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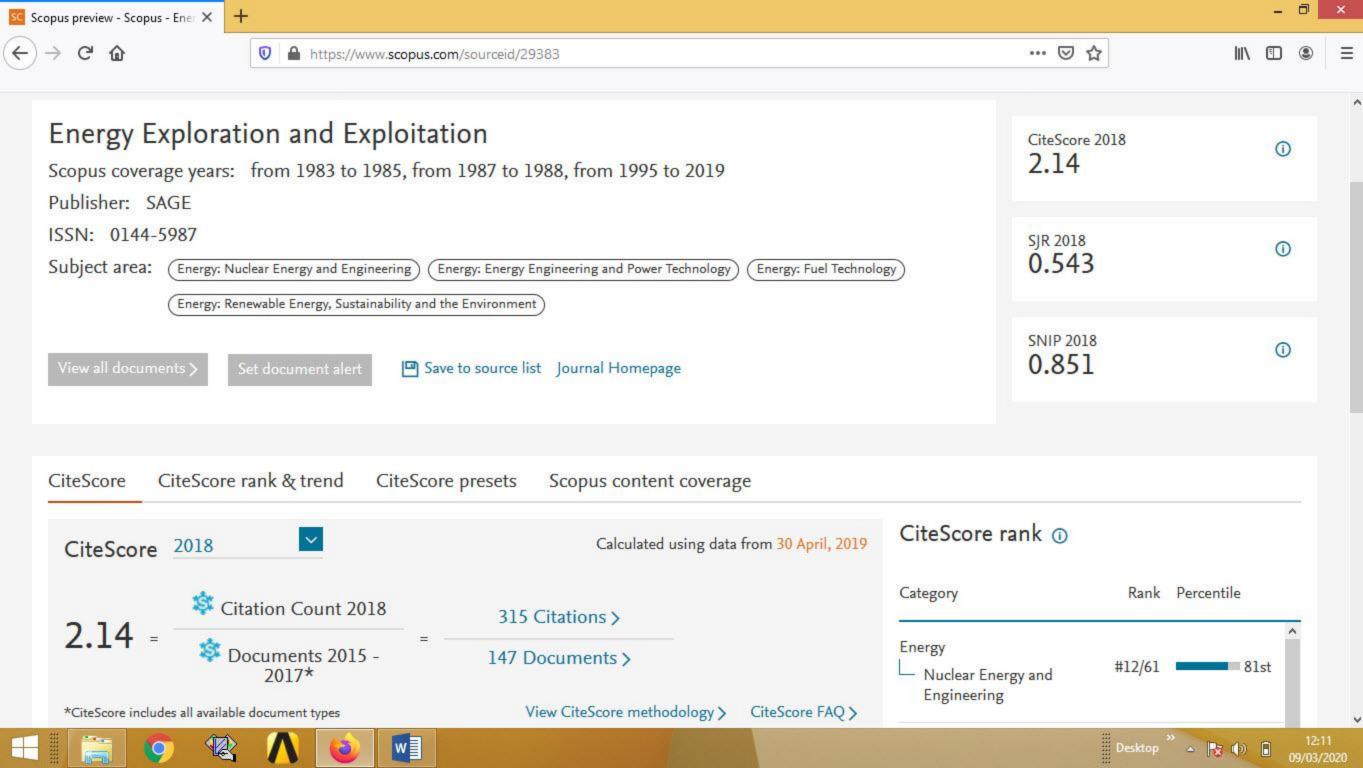


