

Supplementary Material (SM)

Ecosystem Service Value of the Mixed Land Use Pattern in Asia: Thailand's Experience

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SM 1 Changes in ecosystem service value in 2006 according to function and category (million USD)

Ecosystem service category/ Ecosystem service function	2006						Total
	AR	FR	MS	RL	UB	WB	
Regulating services							
1) Gas regulation	35.77	37.79	5.56	5.86	0.00	0.62	85.61
2) Climatic regulation	48.19	35.61	31.28	6.09	0.00	2.51	123.67
3) Hydrological regulation	38.25	35.78	31.03	5.94	0.00	22.84	133.84
4) Waste treatment	69.05	15.05	33.24	5.16	0.00	18.07	140.57
Supporting services							
1) Soil formation	73.02	35.17	4.59	8.75	0.00	0.50	122.04
2) Biodiversity protection	50.67	39.46	8.52	7.31	0.00	4.17	110.12
Provisioning services							
1) Food production	49.68	2.89	0.83	1.68	0.00	0.64	55.72
2) Raw materials	19.37	26.07	0.55	1.41	0.00	0.43	47.83
Cultural services							
1) Recreation and culture	8.44	18.20	10.83	3.40	0.00	5.40	46.27
Total	392.43	246.01	126.43	45.59	0.00	55.19	865.66

SM 2 Change in ecosystem service value in 2016 according to function and category (million USD)

Ecosystem service category/ Ecosystem service function	2016						Total
	AR	FR	MS	RL	UB	WB	
Regulating services							
1) Gas regulation	34.21	38.31	5.92	3.71	0.00	1.00	83.14
2) Climatic regulation	46.08	36.09	33.29	3.85	0.00	4.04	123.37
3) Hydrological regulation	36.58	36.27	33.02	3.76	0.00	36.81	146.44
4) Waste treatment	66.04	15.25	35.38	3.26	0.00	29.12	149.05
Supporting services							
1) Soil formation	69.84	35.65	4.89	5.53	0.00	0.80	116.72
2) Biodiversity protection	48.46	40.00	9.07	4.62	0.00	6.73	108.87
Provisioning services							
1) Food production	47.51	2.93	0.88	1.06	0.00	1.04	53.42
2) Raw materials	18.53	26.43	0.59	0.89	0.00	0.69	47.12
Cultural services							
1) Recreation and culture	8.08	18.45	11.52	2.15	0.00	8.71	48.90
Total	375.31	249.38	134.58	28.83	0.00	88.93	877.03