

TABLE S2 | Means $\pm$ standard deviation of environmental variables at each sampling site (S1–S4) in the Rio das Antas Energy Complex, in the period October 2016 to January 2017.

Environmental Variables	Average and Standard Deviation			
	S1	S2	S3	S4
Dam-free river (km)	150.10	32.40	46.50	203.80
River width (m)	100.90	81.80	111.90	120.40
Water temperature (°C)	22.34 $\pm$ 3.00	22.24 $\pm$ 2.95	22.67 $\pm$ 3.12	22.83 $\pm$ 2.79
Dissolved oxygen (mg/L)	7.93 $\pm$ 1.75	8.20 $\pm$ 1.91	7.94 $\pm$ 1.76	8.32 $\pm$ 1.85
Conductivity ($\mu\text{S}/\text{cm}^{-1}$)	22.34 $\pm$ 6.05	30.75 $\pm$ 10.77	30.20 $\pm$ 9.10	27.63 $\pm$ 11.62
Transparency (m)	1.14 $\pm$ 0.46	1.01 $\pm$ 0.42	1.00 $\pm$ 0.55	0.88 $\pm$ 0.41
Flow rate (m^3/s)	167.05 $\pm$ 186.65	72.39 $\pm$ 87.29	396.17 $\pm$ 999.53	75.48 $\pm$ 72.50
pH	7.66 $\pm$ 0.43	7.69 $\pm$ 0.32	7.63 $\pm$ 0.53	7.68 $\pm$ 0.37
Rainfall	1,76 $\pm$ 6.06	1.04 $\pm$ 4.13	2.18 $\pm$ 5.65	1.73 $\pm$ 4.48



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