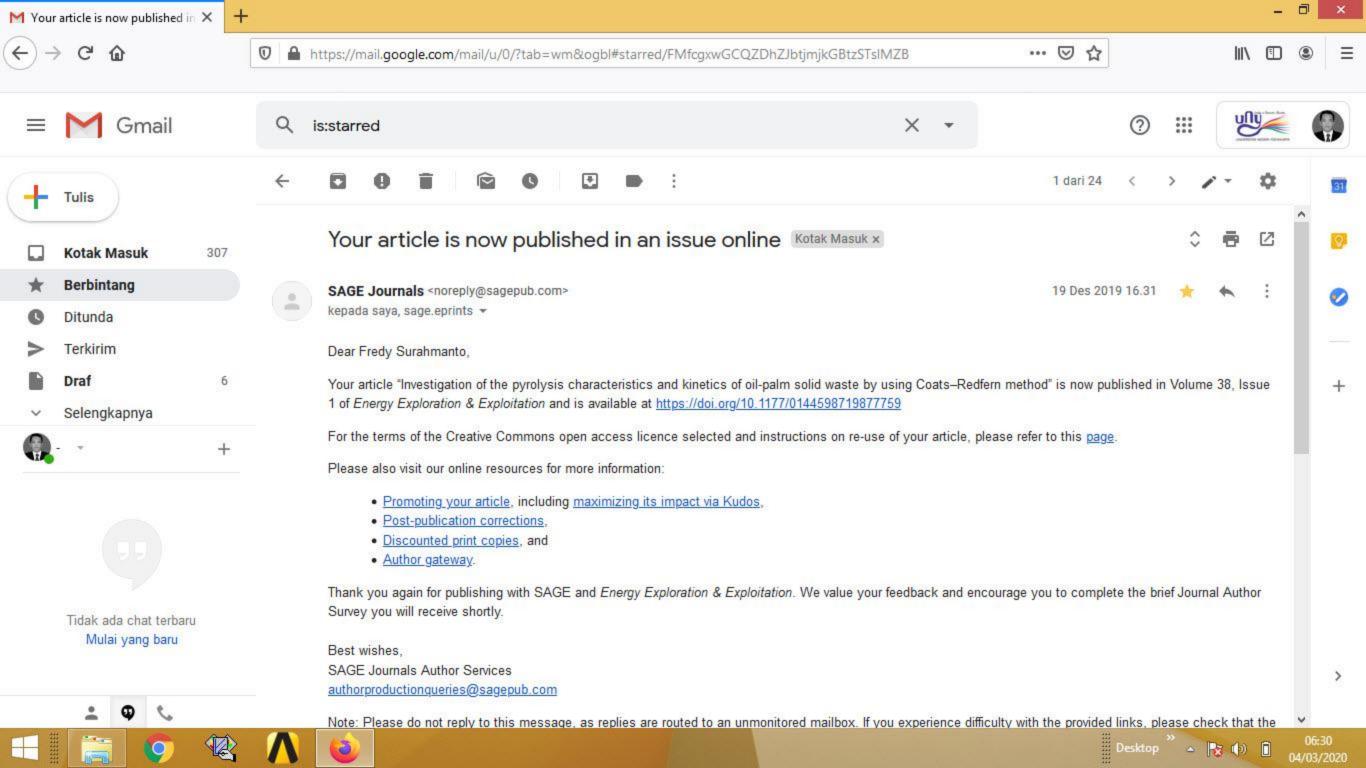


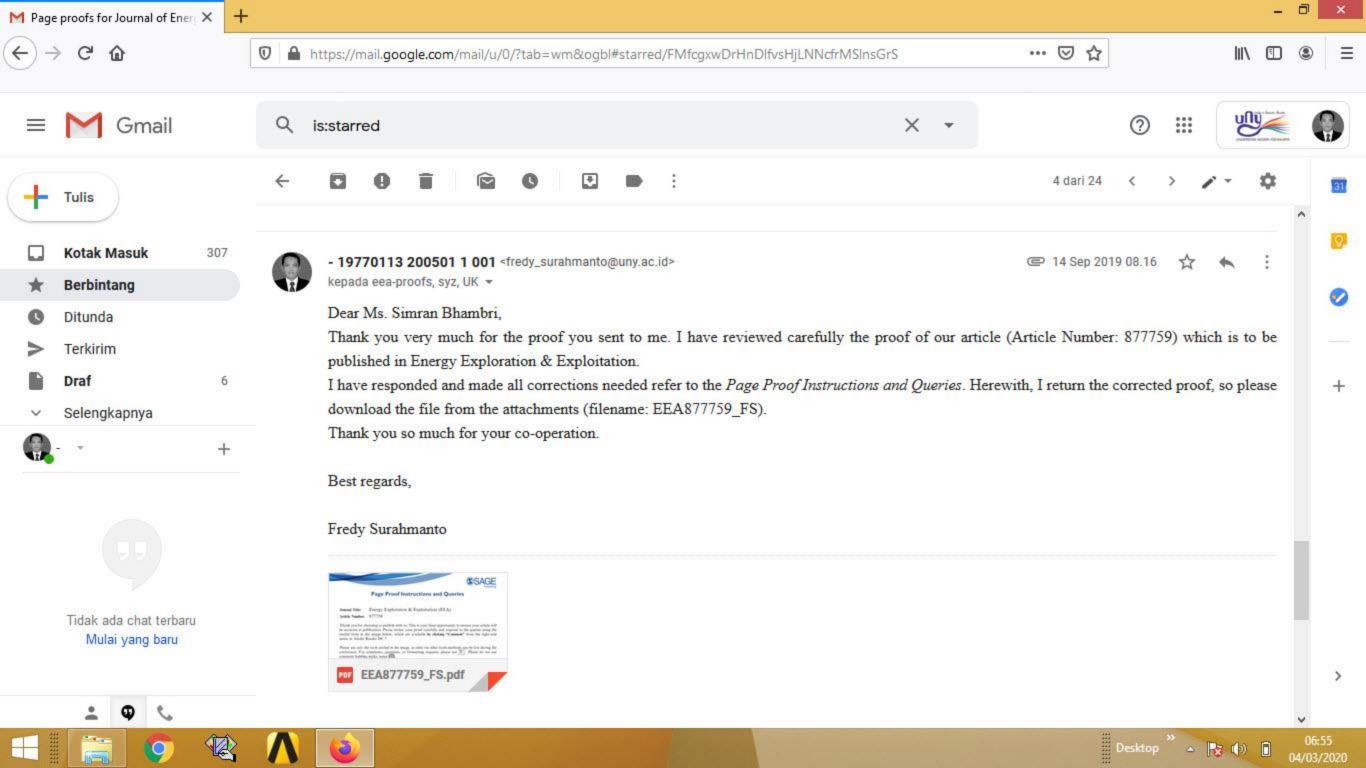


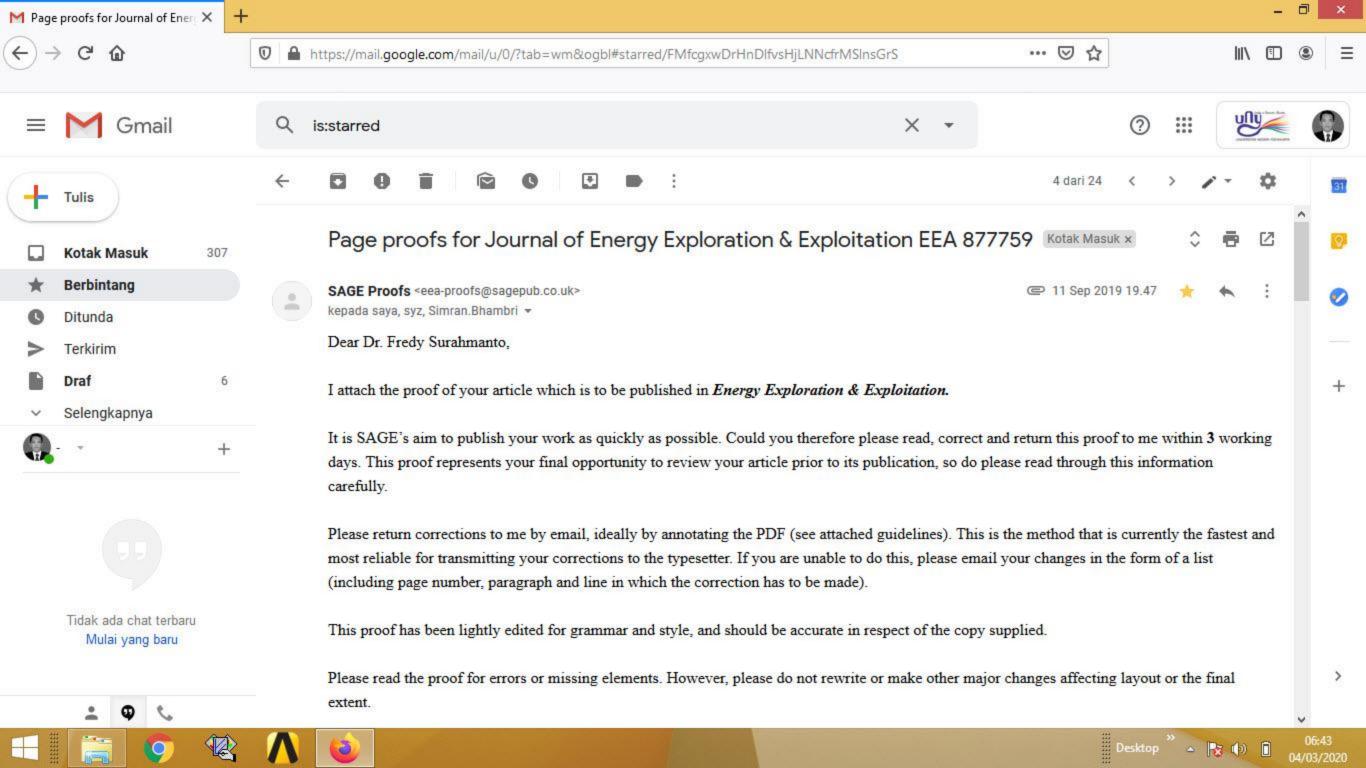
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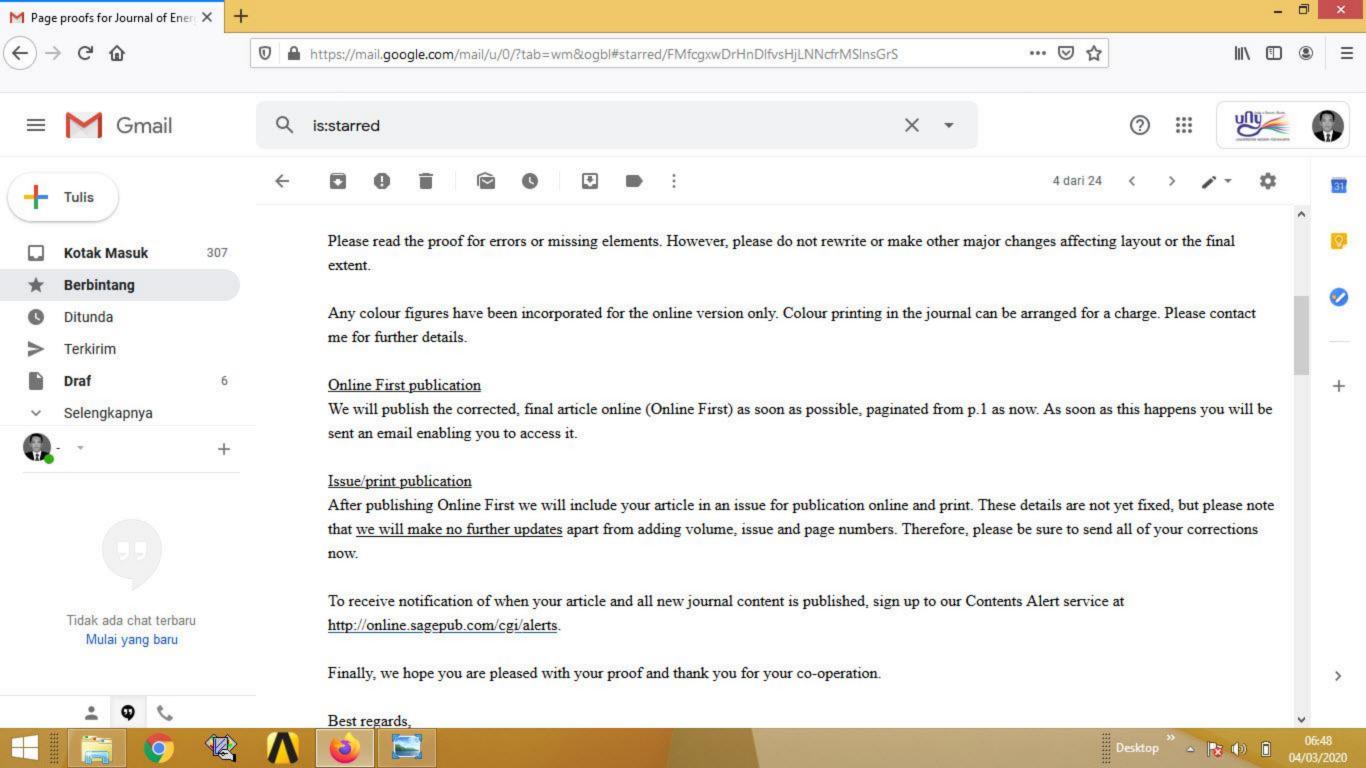


