

Legend

Rivers	Cultivated areas of the coastal region
Forestal	Coastal/desert
Bh-mo Mountain Rain Forest	Wetscrub
Bs-co Dry Forest Hills	Dryscrub
Bs-no Mountain Dry Forest	Humid Scrubland / Sub wet scrub
Bs-Sa Savanna-Dry Forest	Grassland
Cu	
Dc	
Mh	
Ms	
Msh	
Pl	

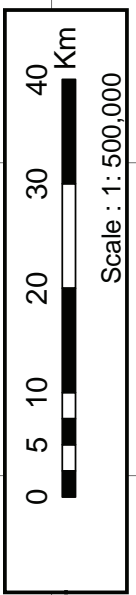
PROJECT OF THE PROTECTION OF FLOOD PLAIN AND
VULNERABLE RURAL POPULATION AGAINST FLOODS

Forestry Map 1995

Chira River Basin

CHR_06

Source : Dirección General Forestal - 1995
WGS 1984 UTM Zone 17S
Projection: UniversalTransverse Mercator



9410000 9440000 9470000 9500000 9530000

0 -30000 -60000 -90000 -120000 -150000 -180000

0 5 10 20 30 40 Km

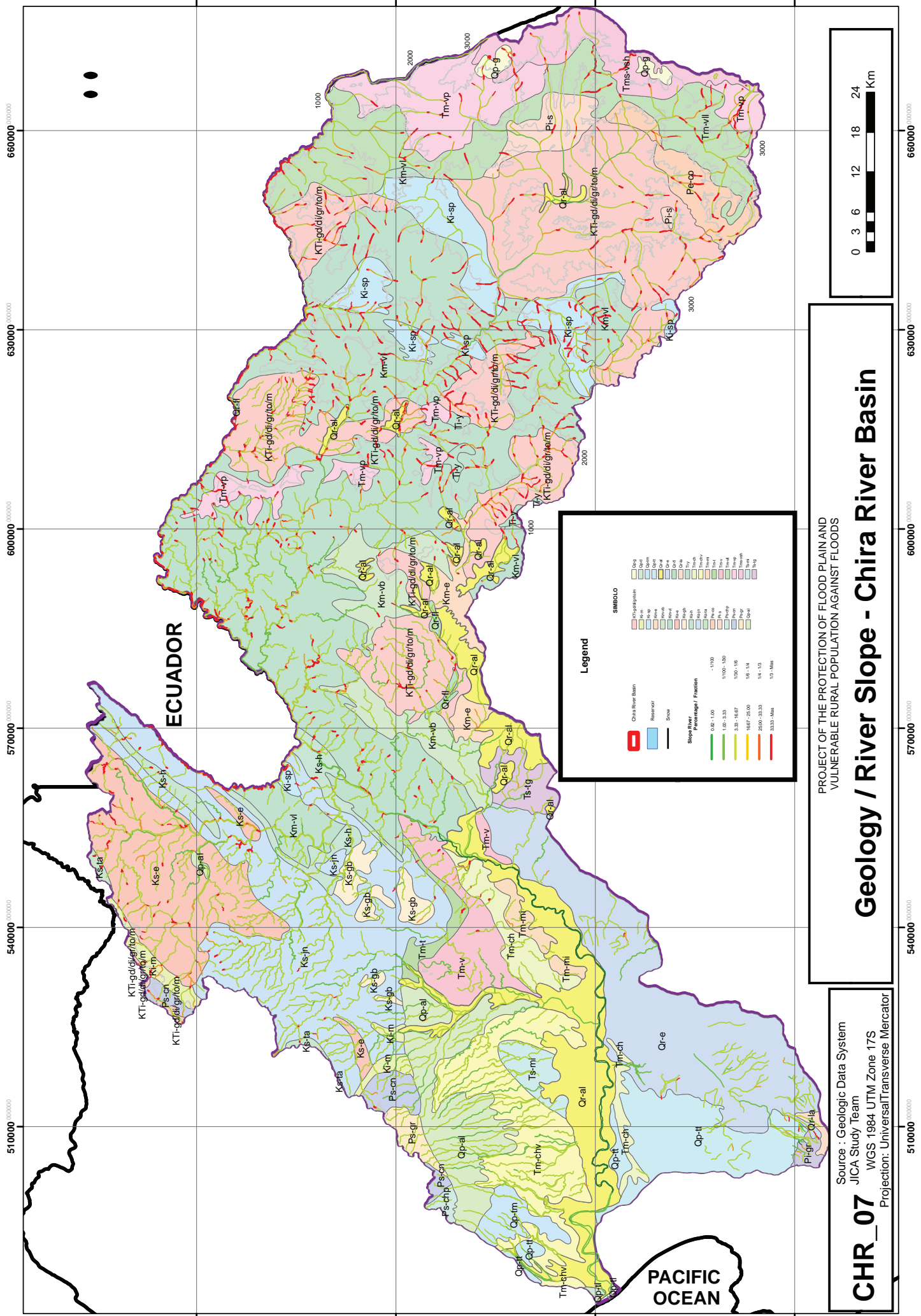
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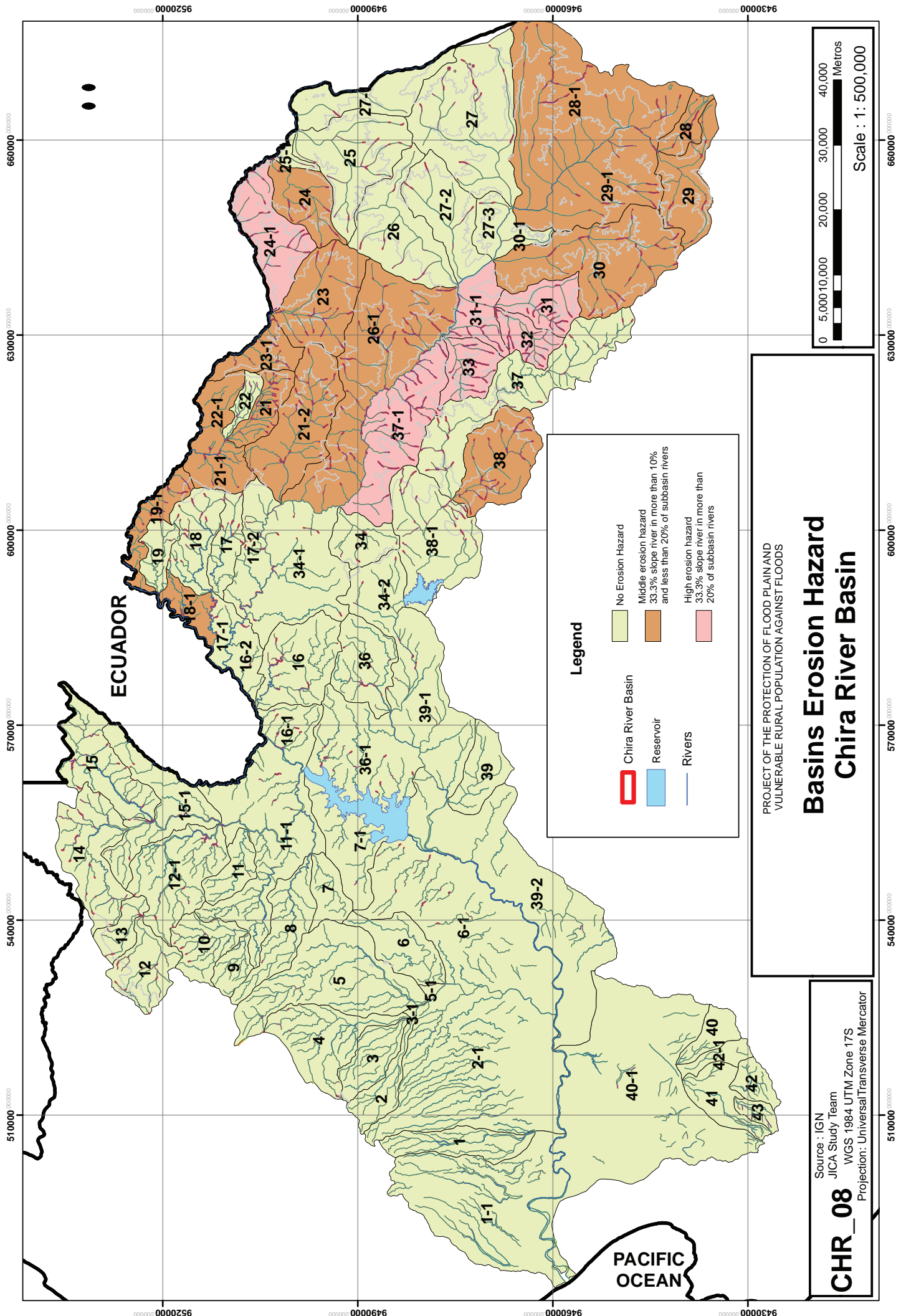
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PACIFIC OCEAN

