

1 Article

2 Environmental Land Use Conflicts in a Macroscale River Basin: A Preliminary Study 3 Based on the Ruggedness Number

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9 **Table S1.** Identification of environmental land use conflicts in Rio Grande sub-basins.

Sub-basins	Land use (%) - Rio Grande sub-basins						Use Potential
	Agriculture	Pasture	Forestry	Preservation Area	Built area	Water	
Sub1	55.13	32.48	0.01	7.67	1.22	3.50	Agriculture
Sub2	59.93	28.08	—	7.55	1.02	3.42	Agriculture
Sub3	67.98	21.89	0.01	6.90	2.05	1.17	Agriculture
Sub4	58.17	28.82	—	10.37	0.61	2.03	Agriculture
Sub5	71.25	18.26	0.03	8.31	1.39	0.76	Agriculture
Sub6	38.53	41.36	0.09	14.96	0.66	4.40	Agriculture
Sub7	54.31	30.30	1.11	12.53	1.29	0.46	Agriculture
Sub8	53.02	31.39	1.35	12.64	1.52	0.08	Agriculture
Sub9	48.51	39.98	1.21	8.65	1.58	0.07	Agriculture
Sub10	22.64	58.13	—	16.19	0.64	2.40	Agriculture
Sub11	31.47	56.31	1.4	9.66	1.06	0.09	Preservation
Sub12	17.37	65.19	0.10	13.58	0.67	3.09	Pasture
Sub13	7.34	74.62	0.15	16.70	0.84	0.36	Forestry
Sub14	17.45	66.28	—	13.67	0.16	2.44	Agriculture
Sub15	23.1	61.07	—	11.98	0.59	3.26	Pasture

Conflict Areas

Class 1

Class 2

Class 3

Building

Acceptable

Appropriate use

Source: ANA—National Water Agency (2016) Ref. [23]

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