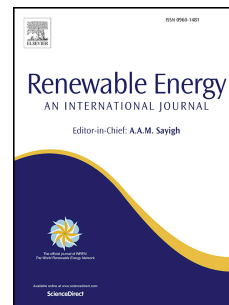


# Accepted Manuscript

Development of a novel fractal-like kinetic model for elucidating the effect of particle size on the mechanism of hydrolysis and biogas yield from ligno-cellulosic biomass

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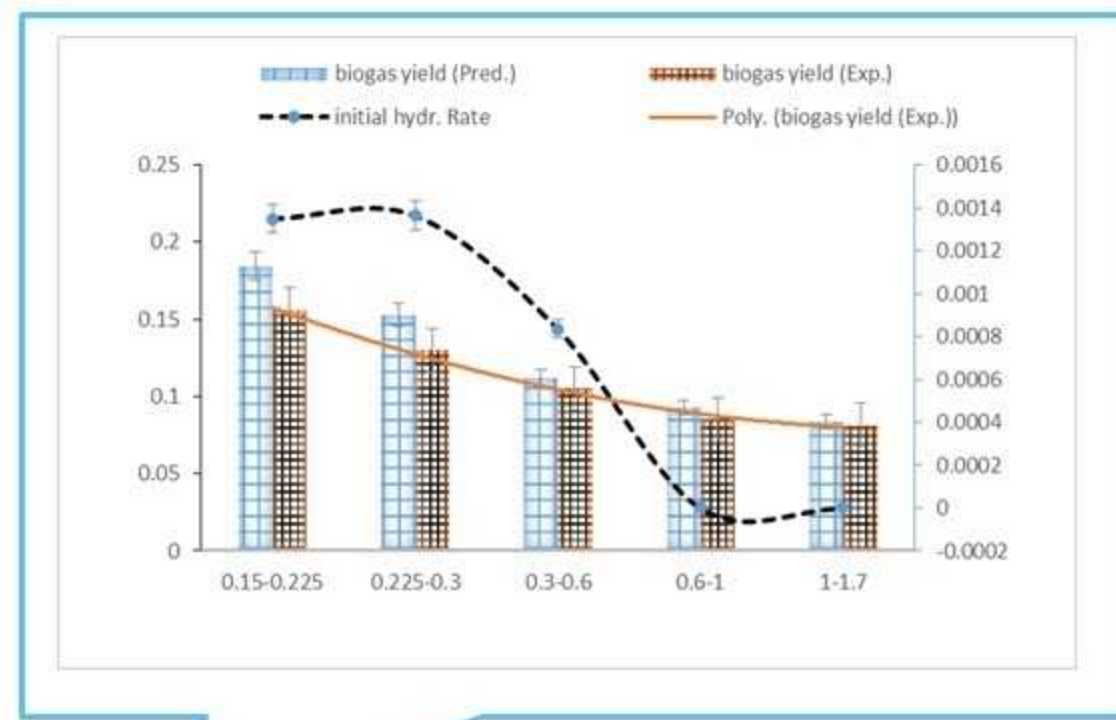
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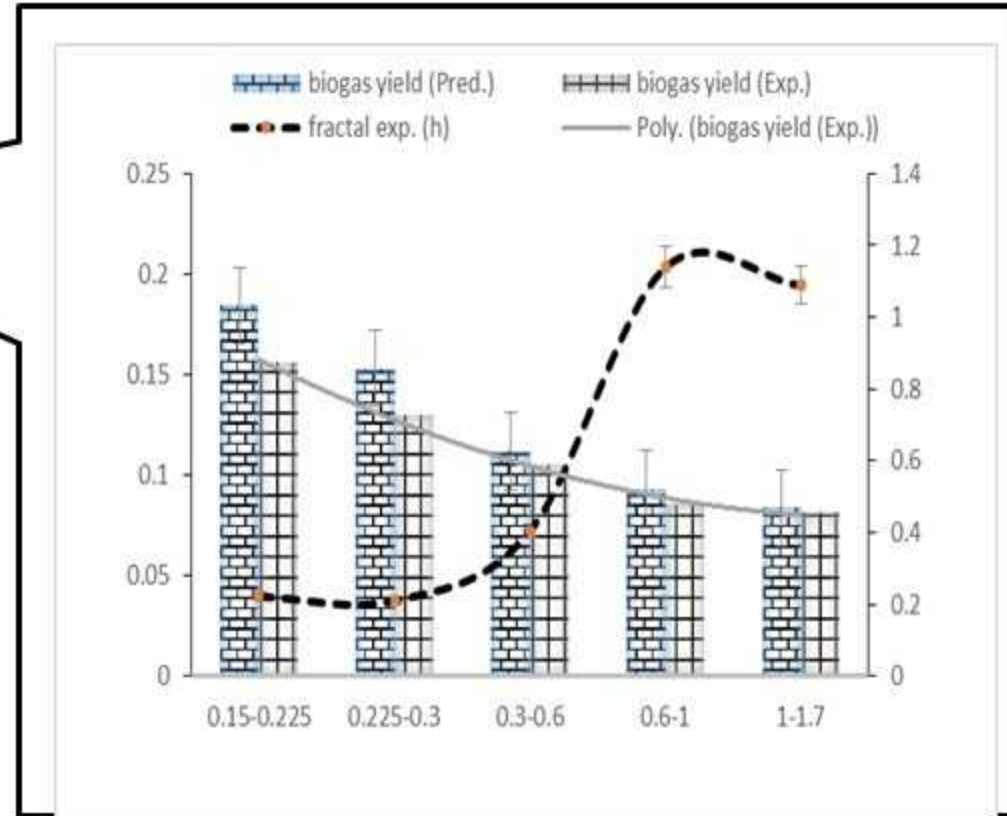
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$$y_t = y_m \frac{y_m (k'_o S_o + b)}{k'_o S_o + b \exp \left( (k'_o S_o + b) \left( \frac{(t+1)^{1-h} - 1}{1-h} \right) \right)}$$



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