ICA

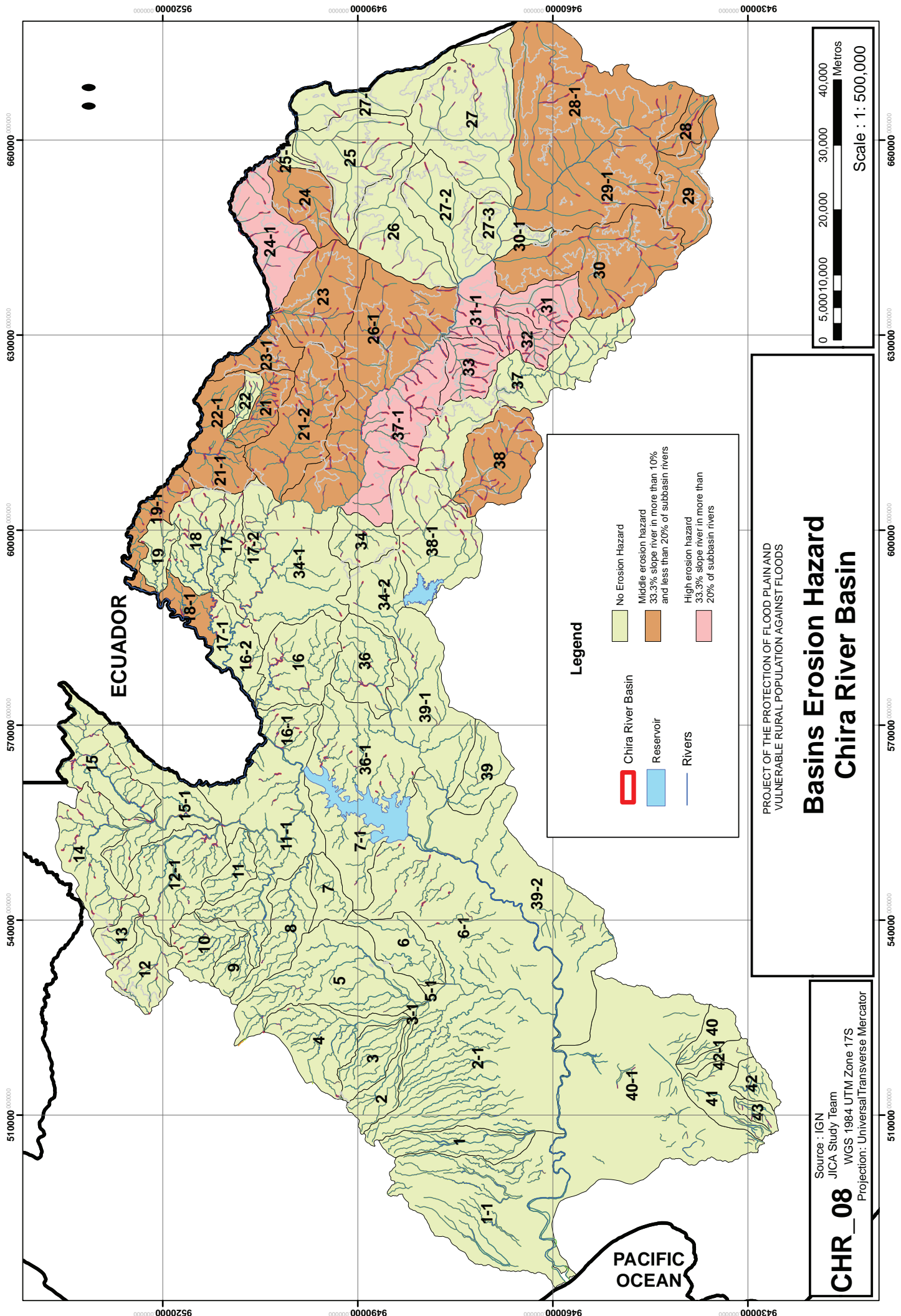
