

Article

Land Suitability for Sustainable Aquaculture of Rainbow Trout (*Oncorhynchus mykiss*) in Molinopampa (Peru) based on RS, GIS, and AHP

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Received: 4 December 2019; Accepted: 30 December 2019; Published: date

1. Supplementary Materials

Table S1. Paired comparison matrix to assess the relative importance of the environmental sub-criteria used to identify areas suitable for fish farming.

Expert 1	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]					
[1] Land Cover/Land Use	1.00	0.33	2.00	2.00	0.25	0.11	0.12	0.18	0.12	0.09	0.1234	0.67	5.41	5.2543	0.0636
[2] Terrain slope	3.00	1.00	3.00	5.00	1.00	0.33	0.35	0.27	0.29	0.38	0.3241	1.70	5.25	1.115	
[3] Clay content of soil	0.50	0.33	1.00	4.00	0.20	0.06	0.12	0.09	0.24	0.08	0.1143	0.59	5.13	0.0570	
[4] pH of soil	0.50	0.20	0.25	1.00	0.20	0.06	0.07	0.02	0.06	0.08	0.0564	0.29	5.11		
[5] Distance to rivers	4.00	1.00	5.00	5.00	1.00	0.44	0.35	0.44	0.29	0.38	0.3818	2.05	5.38		
Σ	9.00	2.87	11.25	17.00	2.65	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 2	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	λ_{max}					
[1] Land Cover/Land Use	1.00	0.25	2.00	1.00	0.33	0.11	0.09	0.22	0.07	0.12	0.1183	0.65	5.53	5.4004	0.1001
[2] Terrain slope	4.00	1.00	3.00	3.00	1.00	0.42	0.34	0.32	0.20	0.35	0.3282	1.77	5.38	1.115	
[3] Clay content of soil	0.50	0.33	1.00	4.00	0.33	0.05	0.11	0.11	0.27	0.12	0.1319	0.71	5.41	0.0898	
[4] pH of soil	1.00	0.33	0.25	1.00	0.17	0.11	0.11	0.03	0.07	0.06	0.0744	0.39	5.28		
[5] Distance to rivers	3.00	1.00	3.00	6.00	1.00	0.32	0.34	0.32	0.40	0.35	0.3472	1.87	5.39		
Σ	9.50	2.92	9.25	15.00	2.83	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 3	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	λ_{max}					
[1] Land Cover/Land Use	1.00	1.00	1.00	2.00	0.20	0.12	0.18	0.16	0.12	0.09	0.1316	0.72	5.50	5.3449	0.0862
[2] Terrain slope	1.00	1.00	2.00	7.00	0.33	0.12	0.18	0.32	0.41	0.15	0.2337	1.24	5.29	1.115	
[3] Clay content of soil	1.00	0.50	1.00	3.00	0.50	0.12	0.09	0.16	0.18	0.22	0.1519	0.79	5.23	0.0773	
[4] pH of soil	0.50	0.14	0.33	1.00	0.25	0.06	0.03	0.05	0.06	0.11	0.0610	0.32	5.18		
[5] Distance to rivers	5.00	3.00	2.00	4.00	1.00	0.59	0.53	0.32	0.24	0.44	0.4218	2.33	5.52		
Σ	8.50	5.64	6.33	17.00	2.28	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 4	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	λ_{max}					
[1] Land Cover/Land Use	1.00	0.33	0.33	0.50	0.25	0.08	0.06	0.04	0.06	0.12	0.0694	0.36	5.22	5.3167	0.0792
[2] Terrain slope	3.00	1.00	3.00	3.00	0.25	0.23	0.17	0.32	0.35	0.12	0.2384	1.29	5.43	1.115	
[3] Clay content of soil	3.00	0.33	1.00	1.00	0.25	0.23	0.06	0.11	0.12	0.12	0.1262	0.64	5.11	0.0710	
[4] pH of soil	2.00	0.33	1.00	1.00	0.33	0.15	0.06	0.11	0.12	0.16	0.1188	0.61	5.15		
[5] Distance to rivers	4.00	4.00	4.00	3.00	1.00	0.31	0.67	0.43	0.35	0.48	0.4472	2.54	5.68		
Σ	13.00	6.00	9.33	8.50	2.08	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 5	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	λ_{max}					
[1] Land Cover/Land Use	1.00	0.20	1.00	4.00	0.33	0.10	0.07	0.12	0.19	0.11	0.1198	0.63	5.24	5.2313	0.0578
[2] Terrain slope	5.00	1.00	3.00	7.00	1.00	0.49	0.37	0.37	0.33	0.34	0.3807	2.04	5.36	1.115	
[3] Clay content of soil	1.00	0.33	1.00	5.00	0.33	0.10	0.12	0.12	0.24	0.11	0.1393	0.73	5.21	0.0519	
[4] pH of soil	0.25	0.14	0.20	1.00	0.25	0.02	0.05	0.02	0.05	0.09	0.0471	0.24	5.04		
[5] Distance to rivers	3.00	1.00	3.00	4.00	1.00	0.29	0.37	0.37	0.19	0.34	0.3131	1.66	5.30		
Σ	10.25	2.68	8.20	21.00	2.92	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 6	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	λ_{max}					
[1] Land Cover/Land Use	1.00	0.14	2.00	3.00	0.25	0.08	0.04	0.19	0.14	0.10	0.1120	0.60	5.35	5.4353	0.1088
[2] Terrain slope	7.00	1.00	5.00	7.00	0.50	0.55	0.29	0.48	0.33	0.21	0.3717	2.17	5.84	1.115	
[3] Clay content of soil	0.50	0.20	1.00	3.00	0.50	0.04	0.06	0.10	0.14	0.21	0.1090	0.55	5.01	0.0976	
[4] pH of soil	0.33	0.14	0.33	1.00	0.14	0.03	0.04	0.03	0.05	0.06	0.0413	0.22	5.33		
[5] Distance to rivers	4.00	2.00	2.00	7.00	1.00	0.31	0.57	0.19	0.33	0.42	0.3661	2.06	5.64		
Σ	12.83	3.49	10.33	21.00	2.39	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert average	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	λ_{max}					
[1] Land Cover/Land Use											0.1124			5.3305	0.0826
[2] Terrain slope											0.3128			1.115	
[3] Clay content of soil											0.1288			0.0741	
[4] pH of soil											0.0665				
[5] Distance to rivers											0.3795				
Σ											1.0000				