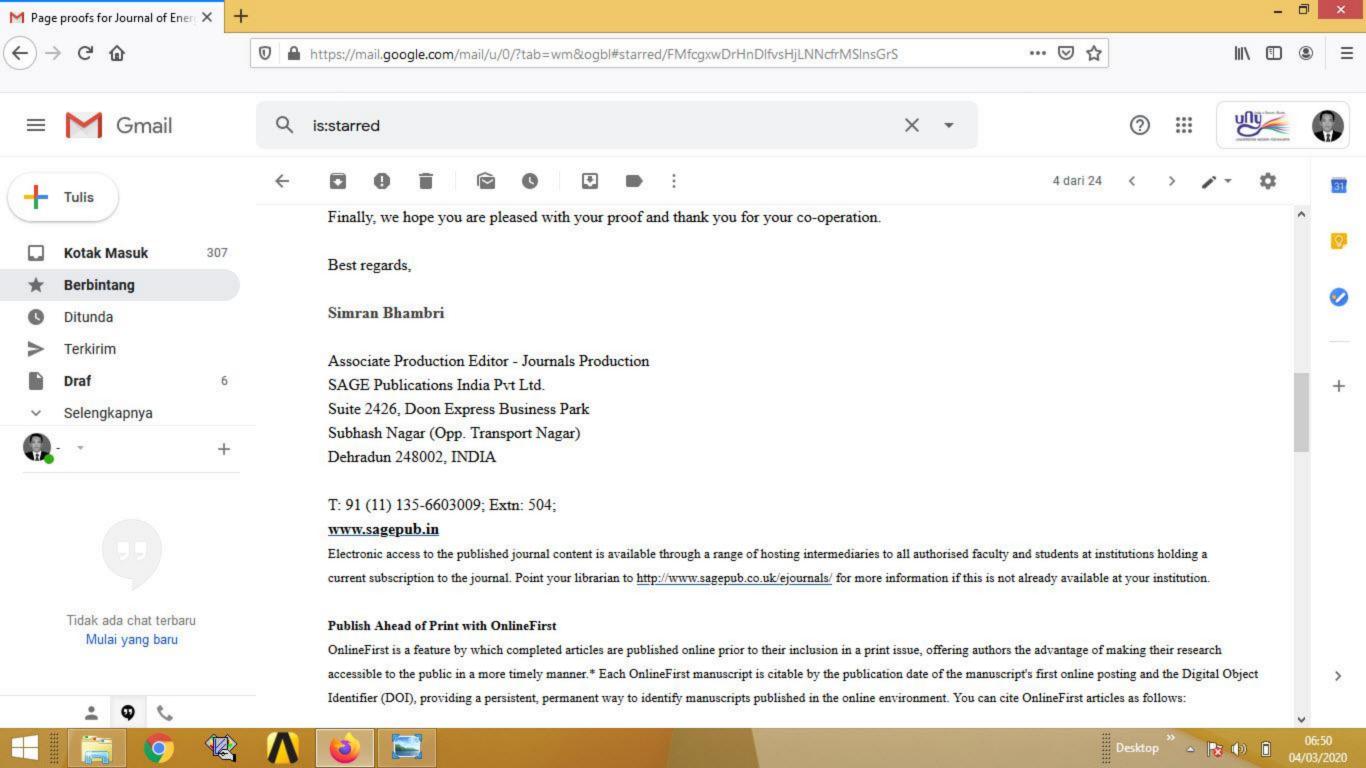


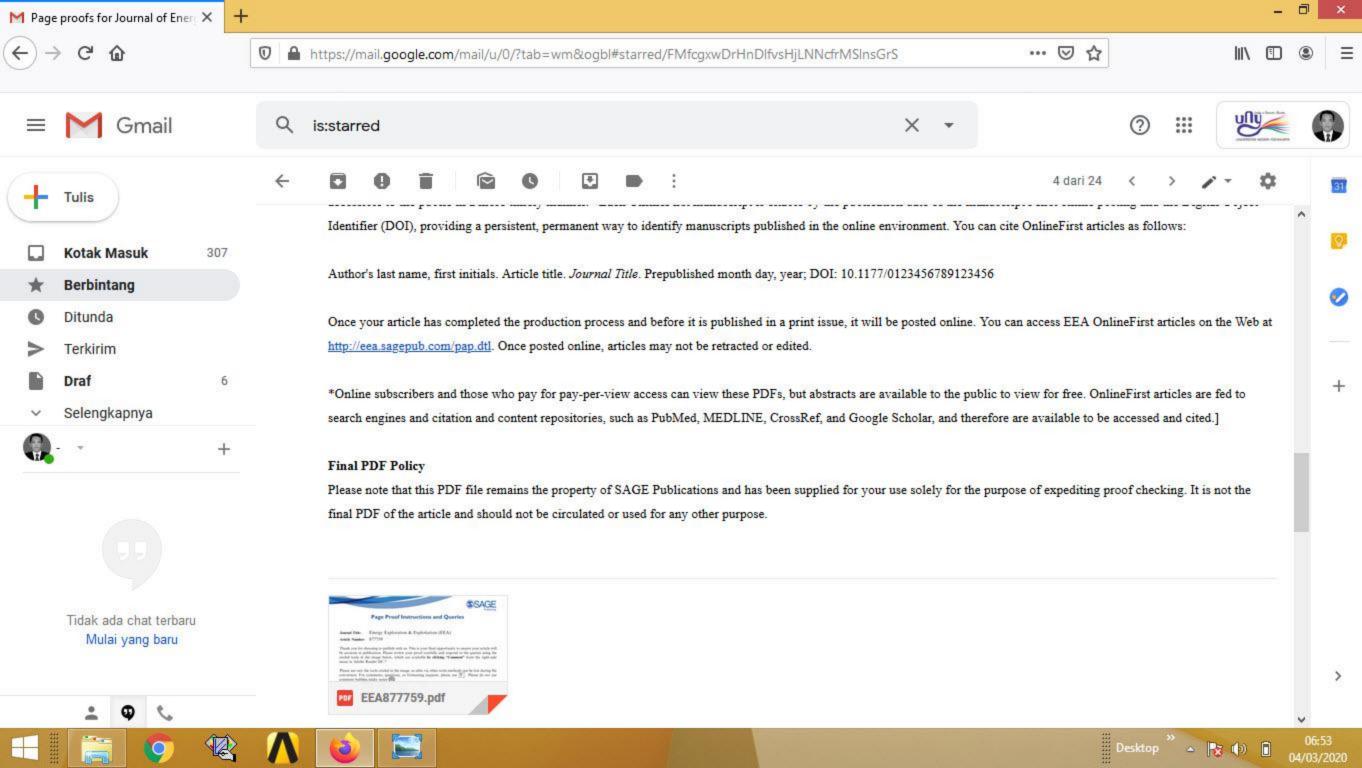


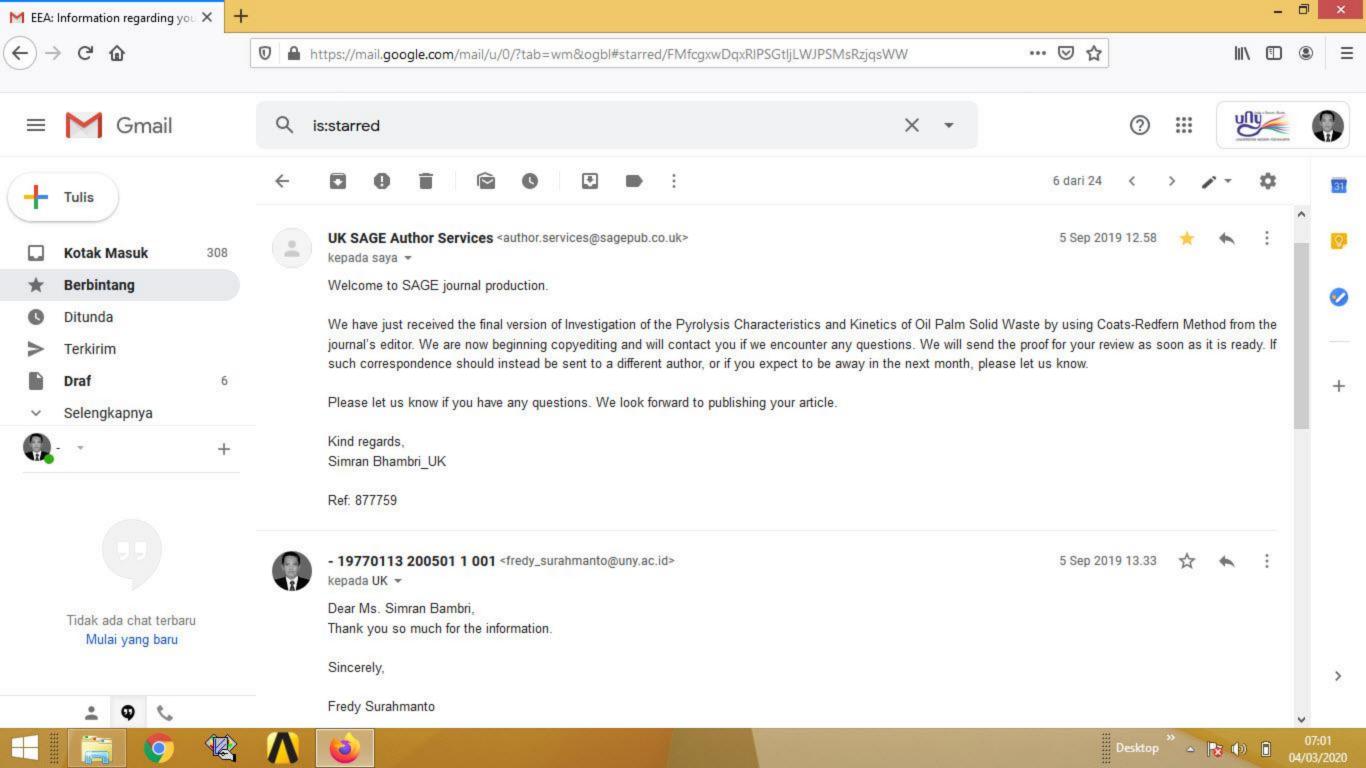


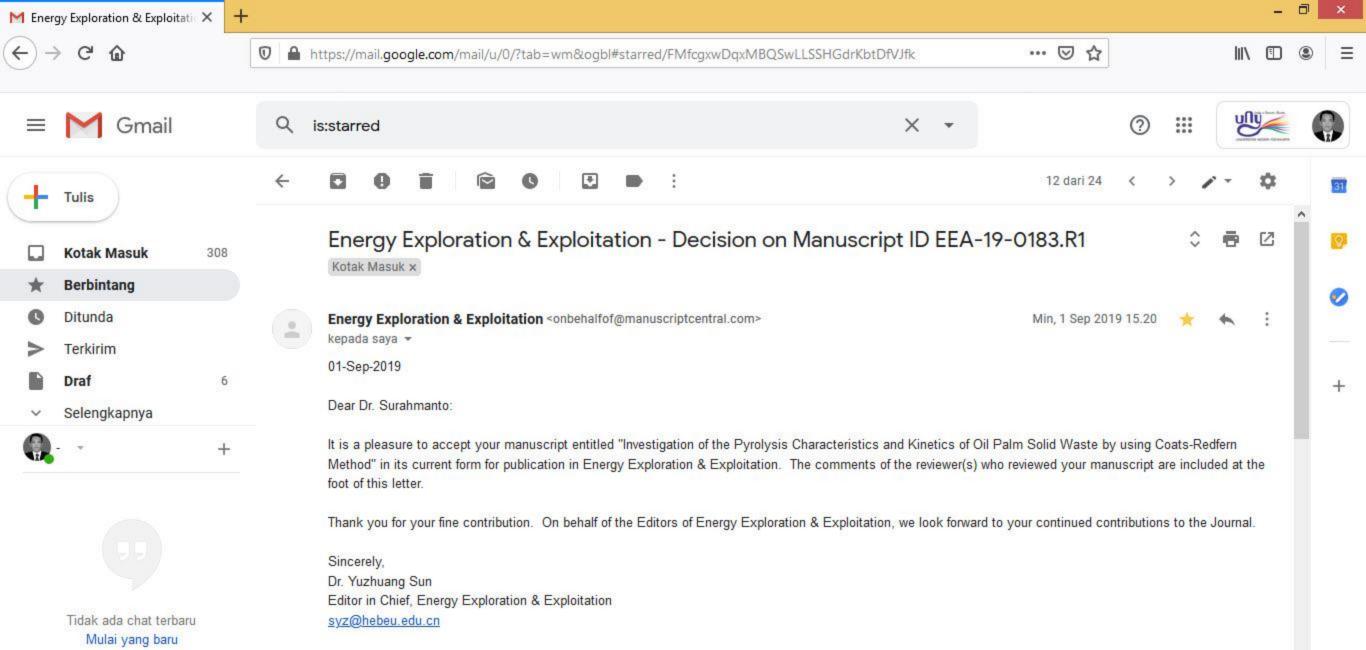


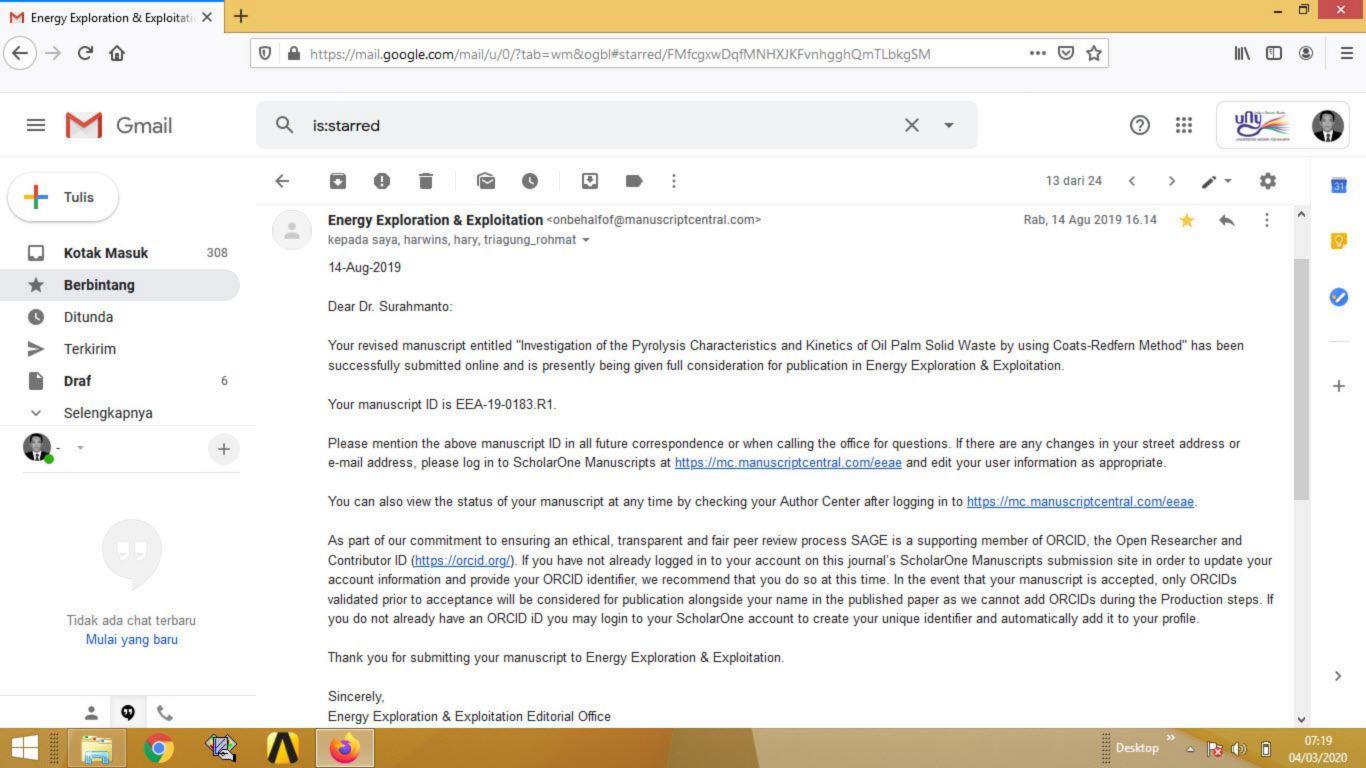