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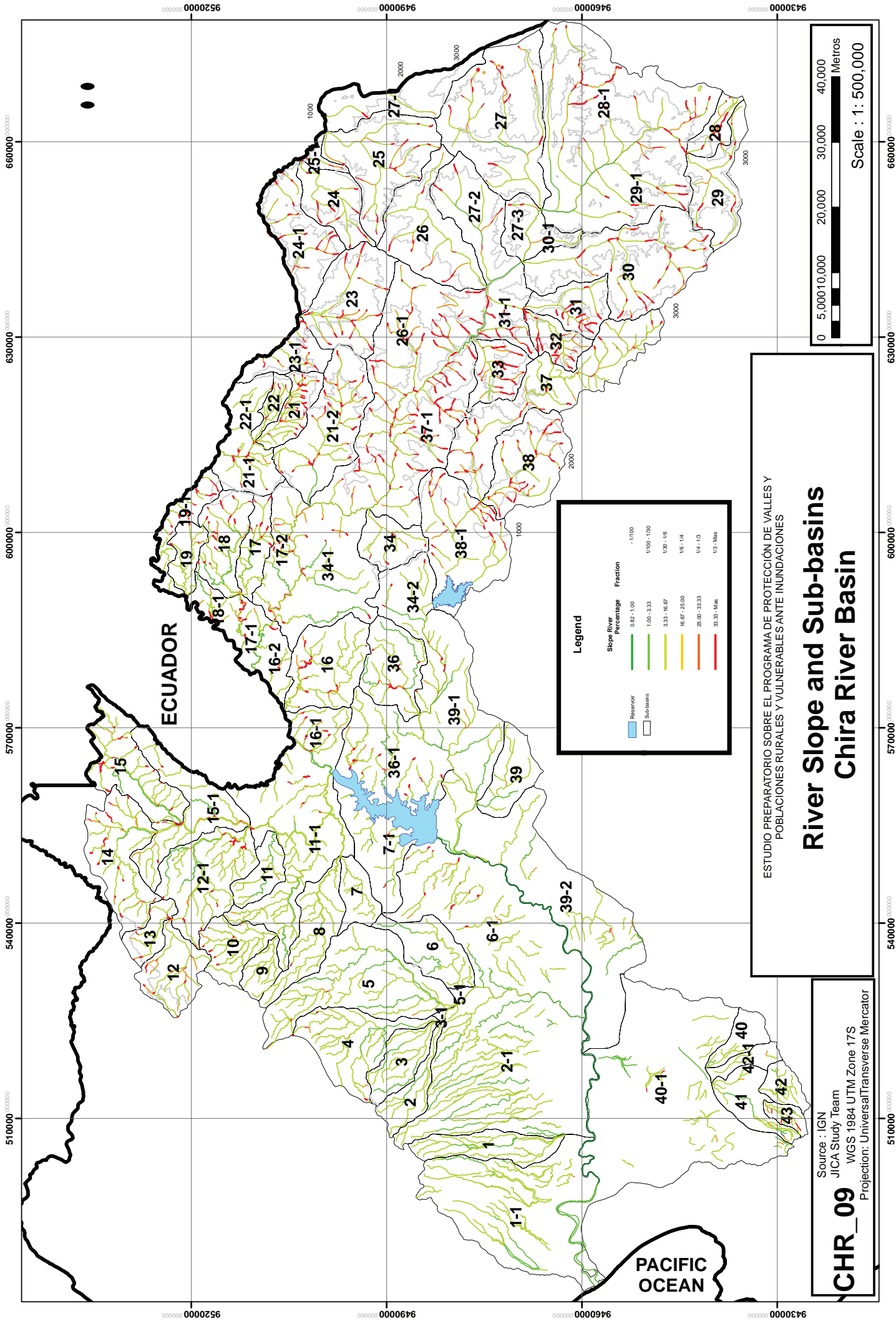