Table S2. Paired comparison matrix to assess the relative importance of the economic sub-criteria used to identify suitable areas for fish farming.

Expert 1	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads	1.00	3.00	3.00	0.60	0.67	0.50	0.5889	1.82	3.09	IC	3.0539
[2] Distance to markets	0.33	1.00	2.00	0.20	0.22	0.33	0.2519	0.77	3.04	IA	0.525
[3] Distance to inputs	0.33	0.50	1.00	0.20	0.11	0.17	0.1593	0.48	3.02	RC	0.0513
Σ	1.67	4.50	6.00	1.00	1.00	1.00	1.0000				
Expert 2	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads	1.00	3.00	5.00	0.65	0.69	0.56	0.6333	1.95	3.07	IC	0.0194
[2] Distance to markets	0.33	1.00	3.00	0.22	0.23	0.33	0.2605	0.79	3.03	IA	0.525
[3] Distance to inputs	0.20	0.33	1.00	0.13	0.08	0.11	0.1062	0.32	3.01	RC	0.0369
Σ	1.53	4.33	9.00	1.00	1.00	1.00	1.0000				
Expert 3	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads	1.00	3.00	5.00	0.65	0.69	0.56	0.6333	1.95	3.07	IC	0.0194
[2] Distance to markets	0.33	1.00	3.00	0.22	0.23	0.33	0.2605	0.79	3.03	IA	0.525
[3] Distance to inputs	0.20	0.33	1.00	0.13	0.08	0.11	0.1062	0.32	3.01	RC	0.0369
Σ	1.53	4.33	9.00	1.00	1.00	1.00	1.0000				
Expert 4	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads	1.00	2.00	5.00	0.59	0.57	0.63	0.5949	1.79	3.01	IC	0.0028
[2] Distance to markets	0.50	1.00	2.00	0.29	0.29	0.25	0.2766	0.83	3.00	IA	0.525
[3] Distance to inputs	0.20	0.50	1.00	0.12	0.14	0.13	0.1285	0.39	3.00	RC	0.0053
Σ	1.70	3.50	8.00	1.00	1.00	1.00	1.0000				
Expert 5	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads	1.00	0.33	1.00	0.20	0.18	0.25	0.2106	0.63	3.01	IC	0.0092
[2] Distance to markets	3.00	1.00	2.00	0.60	0.55	0.50	0.5485	1.66	3.03	IA	0.525
[3] Distance to inputs	1.00	0.50	1.00	0.20	0.27	0.25	0.2409	0.73	3.01	RC	0.0174
Σ	5.00	1.83	4.00	1.00	1.00	1.00	1.0000				
Expert 6	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads	1.00	2.00	3.00	0.55	0.50	0.60	0.5485	1.66	3.03	IC	0.0092
[2] Distance to markets	0.50	1.00	1.00	0.27	0.25	0.20	0.2409	0.73	3.01	IA	0.525
[3] Distance to inputs	0.33	1.00	1.00	0.18	0.25	0.20	0.2106	0.63	3.01	RC	0.0174
Σ	1.83	4.00	5.00	1.00	1.00	1.00	1.0000				
Expert average	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	Vector (WSV)		λ_{max}	
[1] Distance to roads							0.5349			IC	0.0145
[2] Distance to markets							0.3065			IA	0.525
[3] Distance to inputs							0.1586			RC	0.0275
Σ							1.0000				

