

Supplementary Material (SM)

Distribution of Exchangeable Magnesium in Lowland Rice-Cultivated Soils of Sri Lanka as Affected by the Differences in Climate, Soil, and Water Source

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SM 1 The number of soil samples collected from each climatic zone (CZ), agro-climatic zone (ACZ), and soil order to test exchangeable magnesium (Mg) concentration in paddy soils

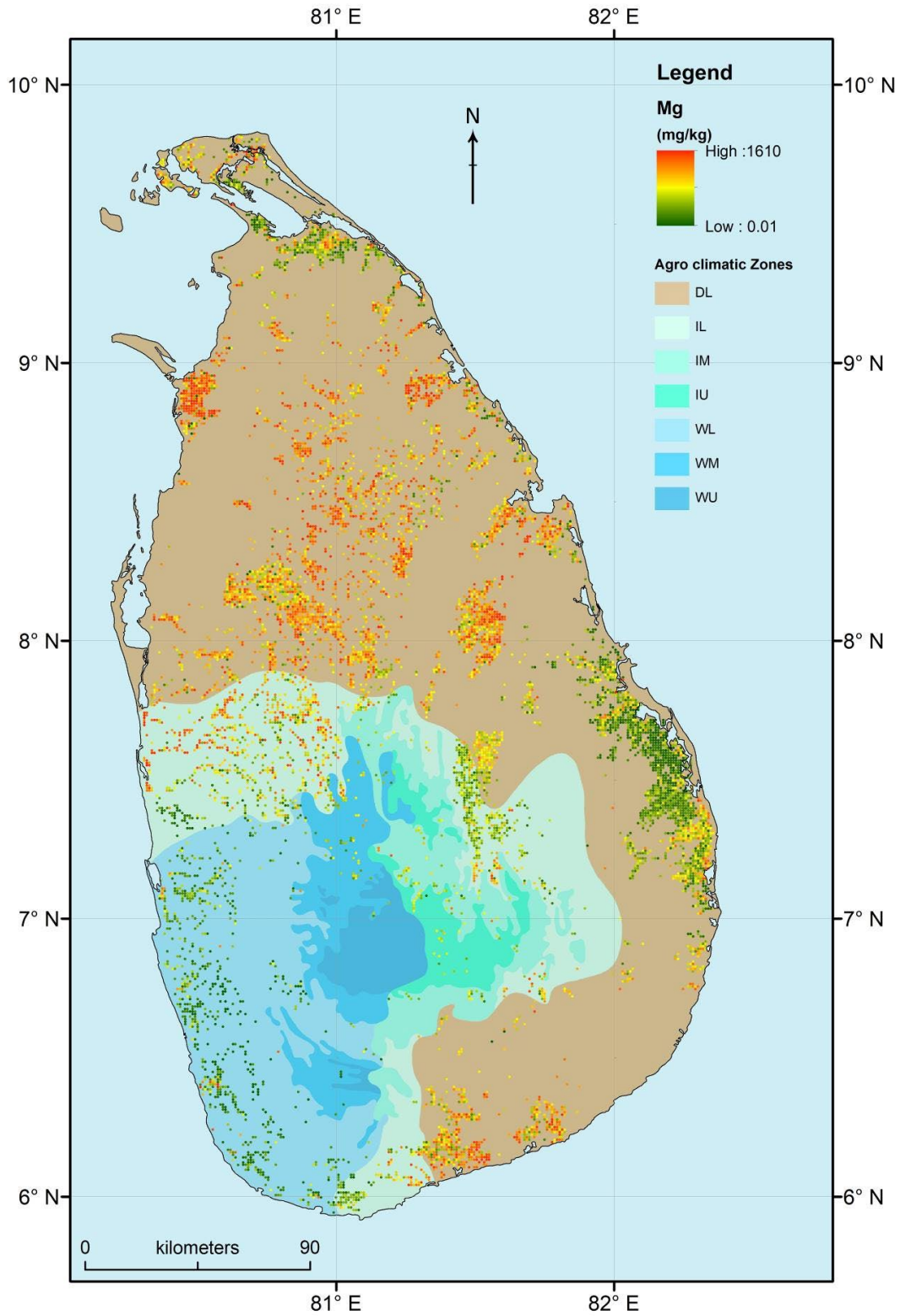
CZ	Dry zone		Intermediate zone		Wet zone		Total
ACZ	Dry zone low country	Intermediate zone low country	Intermediate zone mid country	Intermediate zone up country	Wet zone low country	Wet zone mid country	
Soil orders							
Alfisols	2,875	302	10	2	3	-	3,192
Entisols	1,554	151	19	5	218	36	1,983
Histosols	-	22	-	-	24	-	46
Inceptisols	450	12	10	-	-	-	472
Ultisols	40	407	25	3	305	6	786
Vertisols	187	-	-	-	-	-	187
Total	5,106	894	64	10	550	42	6,666
	5,106		968		592		

Note: Soil order of some samples was not known, therefore the sample size stated in this table is less than the total number of samples collected, i.e. <9,038.

