



THE STUDY ON
 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE

JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. D.2.1 Erosion Risk Map (1/2)

SYMBOL	TYPE OF EROSION	DOMINANT EROSIVE PROCESS	SOIL DEGRADATION ESTIMATE	
			EROSION GRADE	SEDIMENT SUPPLY
1		Without special process	-	Null
2	Pluvial	Particles loosening and dispersion due to rain splash	Light	Null to light
3	Sub Superficial run-off	Diffuse hypodermic haulage without filling in the drainage axis	Light	Null
4		Diffuse hypodermic haulage without filling in the drainage axis	Light	Medium to strong
5		Concentrate hypodermic haulage	Light to moderate	Null to light
6	Superficial run-off	Light diffuse without soil denudation	Light	Null to light
7		Moderate diffuse with slight soil denudation	Moderate	Light
8		Diffuse intense to laminate with strong denudation of truncation of soil	Moderate to severe	Medium to strong
9		Concentrated with moderate furrow development	Slight	Light
10		Concentrated with moderate furrow development	Moderate	Medium
11		Concentrated, with intense furrow development with transition to gully	Severe	Medium to strong
12		Concentrated with incipient gully development	Light	Medium
13		Concentrated with moderate gully development	Moderate to Severe	Strong
14		Concentrated with high Bad-lands development	Very severe	Very strong
15		Concentrated but with gully in stabilization process	Severe	Medium
16	Bulk removals	Gravitational movements with collapse or detachment with very low hydric saturation	Moderate	Strong
17		Hydro gravitational movements with soil mass crawling	Moderate	Light
18		Hydro gravitational movements that originate displacement	Moderate	Light
19		Hydro gravitational movements that originate landslides	Severe	Very Strong
20		Slow and progressive mass displacements (sloughing) by hydr	Moderate	Light to medium
21	Chemical dissolution	Karstification	Slight	Light
22		Rocky appearances under different erosive processes		

Legend of Erosion Risk Map

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Fig. D.2.1 Erosion Risk Map (2/2)