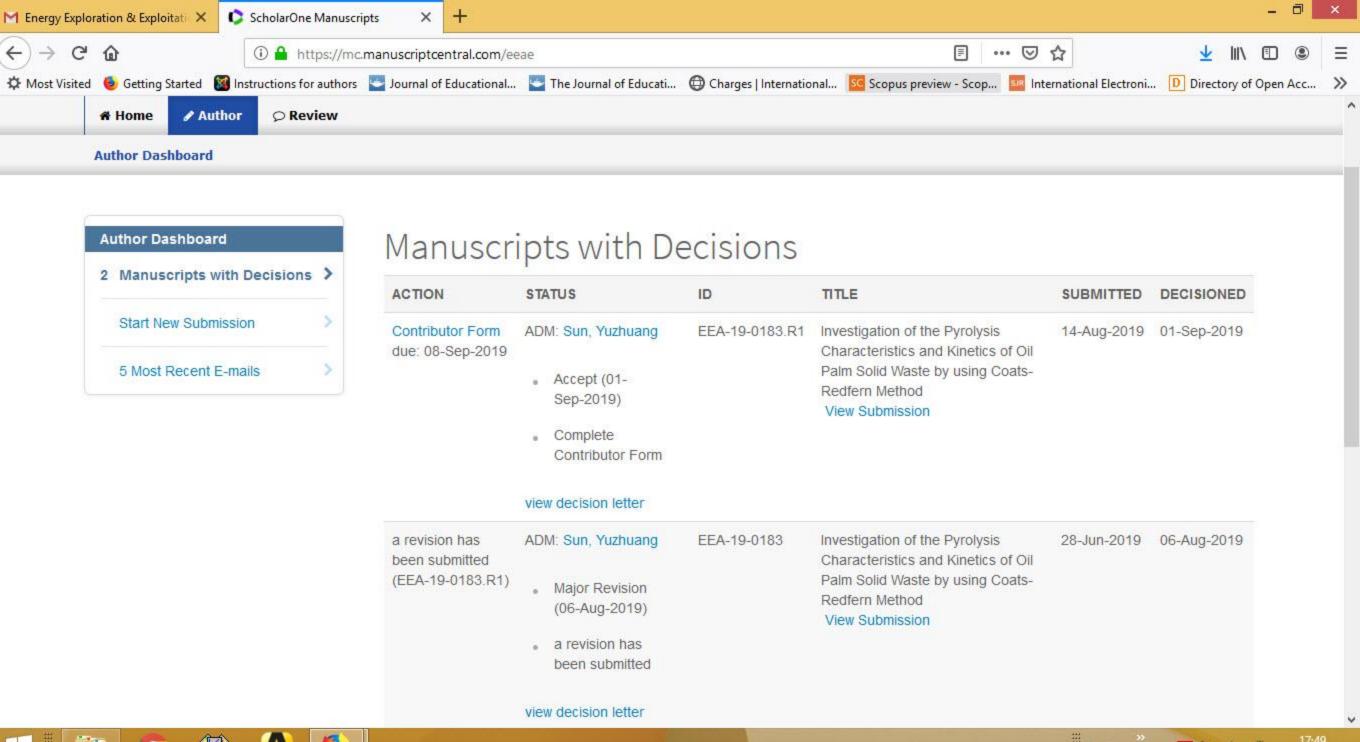














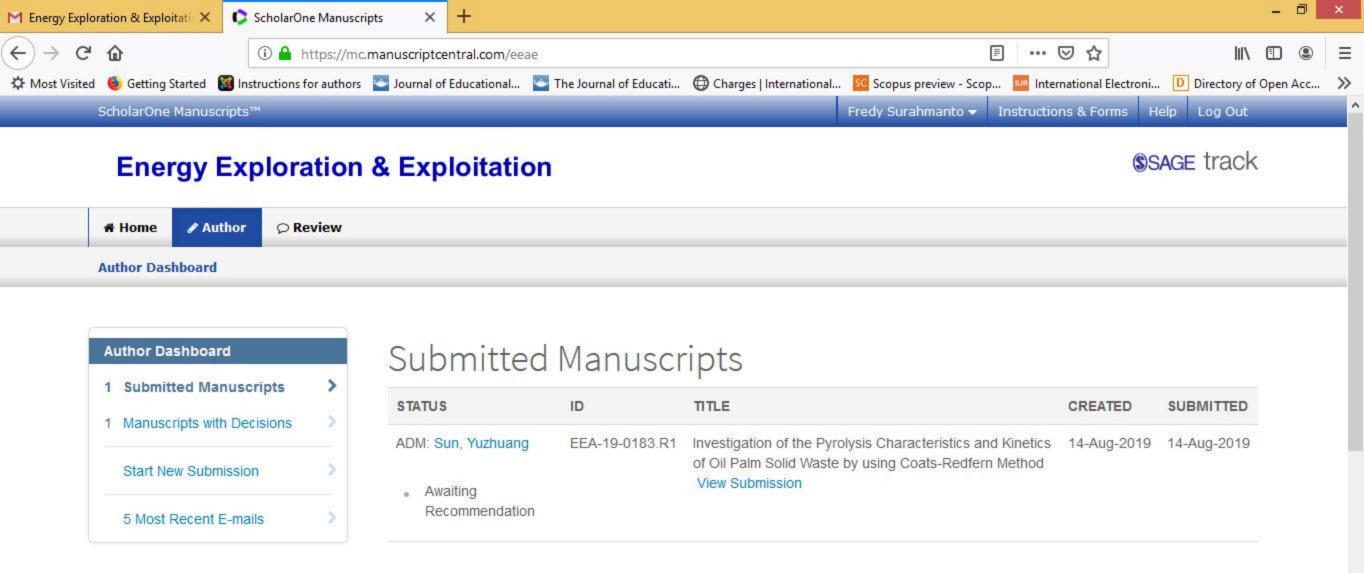




















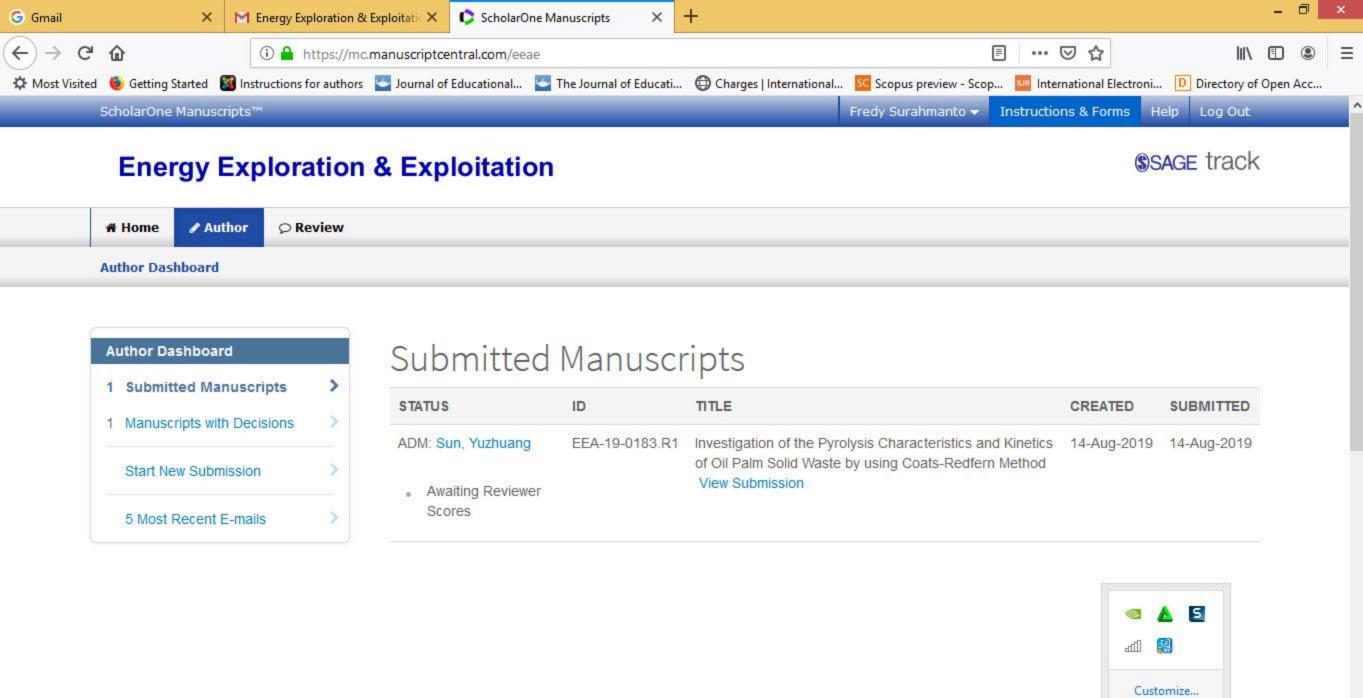


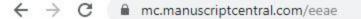