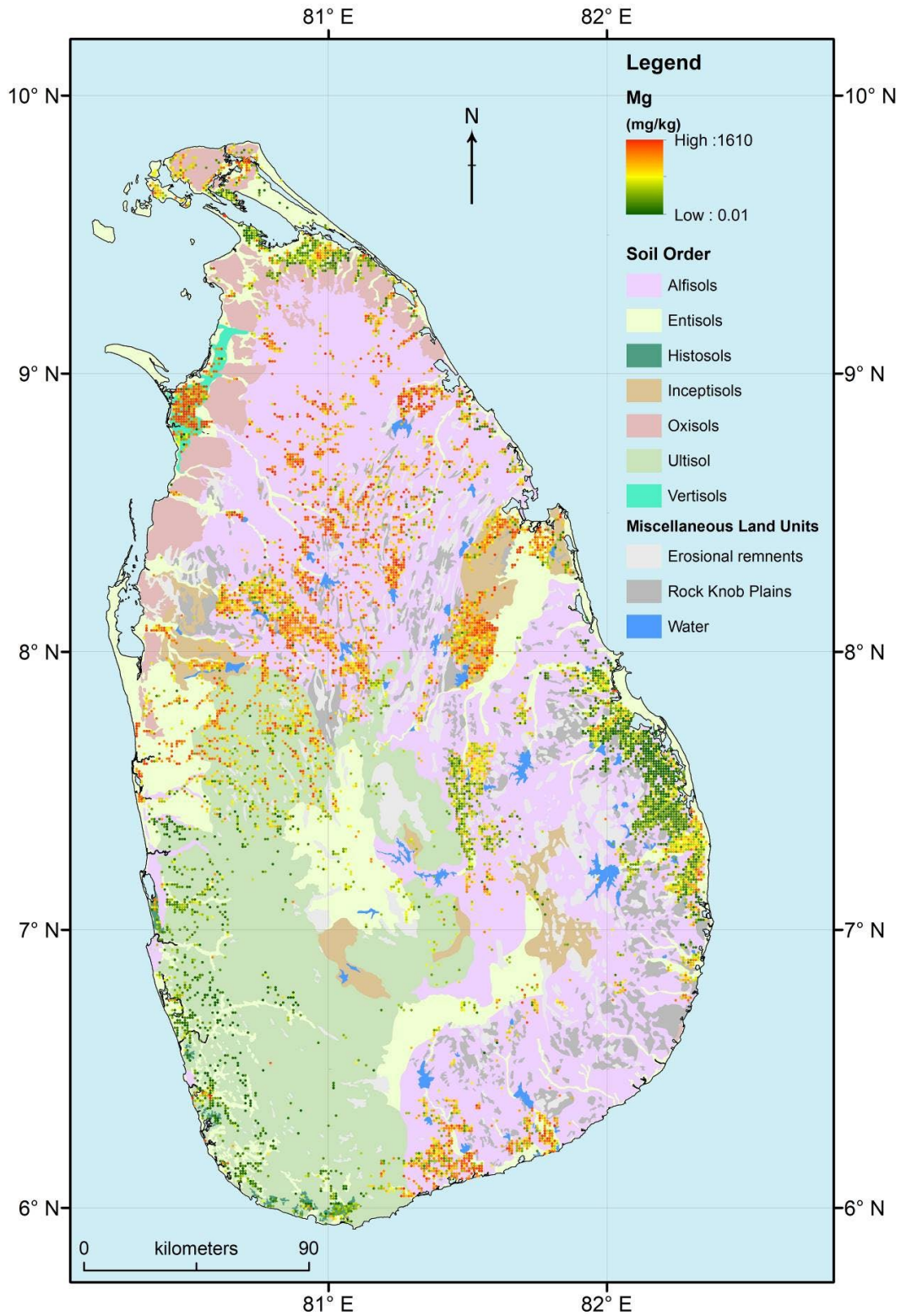
SM 2 The number of soil samples collected from each climatic zone (CZ), agro-climatic zone (ACZ), and water source to test exchangeable magnesium (Mg) concentration in paddy soil

CZ	Dry zone		Intermediate zone		Wet zone		Total
ACZ	Dry zone low country	Intermediate zone low country	Intermediate zone mid country	ACZ	Dry zone low country	Intermediate zone low country	
Soil orders							
Major	2,572	432	6	-	55	-	3,065
Minor	1,365	310	22	-	98	-	1,795
Rainfed	1,400	225	51	10	439	43	2,168
Total	5,337	967	79	10	592	43	7,028
	5,337		1056		635		

Note: Water source of some samples was not known, therefore the sample size stated in this table is less than the total number of samples collected, i.e. <9,038.



SM 3 Spatial distribution of exchangeable Mg concentration in the paddy fields used to cultivate rice in different agro-climatic zones of Sri Lanka.



SM 4 Spatial distribution of exchangeable Mg concentration in the paddy fields used to cultivate rice under different soil orders of Sri Lanka.