

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

2

| 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 |

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

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

12