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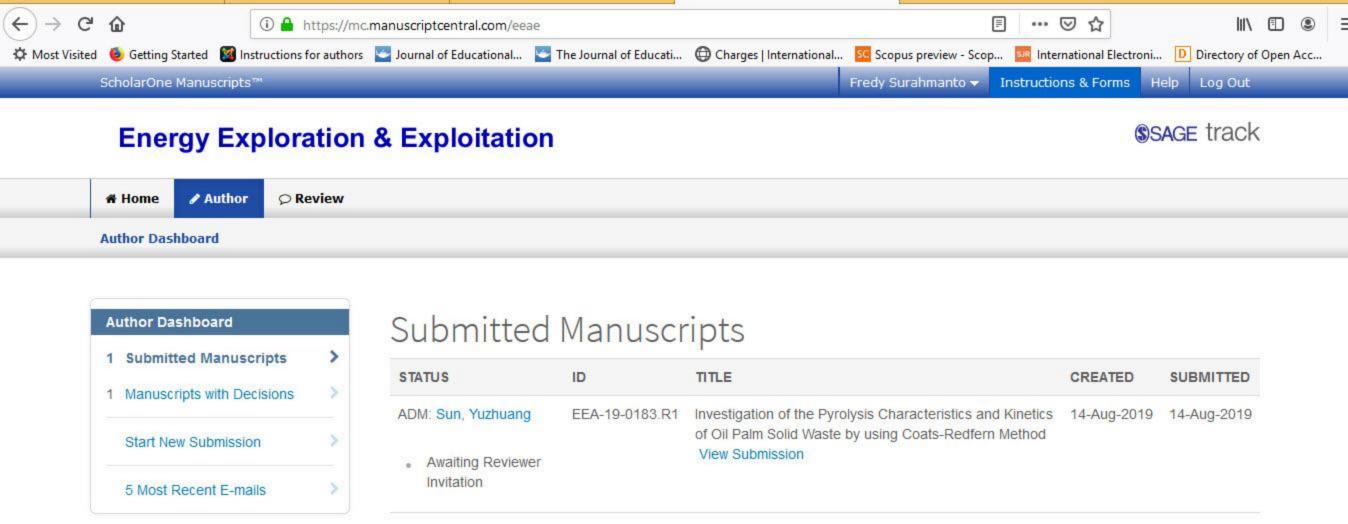


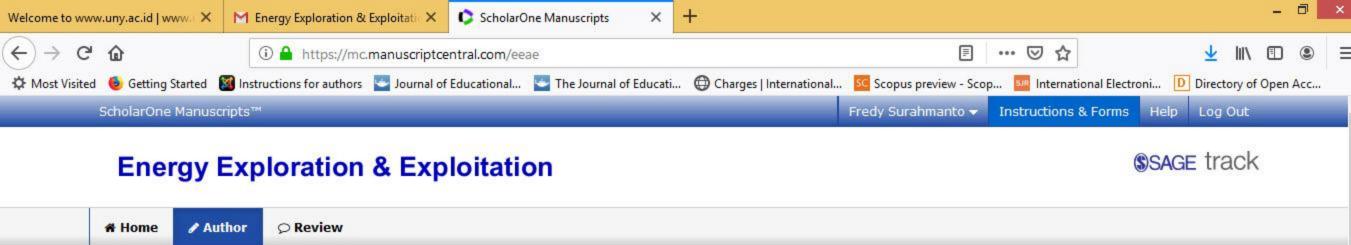
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STATUS	ID	TITLE	CREATED	SUBMITTED
ADM: Sun, Yuzhuang	EEA-19-	Investigation of the Pyrolysis Characteristics and Kinetics of Oil	14-Aug-2019	14-Aug-2019
	0183.R1	Palm Solid Waste by using Coats-Redfern Method		
<ul> <li>Awaiting Reviewer</li> </ul>		View Submission		
Assignment				



