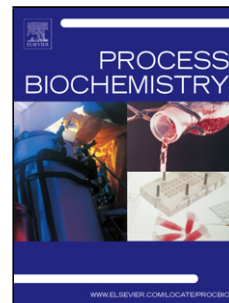


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CHARACTERIZATION OF THE BIOFILTRATION OF METHANE EMISSIONS FROM MUNICIPAL ANAEROBIC EFFLUENTS

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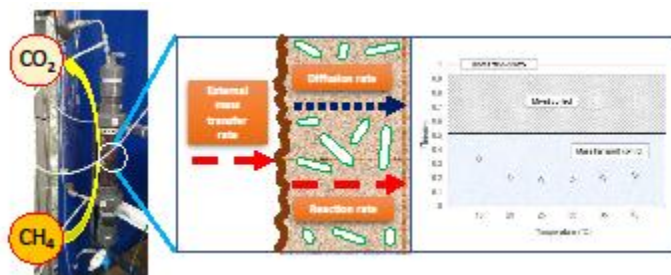
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Graphical abstract



HIGHLIGHTS

- Dissolved CH₄ in anaerobic effluents may be removed by stripping & biofiltration
- A mathematical model identified the limiting step during dilute CH₄ biofiltration
- CH₄ biofiltration is mainly limited by substrate diffusion in the biofilm

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