH-1	331	39.92	144	38.15
AcH-2	112	30.63	55	32.54
AcM-1	165	29.00	70	29.85
AcM-2	415	26.75	184	22.15

Table S2. Confusion matrix of the pixel based-classification (source: Bley-Dalouman, Broust et al. 2021 [1]).

		Reference								
		Herb	Bare soil	*Cryp. jap.*	Mature *Acacia heterophylla*	Non-mature *Acacia heterophylla*	Mature *Acacia mearnsii*	Non-mature *Acacia mearnsii*	Total	User accuracy
CLASS	Herb	21,470	47	8	99	35	186	70	21,915	0.98
	Bare soil	66	21,865	0	23	0	22	1	21,977	0.99
	Cryptomeria japonica	6	115	19,004	659	520	740	2058	23,102	0.82
	Mature *Acacia heterophylla*	305	136	1090	20,160	136	3909	2287	28,023	0.71
	Non mature *Acacia heterophylla*	43	0	98	10	4681	41	406	5279	0.88
	Mature *Acacia mearnsii*	87	39	139	533	22	2245	379	3444	0.65
	Non mature *Acacia mearnsii*	126	38	1458	919	824	1219	12,872	17,456	0.63
	Total	22,103	22,240	21,797	22,403	6218	8362	18,073	121,196	
	Producer accuracy	0.97	0.98	0.87	0.9	0.75	0.26	0.71		

Table S3. Accuracy indicators of the post-classification.

	Shade	**Road + Bare soil**	**Herb**	**CrJ**	**AcH-1**	**AcH-2**	**AcM-1**	**AcM-2**
OA				0.98				
Producer accuracy	1.00	1.00	1.00	1.00	0.94	1.00	1.00	1.00
User accuracy	1.00	1.00	1.00	1.00	1.00	0.95	0.88	0.92
Pchance				0.16				
Pcorrect				0.98				
Kappa index				0.97				

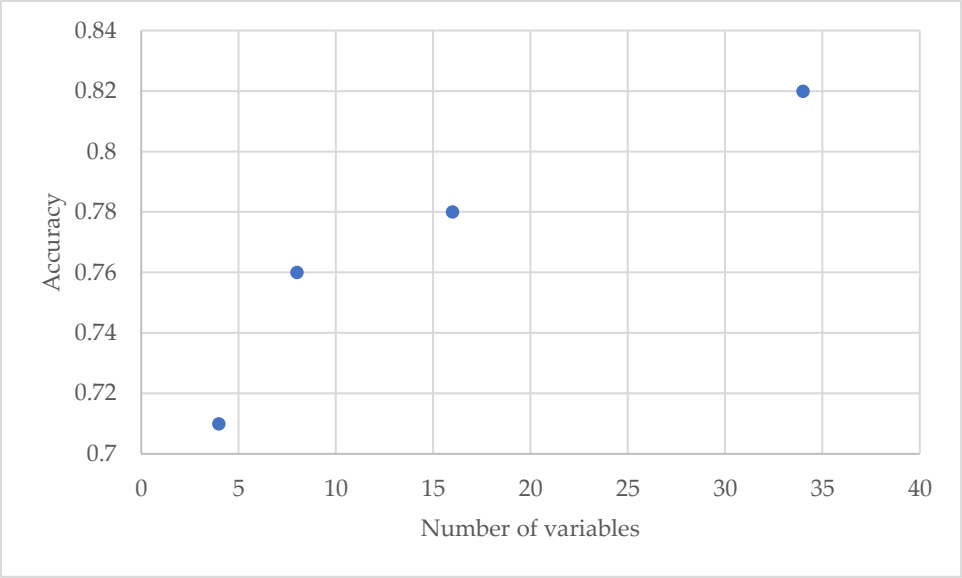

Figure S1. Accuracy for *n* selected variables on the classification model.

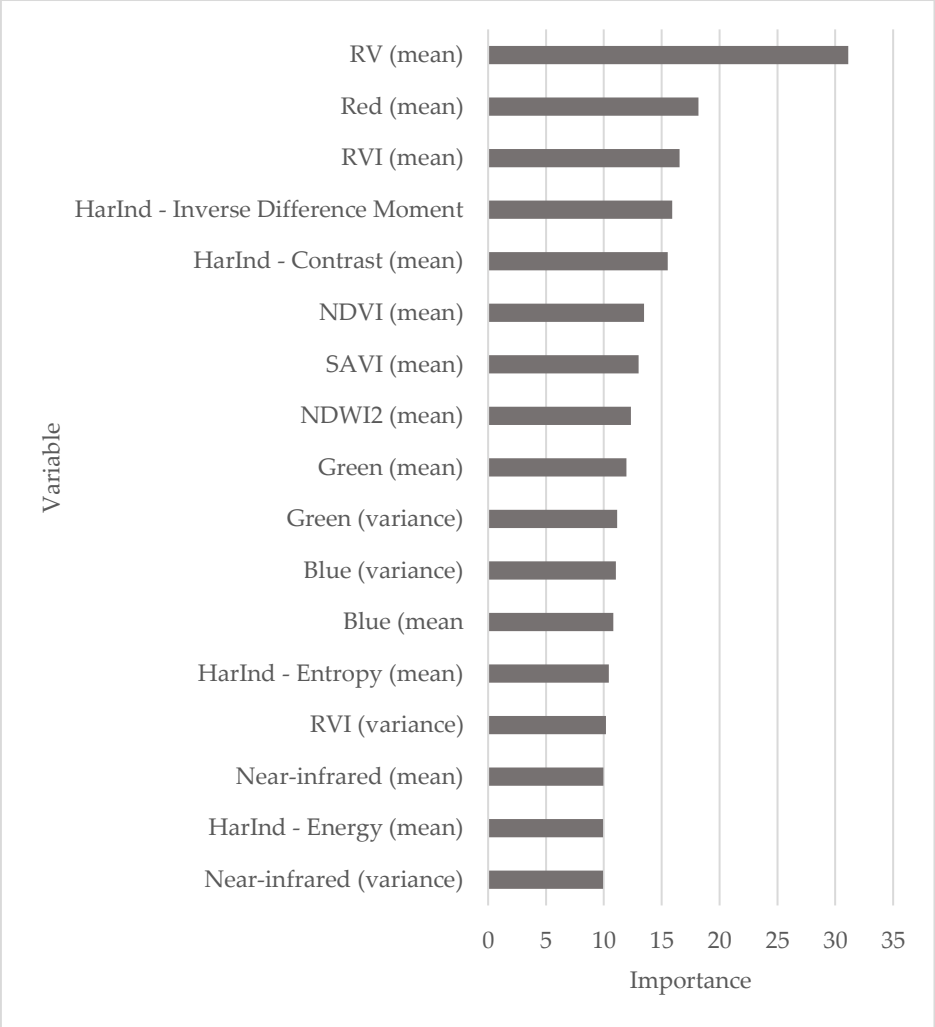

Figure S2. Variables of the classification model ranked by importance (HarInd = Haralik indices).

Reference

1. Bley-Dalouman, H.; Broust, F.; Prevost, J.; Tran, A. Use of very high spatial resolution imagery for mapping wood energy potential from tropical managed forest stands, Reunion Island. *Int. Arch. Photogramm. Remote Sens. Spat. Inf. Sci.* **2021**, *XLIII-B3-2021*, 189–194. https://doi.org/10.5194/isprs-archives-XLIII-B3-2021-189-2021.