Table S3. Paired comparison matrix to assess the relative importance of the social sub-criteria used to identify suitable areas for fish farming.

Expert 1	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations	1.00	3.00	0.7500	0.7500	0.7500
[2] Protected areas	0.33	1.00	0.2500	0.2500	0.2500
Σ	1.33	4.00	1.00	1.00	1.0000
Expert 2	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations	1.00	4.00	0.80	0.80	0.8000
[2] Protected areas	0.25	1.00	0.20	0.20	0.2000
Σ	1.25	5.00	1.00	1.00	1.0000
Expert 3	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations	1.00	4.00	0.80	0.80	0.8000
[2] Protected areas	0.25	1.00	0.20	0.20	0.2000
Σ	1.25	5.00	1.00	1.00	1.0000
Expert 4	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations	1.00	5.00	0.83	0.83	0.8333
[2] Protected areas	0.20	1.00	0.17	0.17	0.1667
Σ	1.20	6.00	1.00	1.00	1.0000
Expert 5	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations	1.00	4.00	0.80	0.80	0.8000
[2] Protected areas	0.25	1.00	0.20	0.20	0.2000
Σ	1.25	5.00	1.00	1.00	1.0000
Expert 6	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations	1.00	3.00	0.75	0.75	0.7500
[2] Protected areas	0.33	1.00	0.25	0.25	0.2500
Σ	1.33	4.00	1.00	1.00	1.0000
Expert average	Paired Comparison Matrix		Normalized ComparisonMatrix		Prioritization Vector (PV)
	[1]	[2]	[1]	[2]	
[1] Distance to populations					0.7889
[2] Protected areas					0.2111
Σ					1.0000

Table S4. Paired comparison matrix to assess the relative importance of the sub-criteria of physicochemical quality of water used to identify areas suitable for fish farming.

