

Supplementary material for the article:

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Supplementary material**Hydrothermal carbonization of *Miscanthus×giganteus*: structural and fuel properties of hydrochars and organic profile with the ecotoxicological assessment of the liquid phase**

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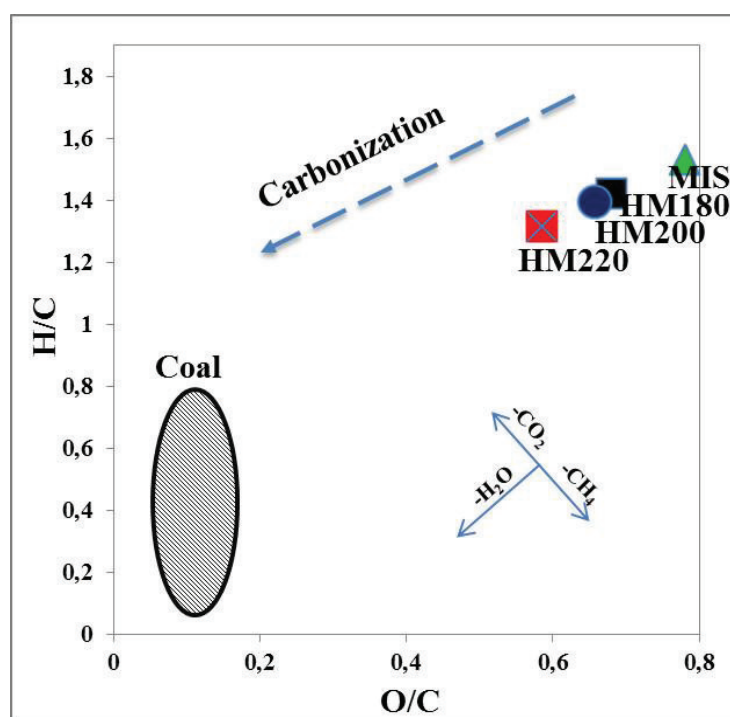


Figure S1. Van Krevelen diagram for MIS and obtained hydrochars

Table S1. Results of the toxicity test of different process waters based on bioluminescent bacteria *Vibrio fischeri*

Concentration (%)	Inhibition H (%)	Γ	EC	Concentration (%)
PWM180 (pH=7.0; c (O₂)=8.9 mg L⁻¹)				
6.25	89.58±0.81	8.598	50	1.29
3.125	75.10±0.95	3.015		
1.5625	56.09±1.15	1.277		
0.78	36.43±1.08	0.573		
0.39	21.46±1.45	0.273		
PWM200 (pH=7.0; c (O₂)=8.3 mg L⁻¹)				
6.25	87.28±0.74	6.859	50	1.05
3.125	72.97±1.05	2.700		
1.5625	57.46±0.84	1.351		
0.78	45.39±0.96	0.831		
0.39	24.98±1.25	0.333		
0.195	14.54±1.32	0.170		
PWM220 (pH=7.0; c (O₂)=8.7 mg L⁻¹)				
3.125	84.09±1.04	5.286	50	0.69
1.5625	69.22±1.12	2.249		
0.78	53.57±0.93	1.154		
0.39	35.44±1.36	0.549		
0.20	23.55±1.45	0.308		
0.1	12.57±1.17	0.144		