

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_93472
Title of the Manuscript:	Characterization of Spirogyra Using TG/DTG and Bomb Calorimeter for Energy Application
Type of the Article	Short Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	In paragraph "3.3 Discussion" there is no comparison with the results of research by other authors over the past 5 years, for example: Ge, S., Madill, M., & Champagne, P. (2018). Use of freshwater macroalgae Spirogyra sp. for the treatment of municipal wastewaters and biomass production for biofuel applications. Biomass and bioenergy, 111, 213-223. Sohail, S., Mumtaz, M. W., Mukhtar, H., Touqeer, T., Anjum, M. K., Rashid, U., ... & Choong, T. S. Y. (2020). Spirogyra oil-based biodiesel: Response surface optimization of chemical and enzymatic transesterification and exhaust emission behavior. Catalysts, 10(10), 1214.	
Minor REVISION comments		
Optional/General comments	Abbreviations should be avoided in the title of the article. It is advisable to replace the abbreviation TG / DTG 4. The use of abbreviations should also be avoided when selecting keywords, especially those that are not widely known.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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