

Table S1 Current status of land use* among five regions of Thailand, 2009-2012

Land use type	North	Northeast	Central	East	South
Agricultural land	6,368.6 (37.5)	11,415.1 (67.6)	3,425.6 (49.3)	2,148.5 (62.5)	4,192.9 (59.3)
Paddy field	2,626.8	7,340.8	1,424.1	487.7	381.9
Field crop	2,034.6	2,602.1	1,078.1	556.0	2.9
Perennial ^a	400.5	1,164.5	264.1	638.6	3,310.7
Orchard	569.2	188.2	357.4	319.7	404.5
Horticulture	37.3	23.6	72.6	4.1	3.9
Swidden cultivation	652.7	0	0	0	0
Pasture and farm house	32.2	71.5	29.1	15.4	1.9
Aquatic plant	0.1	0.1	2.0	0.1	0.1
Aquaculture land	12.0	20.7	198.2	126.9	86.8
Integrated farm/ Diversified farm	3.2	3.6	0	0	0.2
Forest land	9,266.8 (54.6)	3,148.5 (18.7)	2,385.5 (34.3)	788.0 (22.9)	2,062.7 (29.2)
Perennial forest	617.3	2,272.5	404.0	744.6	198.8
Disturbed forest	8,649.5	876.0	1,981.5	43.4	1,863.9
Urban and built-up land	602.6 (3.6)	868.3 (5.1)	617.2 (8.9)	235.3 (6.8)	265.6 (3.7)
Water bodies	228.9 (1.4)	562.6 (3.3)	232.5 (3.3)	84.5 (2.5)	296.2 (4.2)
Miscellaneous land	497.5 (2.9)	890.9 (5.3)	291.3 (4.2)	181.8 (5.3)	254.2 (3.6)
Others	451.6	752.7	254.1	160.4	203.4
Marsh and swamp	45.9	138.2	37.2	21.4	50.8
Total	16,964.4	16,885.4	6,952.1	3,438.1	7,071.6

*Land area in hectares (ha x 1000) and percent of land area in relation to land use type in parentheses are shown. With respect to land cover classification system (LLCS) available at <http://www.fao.org>, the levels I to III land use information were adapted from the Land Development Department, Ministry of Agriculture and Cooperatives available at <http://www.ddd.go.th/>.

^aPerennial agriculture including mixed perennial grains/oil seeds/legumes/forages/trees can exploit the benefits from both upland and lowland intensification of rubber tree, oil palm, eucalyptus, teak, coffee, tea, mulberry, bamboo, kapok, betal palm, rain tree, and so on.