ECUADOR

PACIFIC OCEAN





ECUADOR

PACIFIC OCEAN

Legend

Slope River Percentage	Fraction
Light Green	0.82 - 1.00
Medium Green	1.00 - 3.33
Yellow-Green	3.33 - 16.67
Yellow	16.67 - 25.00
Orange	25.00 - 33.33
Red	33.33 - Max

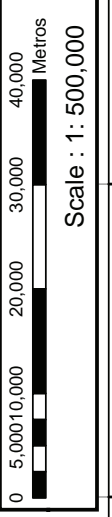
Blue	Reservoir
Black outline	Sub-basins

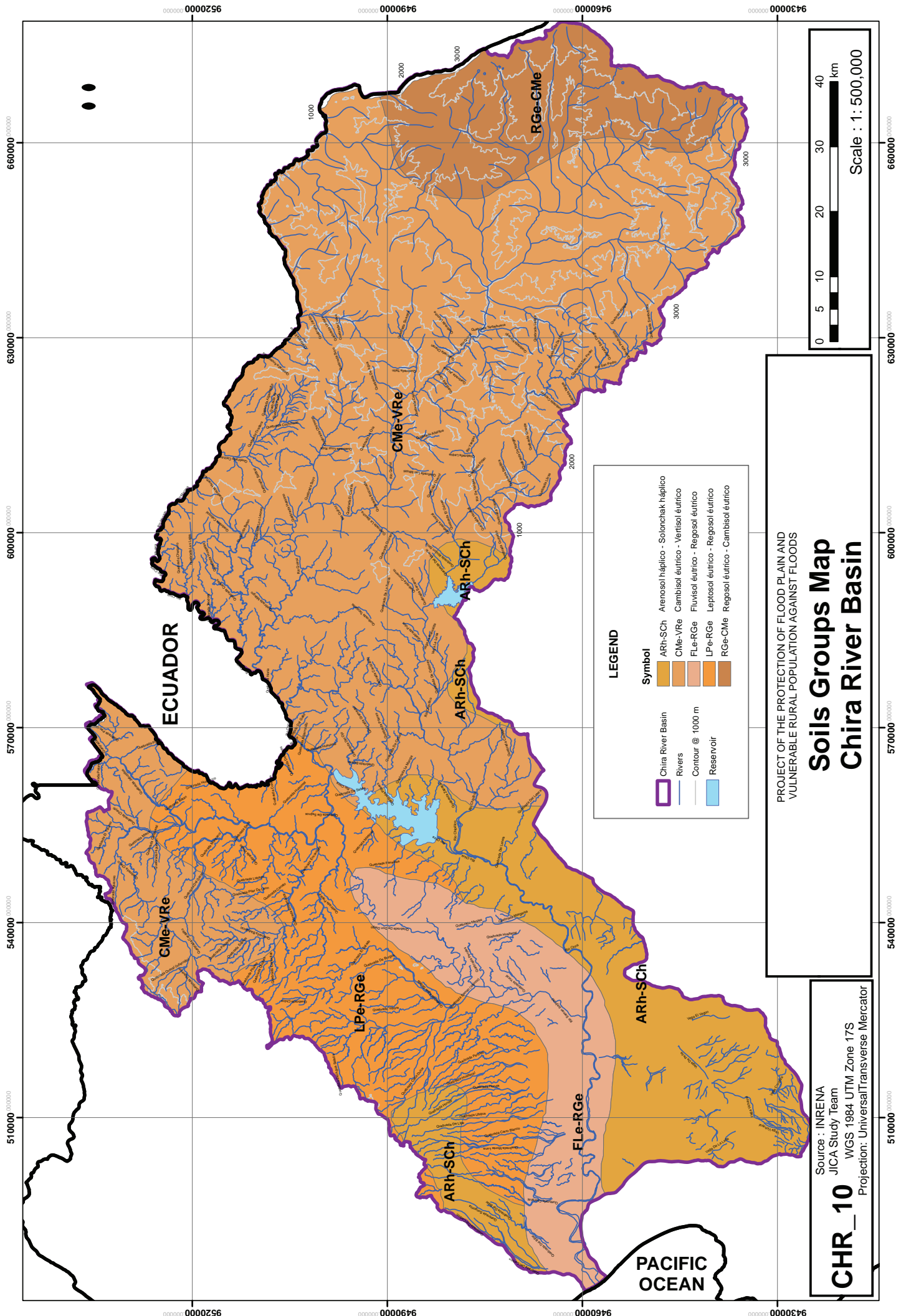
ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

River Slope and Sub-basins Chira River Basin

CHR_09

Source : IGN
 JICA Study Team
 WGS 1984 UTM Zone 17S
 Projection: Universal Transverse Mercator





PROJECT OF THE PROTECTION OF FLOOD PLAIN AND VULNERABLE RURAL POPULATION AGAINST FLOODS

Soils Groups Map

Chira River Basin

CHR_10
 Source : INRENA
 JICA Study Team
 WGS 1984 UTM Zone 17S
 Projection: Universal Transverse Mercator

LEGEND

Symbol	Soil Group	Description
[Orange Box]	ARh-SCh	Arenoso háplico - Solonchak háplico
[Light Orange Box]	CMe-VRe	Cambisol éútrico - Vertisol éútrico
[Lighter Orange Box]	FLe-RGe	Fluvisol éútrico - Regosol éútrico
[Lightest Orange Box]	LPe-RGe	Leptosol éútrico - Regosol éútrico
[Darkest Orange Box]	RGe-CMe	Regosol éútrico - Cambisol éútrico

[Purple Outline] Chira River Basin
 [Blue Line] Rivers
 [Grey Line] Contour @ 1000 m
 [Light Blue Box] Reservoir