

## Review Form 1.6

Journal Name:	<a href="#">Chemical Science International Journal</a>
Manuscript Number:	Ms_CSIJ_88282
Title of the Manuscript:	RECENT DEVELOPMENT OF BIOMASS AND PLASTIC CO-PYROLYSIS FOR SYNGAS PRODUCTION
Type of the Article	Review 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.journalcsij.com/index.php/CSIJ/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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<ol style="list-style-type: none"><li>1 On what basis author choose plastic other than due to its abundancy. Is there any scientific explanation to justify it.</li><li>2 Do not use abbreviation in abstract (etc CO<sub>2</sub>). Please spell it out.</li><li>3 What is the elemental composition of MSW that able them to be pyrolyzed to syngas. Do different sources of MSW gives different composition of MSW? Please elaborates more.</li><li>4 A details discussion on the optimum parameters involves in production of syngas would be meaningful.</li><li>5 The details on mechanism of co-pyrolysis of biomass and plastic materials releasing syngas would be more meaningful.</li><li>6 Please draw the mechanism of action of co-pyrolysis process to make them more professional.</li><li>7 More information about the analytical methods should be provided.</li><li>8 Detail discussion on reactor configurations that affecting the pyrolysis performance would be meaningful.</li><li>9 References not up to dates.</li></ol>	
<b>Optional/General</b> comments		

### 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?	(If yes, Kindly please write down the ethical issues here in details)	

### Reviewer Details:

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