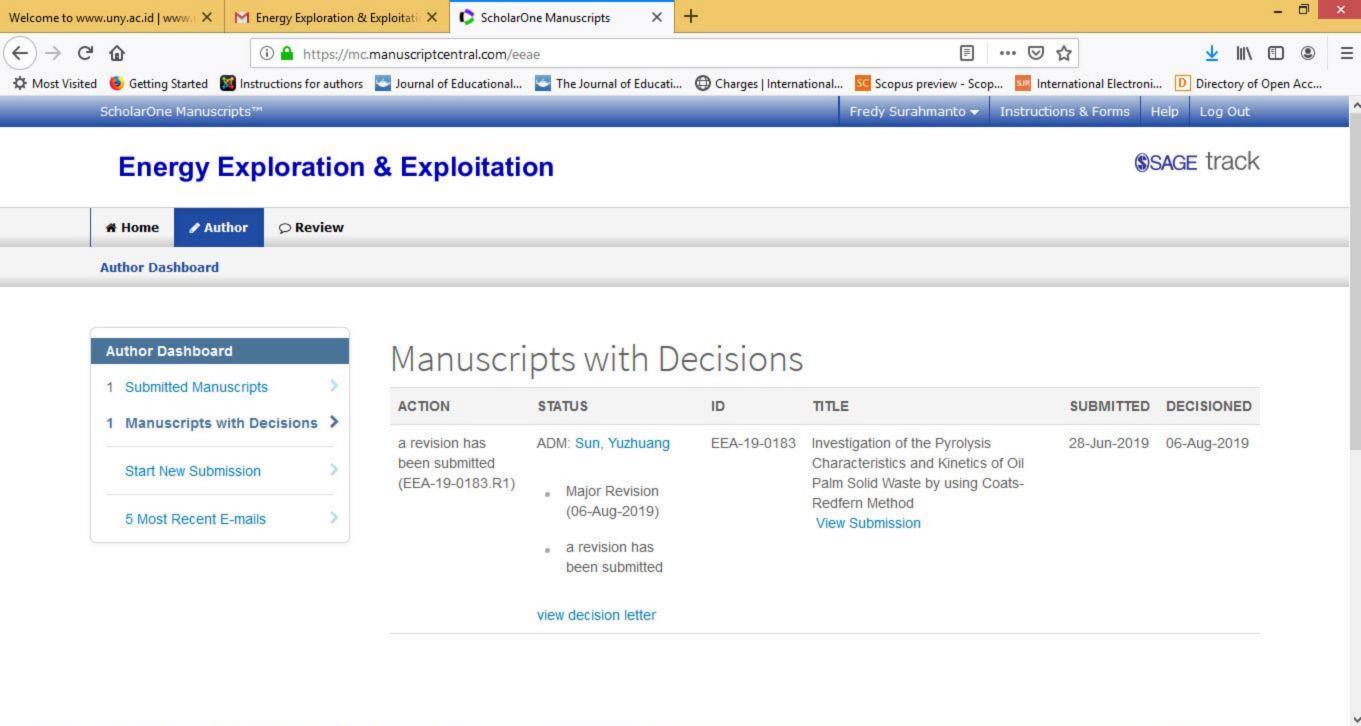








STATUS	ID	TITLE	CREATED	SUBMITTED
ADM: Not Assigned	EEA-19-0183.R1	Investigation of the Pyrolysis Characteristics and Kinetics of Oil Palm Solid Waste by using Coats-Redfern Method	14-Aug-2019	14-Aug-2019
<ul> <li>Awaiting Admin Processing</li> </ul>		View Submission		









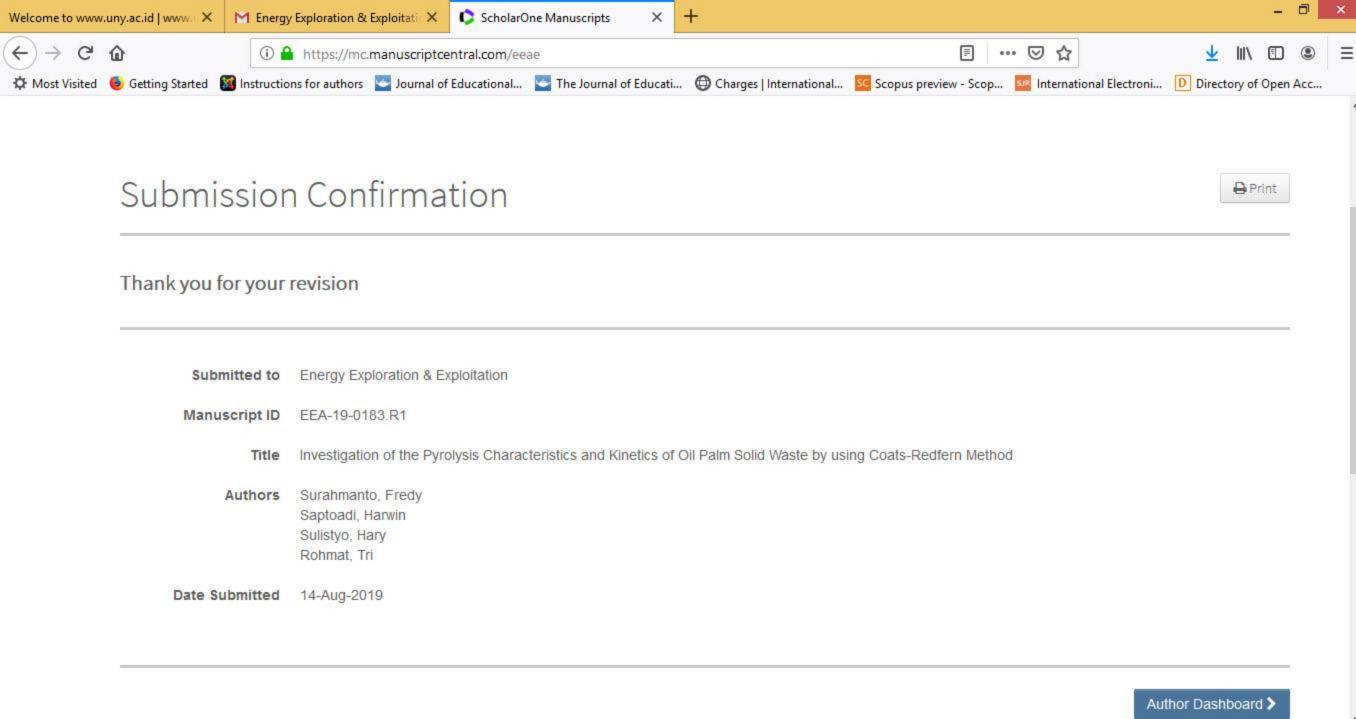












### Energy Exploration & Exploitation - Decision on Manuscript ID EEA-19-0183 Kotak Masuk x



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Sel, 6 Agu 13.07 (2 hari yang lalu)



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Indonesia -Terjemahkan pesan

X₄ Inggris ▼ Nonaktifkan untuk: Inggris x 06-Aug-2019

Dear Dr. Surahmanto:

Manuscript ID EEA-19-0183 entitled "Investigation of the Pyrolysis Characteristics and Kinetics of Oil Palm Solid Waste by using Coats-Redfern Method" which you submitted to Energy Exploration & Exploitation, has been reviewed. The comments of the reviewer(s) are included at the bottom of this letter.

The reviewer(s) have recommended publication, but also suggest some revisions to your manuscript. Therefore, I invite you to respond to the reviewer(s)' comments and revise your manuscript.

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Sincerely,
Dr. Yuzhuang Sun
Editor in Chief, Energy Exploration & Exploitation
syz@hebeu.edu.cn

Include the work of Fernandez et al.: "Kinetic study of regional agro-industrial wastes pyrolysis using non-isothermal TGA analysis" Fernandez A.; Saffe A.; Moreira R.; Mazza G.; Rodriguez R. 2016. Applied Thermal Engineering. Vol. 106 n°. p1157 - 1164.

