

Supplementary Table S2. Valuation of criteria's index class in Eastern Black Sea Subregion.

Climate														
Aridity			Annual Average Number of Rainy Days			Dry Period Average Number of Rainy Days			Annual Average Maximum Air Temperature (°C)					
index	Area		index	Area		index	Area		index	Area				
	ha	%		ha	%		ha	%		ha	%			
1	75.4	0.2	1	2922.2	6.1	1	-	-	1	10723.52	22.4			
2	403.4	0.8	2	16656.4	34.9	2	4759	10.0	2	10189.04	21.3			
3	10949.4	22.9	3	3555.0	7.4	3	37745	79.0	3	13440.36	28.1			
4	36338.8	76.1	4	24633.4	51.6	4	5263	11.0	4	13414.08	28.1			
Geo-Topography														
Warm Period (May-September) Average Maximum Air Temperature (°C)			Parent material			Slope			Aspect			Elevation		
index	Area		index	Area		index	Area		index	Area		index	Area	
	ha	%		ha	%		ha	%		ha	%		ha	%
3	20955.2	43.8	1	1326.68	2.8	1	32129.6	67.3	1	10812.9	22.6	1	31286.5	65.5
4	26841.8	56.2	2	31786.97	66.5	2	9494.3	19.9	2	10686.9	22.4	2	10786.9	22.6
-			3	13668.39	28.6	3	4678.7	9.8	3	7968.9	16.7	3	4095.0	8.6
-			4	984.96	2.1	4	1464.4	3.1	4	18298.3	38.3	4	1598.6	3.3
Vegetation							Soil							
LULC			Vegetation cover (NDVI)			Soil depth			Organic matter			Erosion		
index	Area		index	Area		index	Area		index	Area		index	Area	
	ha	%		ha	%		ha	%		ha	%		ha	%
1	2112	4.4	1	14253.0	29.8	1	20736.0	43.4	1	-	-	1	6759.1	14.2
2	11069	23.2	2	15632.0	32.7	2	18748.0	39.2	2	6946.0	14.5	2	4475.4	9.4
3	11593	24.3	3	9909.0	20.7	3	6958.0	14.6	3	20355.0	42.6	3	5310.6	11.1
4	22993	48.1	4	7973.0	16.7	4	1316.0	2.8	4	20469.0	42.9	4	31221.9	65.4
Soil														
pH			Lime (CaCO ₃)			Bulk density			Texture					
index	Area		index	Area		index	Area		index	Area				
	ha	%		ha	%		ha	%		ha	%			
1	33741.0	70.6	1	680.9	1.4	1	-	-	1	20278.2	42.5			
2	93.8	0.2	2	28794.4	60.3	2	31706	66.4	2	0.8	0.0			
3	8963.8	18.8	3	8902.4	18.6	3	16012	33.5	3	26276.0	55.0			
4	4968.4	10.4	4	9389.3	19.7	4	49	0.1	4	1212.0	2.5			