

Sample areas	Score of rocky desertification	Aspect	Soil pH	Gradient (°)	Altitude (m)	Bedrock exposure rate	Vegetation coverage	Disturbance regimes
LRD	34(≤ 45)	South	5.56	20°	500	35 %	80 %	Slight human disturbance, rarely grazed
MRD	48(46–60)	Northeast	5.57	18°	500	57 %	75 %	Abandoned farmland, no disturbance after abandoning cultivation
IRD	67(61–75)	Southwest	5.59	17°	480	73 %	40 %	Slight human disturbance, rarely grazed