

# Supplementary Materials: Methodology for Evaluating the Quality of Ecosystem Maps: A Case Study in the Andes

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**Table S1.** Number of FSUs and accuracy results for the terrestrial domain in the pitot window.

Strata	Strata Abbreviation	Area (ha)	No FSU	Ecosystem Richness	Rich. Weight	FSU ( <i>n</i> )	Agreement		<i>n</i>	$\hat{p}$ (%)	$\hat{E}$ (%)	Confidence Interval	
							Yes	No				Lower Limit (%)	Upper Limit (%)
Andean Orobiome of the Eastern Mountain Range	AOEMR	40,468.37	1618.73	126	12.68	6	2	4	6	33.33	37.72	20.76	45.91
Andean Orobiome of the Eastern Mountain Range, Altiplano Cundiboyacense	AOEMR-AC	68,706.72	2748.26	158	15.90	7	6	1	7	85.71	25.92	63.49	107.93
Andean Orobiome of the Eastern Mountain Range, Llanos Piedmont	AOEMR-LP	23,756.23	950.249	45	4.53	3	2	1	3	66.67	53.34	31.10	102.23
Andean Orobiome of the Eastern Mountain Range, Floodplains, Llanos Piedmont	AOEMR-F-LP	11,172.95	446.91	20	2.01	3	2	1	3	66.67	53.34	31.10	102.23
Andean Azonal Orobiome of the Eastern Mountain Range	AAOEMR	854.10	34.163	4	0.40	3	1	2	3	33.33	53.34	15.55	51.11
Andean Azonal Orobiome of the Eastern Mountain Range, Altiplano Cundiboyacense	AAOEMR-AC	36,715.68	1468.62	25	2.52	3	1	5	6	16.67	29.82	11.70	21.64
Páramo Azonal Orobiome of the Eastern Mountain Range, Altiplano Cundiboyacense	PAOEMR-AC	587.67	23.50	3	0.30	3	2	1	3	66.67	53.34	31.10	102.23
Páramo Orobiome of the Eastern Mountain Range	POEMR	72,315.22	2892.6	65	6.54	3	3	0	3	100.00	0.00	100.00	100.00
Páramo Orobiome of the Eastern Mountain Range, Altiplano Cundiboyacense	POEMR-AC	130,749.76	5229.99	61	6.14	3	5	1	6	83.33	29.82	58.48%	108.18

Páramo Orobiome of the Eastern Mountain Range, Llanos Piedmont	POEMR-LP	6444.92	257.79	9	0.91	3	3	0	3	100.00	0.00	100.00	100.00
Sub-Andean Orobiome of the Eastern Mountain Range	SOEMR	5036.66	201.46	7	0.70	3	0	3	3	0.00	0.00	0.00	0.00
Sub-Andean Orobiome of the Eastern Mountain Range, Altiplano Cundiboyacense	SOEMR-AC	224.54	8.98	2	0.20	3	0	3	3	0.00	0.00	0.00	0.00
Sub-Andean Orobiome of the Eastern Mountain Range, Llanos Piedmont	SOEMR-LP	10,712.48	428.49	38	3.82	3	2	1	3	66.67	53.34	31.10	102.23
Sub-Andean Orobiome of the Eastern Mountain Range, Floodplains, Llanos Piedmont	SOEMRR-F-LP	37,909.53	1516.38	66	6.64	3	2	1	3	66.67	53.34	31.10	102.23
Sub-Andean Orobiome of the Floodplains, Llanos Piedmont	SO-F-LP	1229.78	49.191	13	1.31	3	1	2	3	33.33	53.34	15.55	51.11
Peinobiome of the Eastern Mountain Range, Floodplains, Llanos Piedmont	PEMR-F-LP	166.81	6.67	2	0.20	3	0	3	3	0.00	0.00	0.00	0.00
Transformed	TRAN	822,932.98	32,917.3 1	258	25.96	12	11	1	12	91.67	15.64	77.33	106.00
Tropical Humid Zonobiome of the Eastern Mountain Range, Floodplains, Llanos Piedmont	HZEMR-F-LP	12,062.39	482.49	38	3.82	3	1	2	3	33.33	53.34	15.55	51.11
Tropical Humid Zonobiome of the Floodplains, llanos Piedmont	HZ-F-LP	15,048.36	601.93	47	4.73	3	2	1	3	66.67	53.34	31.10	102.23
Tropical Humid Zonobiome of the Eastern Mountain Range	HZEMR	2770.51	110.82	7	0.70	3	2	1	3	66.67	53.34	31.10	102.23
<b>TOTAL</b>		1,299,865.6 6		<b>994</b>		<b>76</b>	<b>48</b>	<b>34</b>	<b>82</b>	<b>58.54</b>	<b>10.66</b>	<b>52.29</b>	<b>64.78</b>

**Table S2.** Number of FSUs and accuracy results for the aquatic domain in the pilot window.

Strata	Strata Abbreviation	Area (ha)	No FSU	Ecosystem Richness	Rich Weight	FSU ( <i>n</i> )	Agreement		<i>n</i>	$\hat{p}$ (%)	$\hat{E}$ (%)	Confidence Interval	
							Yes	No				Lower Limit (%)	Upper Limit (%)
Lentic Andean-Atlantic	LeAA	5922.25	2368.90	14	13.08	6	5	1	6	83.33	29.82	58.48	108.18
Lotic Andean-Atlantic	LoAA	6935.62	2774.25	13	12.15	6	6	1	7	85.71	25.92	63.49	107.93
Transitional Andean-Atlantic	TrAA	6061.99	242.48	12	11.21	5	5	2	7	71.43	33.47	47.52	95.33
Lentic Andean sensu stricto	LeASS	3939.32	1575.73	12	11.21	5	5		5	100.00	0.00	100.00	100.00
Lotic Andean sensu stricto	LoASS	1242.51	497.01	9	8.41	4	2	2	4	50.00	49.00	25.50	74.50
Transitional Andean sensu stricto	TrASS	2416.99	96.68	9	8.41	4	4		4	100.00	0.00	100.00	100.00
Artificial	Art	7582.24	18,955.61	7	6.54	3	2	1	3	66.67	53.34	31.10	102.23
Transformed	Tran	49851.60	1994.06	31	28.97	13	12	1	13	92.31	14.49	78.94	105.68
<b>TOTAL</b>		<b>83952.52</b>		<b>107</b>		<b>46</b>	<b>41</b>	<b>8</b>	<b>49</b>	<b>83.67</b>	<b>10.35</b>	<b>75.01</b>	<b>92.33</b>