Expert 1	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]					
[1] pH	1.00	0.25	2.00	4.00	4.00	0.17	0.13	0.32	0.24	0.24	0.2158	1.23	5.71	IC	0.0978
[2] Temperature	4.00	1.00	3.00	5.00	5.00	0.67	0.50	0.47	0.29	0.29	0.4466	2.55	5.71	IA	1.115
[3] Dissolved oxygen	0.50	0.33	1.00	6.00	6.00	0.08	0.17	0.16	0.35	0.35	0.2230	1.17	5.23	RC	0.0877
[4] Alkalinity	0.25	0.20	0.17	1.00	1.00	0.04	0.10	0.03	0.06	0.06	0.0573	0.30	5.15		
[5] Hardness	0.25	0.20	0.17	1.00	1.00	0.04	0.10	0.03	0.06	0.06	0.0573	0.30	5.15		
Σ	6.00	1.98	6.33	17.00	17.00	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 2	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]					
[1] pH	1.00	3.00	4.00	5.00	5.00	0.50	0.60	0.52	0.37	0.33	0.4659	2.50	5.37	IC	0.0514
[2] Temperature	0.33	1.00	2.00	4.00	4.00	0.17	0.20	0.26	0.30	0.27	0.2384	1.26	5.31	IA	1.115
[3] Dissolved oxygen	0.25	0.50	1.00	3.00	3.00	0.13	0.10	0.13	0.22	0.20	0.1557	0.81	5.21	RC	0.0461
[4] Alkalinity	0.20	0.25	0.33	1.00	2.00	0.10	0.05	0.04	0.07	0.13	0.0803	0.40	5.03		
[5] Hardness	0.20	0.25	0.33	0.50	1.00	0.10	0.05	0.04	0.04	0.07	0.0596	0.30	5.11		
Σ	1.98	5.00	7.67	13.50	15.00	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 3	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]					
[1] pH	1.00	0.17	0.50	4.00	4.00	0.11	0.08	0.13	0.25	0.25	0.1625	0.87	5.38	IC	0.0962
[2] Temperature	6.00	1.00	2.00	4.00	4.00	0.63	0.46	0.52	0.25	0.25	0.4230	2.48	5.85	IA	1.115
[3] Dissolved oxygen	2.00	0.50	1.00	6.00	6.00	0.21	0.23	0.26	0.38	0.38	0.2904	1.57	5.41	RC	0.0862
[4] Alkalinity	0.25	0.25	0.17	1.00	1.00	0.03	0.12	0.04	0.06	0.06	0.0620	0.32	5.14		
[5] Hardness	0.25	0.25	0.17	1.00	1.00	0.03	0.12	0.04	0.06	0.06	0.0620	0.32	5.14		
Σ	9.50	2.17	3.83	16.00	16.00	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 4	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]					
[1] pH	1.00	1.00	4.00	5.00	5.00	0.38	0.37	0.48	0.31	0.26	0.3577	2.05	5.74	IC	0.1084
[2] Temperature	1.00	1.00	3.00	5.00	5.00	0.38	0.37	0.36	0.31	0.26	0.3339	1.87	5.60	IA	1.115
[3] Dissolved oxygen	0.25	0.33	1.00	5.00	5.00	0.09	0.12	0.12	0.31	0.26	0.1809	1.02	5.63	RC	0.0972
[4] Alkalinity	0.20	0.20	0.20	1.00	3.00	0.08	0.07	0.02	0.06	0.16	0.0783	0.40	5.11		
[5] Hardness	0.20	0.20	0.20	0.33	1.00	0.08	0.07	0.02	0.02	0.05	0.0491	0.25	5.09		
Σ	2.65	2.73	8.40	16.33	19.00	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 5	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]					
[1] pH	1.00	0.25	2.00	3.00	3.00	0.16	0.11	0.37	0.21	0.21	0.2144	1.21	5.65	IC	0.0935

[2] Temperature	4.00	1.00	2.00	4.00	4.00	0.65	0.44	0.37	0.29	0.29	0.4070	2.30	5.65	IA	1.115
[3] Dissolved oxygen	0.50	0.50	1.00	5.00	5.00	0.08	0.22	0.19	0.36	0.36	0.2406	1.24	5.16	RC	0.0839
[4] Alkalinity	0.33	0.25	0.20	1.00	1.00	0.05	0.11	0.04	0.07	0.07	0.0690	0.36	5.21		
[5] Hardness	0.33	0.25	0.20	1.00	1.00	0.05	0.11	0.04	0.07	0.07	0.0690	0.36	5.21		
Σ	6.17	2.25	5.40	14.00	14.00	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert 6	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization	Weighted Sum	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	Vector (PV)	Vector (WSV)		λ_{max}	5.3828
[1] pH	1.00	0.25	2.00	4.00	4.00	0.17	0.13	0.31	0.26	0.24	0.2197	1.24	5.64	IC	0.0957
[2] Temperature	4.00	1.00	3.00	5.00	5.00	0.67	0.50	0.47	0.32	0.29	0.4513	2.57	5.69	IA	1.115
[3] Dissolved oxygen	0.50	0.33	1.00	5.00	5.00	0.08	0.17	0.16	0.32	0.29	0.2049	1.09	5.30	RC	0.0858
[4] Alkalinity	0.25	0.20	0.20	1.00	2.00	0.04	0.10	0.03	0.06	0.12	0.0712	0.36	5.10		
[5] Hardness	0.25	0.20	0.20	0.50	1.00	0.04	0.10	0.03	0.03	0.06	0.0530	0.27	5.19		
Σ	6.00	1.98	6.40	15.50	17.00	1.00	1.00	1.00	1.00	1.00	1.0000				
Expert average	Paired Comparison Matrix					Normalized ComparisonMatrix					Prioritization	Weighted Sum	WSV /PV	n	5
	[1]	[2]	[3]	[4]	[5]	[1]	[2]	[3]	[4]	[5]	Vector (PV)	Vector (WSV)		λ_{max}	5.3620
[1] pH											0.2727			IC	0.0905
[2] Temperature											0.3833			IA	1.115
[3] Dissolved oxygen											0.2159			RC	0.0812
[4] Alkalinity											0.0697				
[5] Hardness											0.0583				
Σ											1.0000				

Table S5. Paired comparison matrix to assess the relative importance of the criteria of spatial suitability used to identify suitable areas for fish farming.

