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In situ coagulation versus pre-coagulation for gravity-driven membrane bioreactor during decentralized sewage treatment: Permeability stabilization, fouling layer formation and biological activity

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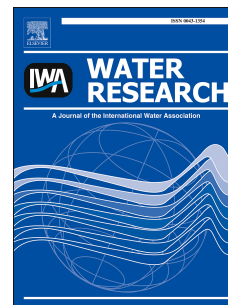
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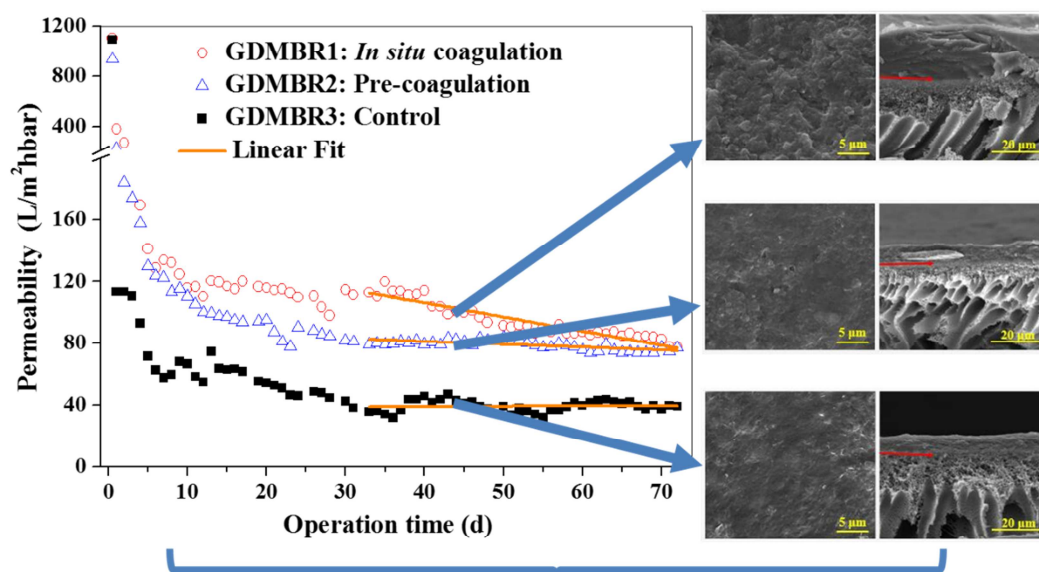
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	<i>In situ</i> coagulation	Pre- coagulation	Control
Stable flux	×	√	√
Reversibility	√	√	√
Porosity	++	+	+
Thickness	++	+	+
Bioactivity	+	+++	+++
EPS content	+	+++	+++

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