

isotherm fitted best implying that there was monolayer coverage of the metal ions on the surface of the adsorbent, homogenous distribution and that the surface was uniform.

- The adsorption data fitted well for pseudo-second-order model and the sorption capacity of mangrove roots for copper was found to be 11.36mg/g.

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Author Profile



Fidelis Ngugi is 29 years old. She has completed Master of Science in Analytical Chemistry at the University of Nairobi, Kenya. She hold a Bachelor of Sciences in Chemistry from Egerton University, Kenya. Her postgraduate and undergraduate studies

are all concerned with research work and analytical issues. My thesis has strong laboratory component since it proposes innovative, scientific research and cost-effective approaches of reducing contaminants from the environment and safety precaution measures.