Expert 1	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization Vector	Weighted Sum Vector	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	(PV)	(WSV)		λ_{max}	3.0387
[1] Ambiental	1.00	3.00	5.00	0.65	0.69	0.56	0.6333	1.95	3.07	IC	0.02
[2] Económico	0.33	1.00	3.00	0.22	0.23	0.33	0.2605	0.79	3.03	IA	0.525
[3] Social	0.20	0.33	1.00	0.13	0.08	0.11	0.1062	0.32	3.01	RC	0.0369
Σ	1.53	4.33	9.00	1.00	1.00	1.00	1.0000				
Expert 2	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization	Weighted Sum Vector	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	Vector (PV)	(WSV)		λ_{max}	3.0293
[1] Ambiental	1.00	5.00	6.00	0.73	0.77	0.67	0.7225	2.21	3.06	IC	0.01
[2] Económico	0.20	1.00	2.00	0.15	0.15	0.22	0.1741	0.53	3.02	IA	0.525
[3] Social	0.17	0.50	1.00	0.12	0.08	0.11	0.1033	0.31	3.01	RC	0.0279
Σ	1.37	6.50	9.00	1.00	1.00	1.00	1.0000				
Expert 3	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization Vector	Weighted Sum Vector	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	(PV)	(WSV)		λ_{max}	3.0037
[1] Ambiental	1.00	0.50	3.00	0.30	0.29	0.33	0.3092	0.93	3.00	IC	0.00
[2] Económico	2.00	1.00	5.00	0.60	0.59	0.56	0.5813	1.75	3.01	IA	0.525
[3] Social	0.33	0.20	1.00	0.10	0.12	0.11	0.1096	0.33	3.00	RC	0.0035
Σ	3.33	1.70	9.00	1.00	1.00	1.00	1.0000				
Expert 4	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization Vector	Weighted Sum Vector	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	(PV)	(WSV)		λ_{max}	3.0539
[1] Ambiental	1.00	2.00	5.00	0.59	0.63	0.45	0.5559	1.72	3.09	IC	0.03
[2] Económico	0.50	1.00	5.00	0.29	0.31	0.45	0.3537	1.08	3.06	IA	0.525
[3] Social	0.20	0.20	1.00	0.12	0.06	0.09	0.0904	0.27	3.01	RC	0.051
Σ	1.70	3.20	11.00	1.00	1.00	1.00	1.0000				
Expert 5	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization Vector	Weighted Sum Vector	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	(PV)	(WSV)		λ_{max}	3.0541
[1] Ambiental	1.00	0.17	0.33	0.10	0.12	0.06	0.0934	0.28	3.01	IC	0.03
[2] Económico	6.00	1.00	4.00	0.60	0.71	0.75	0.6853	2.13	3.11	IA	0.525
[3] Social	3.00	0.25	1.00	0.30	0.18	0.19	0.2213	0.67	3.04	RC	0.052
Σ	10.00	1.42	5.33	1.00	1.00	1.00	1.0000				
Expert 6	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization Vector	Weighted Sum Vector	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]	(PV)	(WSV)		λ_{max}	3.0867
[1] Ambiental	1.00	0.33	4.00	0.24	0.22	0.40	0.2842	0.88	3.08	IC	0.04
[2] Económico	3.00	1.00	5.00	0.71	0.65	0.50	0.6194	1.95	3.16	IA	0.525

[3] Social	0.25	0.20	1.00	0.06	0.13	0.10	0.0964	0.29	3.02	RC	0.083
Σ	4.25	1.53	10.00	1.00	1.00	1.00	1.0000				
Expert average	Paired Comparison Matrix			Normalized ComparisonMatrix			Prioritization Vector (PV)	Weighted Sum Vector (WSV)	WSV /PV	n	3
	[1]	[2]	[3]	[1]	[2]	[3]				λ_{max}	3.0444
[1] Ambiental							0.5349			IC	0.0222
[2] Económico							0.3065			IA	0.525
[3] Social							0.1586			RC	0.0423
Σ							1				



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