

Effect of Seasonal Temperature on the Performance and on the Microbial Community of a Novel AWFR for Decentralized Domestic Wastewater Pretreatment

Juanhong Li and Xiwu Lu *

This supplement elaborates on the detailed phylum of bacterial community in AWFR system.

Table S1. The relative abundance of bacterial community at phylum level.

Phylum	Startup	Spring	Summer	Autumn	Winter
Firmicutes	22.19%	37.26%	64.97%	37.68%	29.39%
Proteobacteria	33.01%	28.02%	14.96%	41.76%	31.50%
Bacteroidetes	19.94%	16.03%	10.06%	9.67%	20.66%
Chloroflexi	11.29%	6.00%	3.87%	4.30%	3.65%
Actinobacteria	3.09%	2.23%	1.17%	1.59%	3.72%
Synergistetes	0.85%	0.75%	0.92%	0.53%	1.29%
Cyanobacteria	0.96%	0.41%	0.65%	0.71%	0.32%
Acidobacteria	1.30%	1.28%	0.44%	0.55%	1.61%
Spirochaetae	0.50%	2.24%	0.25%	0.14%	1.03%
Planctomycetes	1.03%	0.68%	0.38%	0.60%	0.95%
Verrucomicrobia	0.47%	0.57%	0.38%	0.56%	0.38%
Chlamydiae	0.66%	0.18%	0.27%	0.15%	0.55%
Chlorobi	0.10%	0.19%	0.15%	0.15%	0.47%
Candidate_division_OD1	0.10%	0.06%	0.13%	0.08%	0.23%
Caldiserica	2.61%	2.24%	0.13%	0.08%	2.31%
Gemmatimonadetes	0.45%	0.21%	0.13%	0.35%	0.41%
Fusobacteria	0.02%	0.01%	0.09%	0.11%	0.00%
Nitrospirae	0.02%	0.03%	0.08%	0.21%	0.08%
Candidate_division_TM7	0.57%	0.99%	0.08%	0.21%	0.81%
Candidate_division_WS3	0.03%	0.08%	0.05%	0.05%	0.12%
Thaumarchaeota	0.00%	0.00%	0.04%	0.01%	0.00%
Deinococcus-Thermus	0.03%	0.02%	0.03%	0.02%	0.00%
Tenericutes	0.02%	0.01%	0.02%	0.03%	0.00%
Elusimicrobia	0.07%	0.19%	0.02%	0.01%	0.15%
Deferribacteres	0.09%	0.01%	0.02%	0.00%	0.04%
Fibrobacteres	0.02%	0.00%	0.01%	0.00%	0.03%
Lentisphaerae	0.00%	0.03%	0.01%	0.02%	0.05%
Thermotogae	0.00%	0.00%	0.01%	0.02%	0.00%
Dictyoglomi	0.00%	0.01%	0.00%	0.01%	0.01%
Candidate_division_KB1	0.00%	0.00%	0.00%	0.00%	0.01%
Candidate_division_OP9	0.00%	0.01%	0.00%	0.00%	0.00%
Armatimonadetes	0.03%	0.02%	0.00%	0.01%	0.03%
unclassified	0.54%	0.24%	0.71%	0.38%	0.19%