

Article

Analytic Hierarchy Process Based Land Suitability for Organic Farming in the Arid Region

Table S1 Pairwise Comparison matrix.

Class	Geology	Soil pH	Soil Texture	LULC	LST	DD	Road	Slope	SOC	Salinity	NDVI	Rainfall
Geology	1.00	2.00	3.00	4.00	5.00	6.00	6.00	7.00	7.00	8.00	8.00	9.00
Soil pH	0.50	1.00	2.00	3.00	4.00	5.00	6.00	6.00	7.00	7.00	8.00	8.00
Soil Texture	0.33	0.50	1.00	2.00	3.00	4.00	5.00	6.00	6.00	7.00	7.00	8.00
Lulc	0.25	0.33	0.50	1.00	2.00	3.00	4.00	5.00	6.00	6.00	7.00	7.00
LST	0.20	0.25	0.33	0.50	1.00	2.00	3.00	4.00	5.00	6.00	6.00	7.00
DD	0.17	0.20	0.25	0.33	0.50	1.00	2.00	3.00	4.00	5.00	6.00	6.00
Road	0.17	0.17	0.20	0.20	0.25	0.33	1.00	2.00	3.00	4.00	5.00	6.00
Slope	0.14	0.17	0.17	0.17	0.20	0.25	0.50	1.00	2.00	3.00	4.00	5.00
SOC	0.14	0.14	0.17	0.17	0.17	0.20	0.25	0.50	1.00	2.00	3.00	4.00
Salinity	0.13	0.14	0.14	0.14	0.17	0.17	0.20	0.33	0.50	1.00	2.00	3.00
NDVI	0.13	0.13	0.14	0.14	0.14	0.17	0.17	0.25	0.33	0.50	1.00	2.00
Rainfall	0.11	0.13	0.14	0.14	0.14	0.17	0.17	0.20	0.25	0.33	0.50	1.00
	3.3	5.2	8.0	11.8	16.6	22.3	28.3	35.3	42.1	49.8	57.5	66.0

Table S2 Normalized Comparison matrix.

[illegible]