

Supporting information

Table S2: confusion matrix of the land-cover classification (validation set)

Class	1	2	3	4	5	6	7	8	9	10	11	Total
1	12	0	0	0	3	7	0	0	0	0	1	23
2	0	5445	25	1	4	21	63	167	0	0	0	5726
3	0	16	593	21	1	102	41	17	0	67	5	863
4	0	0	49	563	15	523	0	112	2	19	51	1334
5	0	4	43	31	247	304	0	8	2	0	1	640
6	2	23	317	329	142	9124	0	16	0	149	267	10369
7	0	272	176	0	0	0	1648	23	0	24	0	2143
8	0	518	95	1	6	151	22	1202	0	15	0	2010
9	2	0	3	22	0	1	0	0	234	26	22	310
10	0	0	16	0	0	70	0	68	0	456	6	616
11	0	0	20	880	46	445	0	29	32	131	1070	2653
Total	16	6278	1337	1848	464	10748	1774	1642	270	887	1423	26687

Note: Rows are reference classes and columns are classified classes, computed on an independent validation set (30% of the reference polygons, randomly selected; 26,687 pixels). Class names are given in Table S3.

Table S3: producer's and user's accuracy by land-cover class

Class	Land-cover class	Producer's accuracy (%)	User's accuracy (%)
1	Water	52.2	75.0
2	Mature Eucalyptus plantation	95.1	86.7
3	Espinal woodland	68.7	44.4
4	Cropland	42.2	30.5
5	Urban/parkland	38.6	53.2
6	Cattle ranching	88.0	84.9
7	Riparian forest	76.9	92.9
8	Young Eucalyptus plantation	59.8	73.2
9	Bare soil	75.5	86.7
10	Clear-cut area	74.0	51.4
11	Cropland (bare soil)	40.3	75.2

Note: Overall accuracy was 77.2% and Cohen's Kappa was 0.70. Eucalyptus plantations (classes 2 and 8 combined) had a producer's accuracy of 94.8% and a user's accuracy of 92.6%.