

An experimental study on using water lettuce (*Pistia stratiotes* L.) to treat anaerobic effluent and feedstock

In general, this manuscript is well-written, concise, and presents relevant information based on theory. While the methods used are generally appropriate, there are some details that require clarification. Overall, the study's results are clear and compelling, with only a few minor exceptions. The authors make a systematic contribution to the research literature in this area of investigation. Specific comments will follow.

1. The authors need to incorporate more content in introduction section regarding AD effluent characterization with suitable reference
2. Water hyacinth has good pollution removal potential. Why is water lettuce used for this study? Why not water hyacinth?
3. Is any microbe (living in the root of lettuce) involved in the treatment?
4. What is the reason for higher production of methane from water lettuce? Add the scientific reason in biogas composition section with appropriate scientific evidence.