

Vegetation type	Area (10 <sup>6</sup> km <sup>2</sup> )	Pixels	Consumption (Tg CO yr <sup>-1</sup> )	Net flux (Tg CO yr <sup>-1</sup> )	Production (Tg CO yr <sup>-1</sup> )	Deposition velocity (mm s <sup>-1</sup> )
Alpine tundra and polar desert	5.28	3580	-0.92	-0.69	0.23	0.023
Wet tundra	5.24	4212	-1.00	-0.42	0.58	0.015
Boreal forest	12.47	7578	-7.76	-6.01	1.75	0.070
Forested boreal wetland	0.23	130	-0.14	-0.09	0.04	0.109
Boreal woodland	6.48	4545	-2.48	-1.54	0.94	0.036
Non-forested boreal wetland	0.83	623	-0.35	-0.18	0.17	0.029
Mixed temperate forest	5.25	2320	-10.49	-9.98	0.51	0.204
Temperate coniferous forest	2.49	1127	-3.51	-3.21	0.30	0.185
Temperate deciduous forests	3.65	1666	-5.07	-4.83	0.25	0.151
Temperate forested wetland	0.15	60	-0.35	-0.35	0.01	0.281
Tall grassland	3.63	1567	-1.66	-0.65	1.01	0.021
Short grassland	4.71	2072	-1.05	-0.27	0.78	0.010
Tropical savanna	13.85	4666	-21.86	-15.88	5.98	0.234
Xeric shrubland	14.71	5784	-1.95	-1.64	0.31	0.021
Tropical evergreen forest	17.77	5855	-85.90	-69.66	16.24	0.879
Tropical forested wetland	0.55	178	-3.59	-3.09	0.50	1.154
Tropical deciduous forest	4.69	1606	-14.81	-11.78	3.03	0.532
Xeric woodland	6.85	2387	-8.48	-7.44	1.04	0.246
Tropical forested floodplain	0.15	50	-0.89	-0.77	0.12	1.117
Desert	11.61	4170	-0.62	-0.57	0.05	0.008
Tropical non-forested wetland	0.06	19	-0.03	-0.02	0.01	0.067
Tropical non-forested floodplain	0.36	120	-0.35	-0.24	0.10	0.083
Temperate non-forested wetland	0.34	120	-0.33	-0.20	0.14	0.089
Temperate forested floodplain	0.10	48	-0.13	-0.12	0.00	0.197
Temperate non-forested floodplain	0.10	45	-0.05	-0.03	0.02	0.050
Wet savanna	0.16	59	-0.39	-0.32	0.07	0.434
Salt marsh	0.09	35	-0.05	-0.03	0.03	0.035
Mangroves	0.12	38	-0.49	-0.41	0.08	0.809
Temperate savannas	6.83	2921	-3.83	-3.22	0.61	0.076
Temperate evergreen broadleaf	3.33	1268	-7.17	-6.95	0.22	0.252
Mediterranean shrubland	1.47	575	-0.86	-0.71	0.16	0.100
Total	133.56	59424	-186.55	-151.27	35.28	-