Results and Discussion

- Sentence "Pyrolysis process commonly comprises: moisture evaporation, main devolatilization, and continuous slight devolatilization". Refer to Fernandez et al. (2016)

- As can be seen at Table 2... Explain how the different ranges of temperature were determined to determine the kinetic parameters.

- The following paragraphs:

"Therefore, the second stage was dominantly generated by the decomposition of hemicellulose and part of lignin. The third stage reflected the decomposition of cellulose and remaining lignin. This would appear to indicate that the curves of empty fruit bunch, fibre, and shell are greatly influenced by the amount of cellulose, hemicellulose, and lignin.

Must be referenced.

in each."

Reviewer: 1

Introduction:

Comments to the Author

Make a Nomenclature section and remove the meaning of it from the text.

- In the following sentence: "Furthermore, It has been known from previous research findings that cellulose, hemicellulose and lignin decomposed at different temperature ranges(Dorez et al., 2014)."
Separate the word from parentheses.

Refer the following paragraphs:

"It is obvious that the obtained activation energy and coefficient of determination for the reactions from the Coats-Redfern model is substantially determined by the selection of temperature regions corresponding to the main mass loss stages varied with the heating rate. This selection can describe four and five consecutive first order reactions in the pyrolysis of the oil palm solid waste."

Explain how the different ranges of temperature were determined to determine the kinetic parameters.

Conclusions:

Improve this section.

Comments to the Author Page 3, section 2.2., line 39: Specify reference conditions of the indicated flow. Page 4, section 2.3., line 12: Indicate some reference in this aspect. Page 4, section 2.3., line 21: A separate section could be indicated where the nomenclature is detailed and removed from the body of the text. Page 10, section 4., line 8: it is advised to extend the conclusions. Associate Editor(s)' Comments to Author:

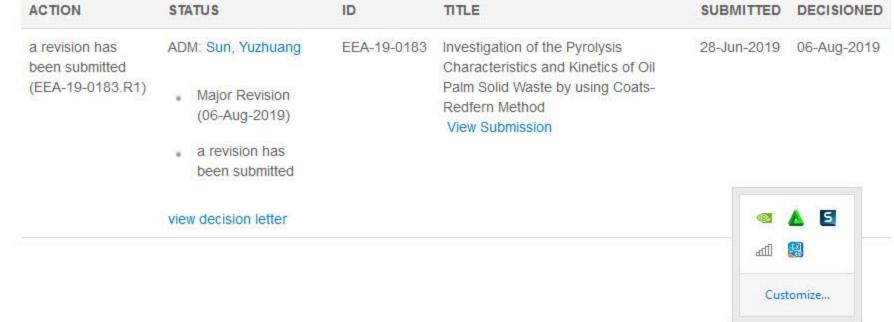
Reviewer: 2

Associate Editor: Mazza, Germán
Comments to Author:
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## Manuscripts with Decisions



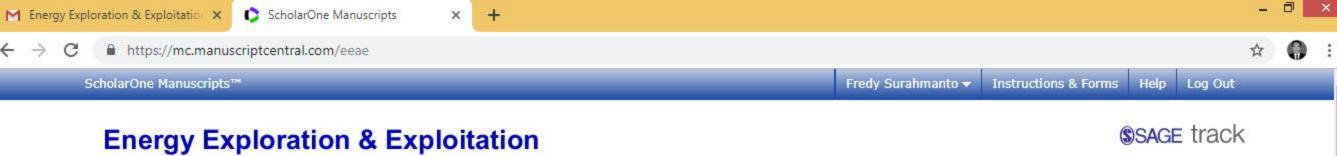






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ADM: Sun, Yuzhuang	EEA-	Investigation of the Pyrolysis Characteristics and Kinetics of Oil	25-Jun-2019	28-Jun-2019
	19-	Palm Solid Waste by using Coats-Redfern Method		
<ul> <li>Awaiting Final</li> </ul>	0183	View Submission		
Decision		Cover Letter		





○ Review

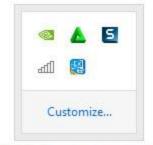


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ADM: Sun, Yuzhuang	EEA-	Investigation of the Pyrolysis Characteristics and Kinetics of Oil	25-Jun-2019	28-Jun-2019
	19-	Palm Solid Waste by using Coats-Redfern Method		
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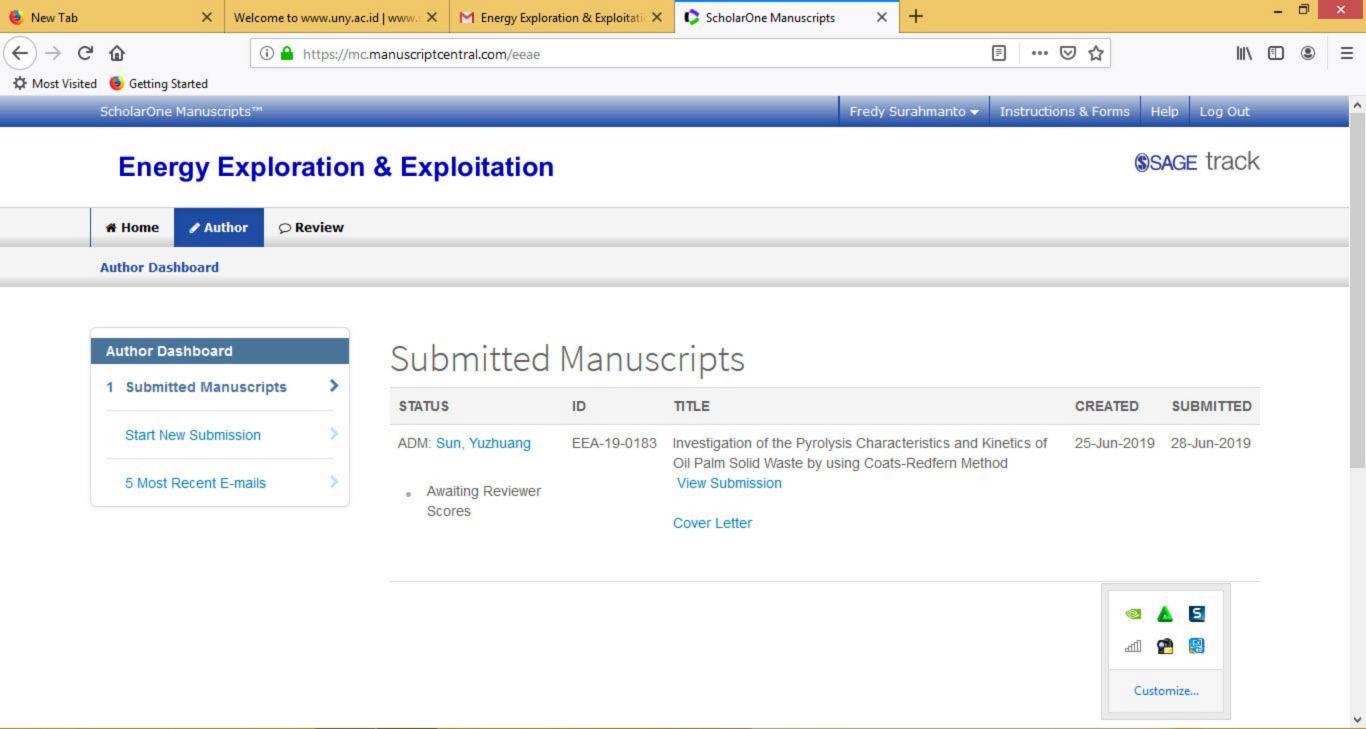


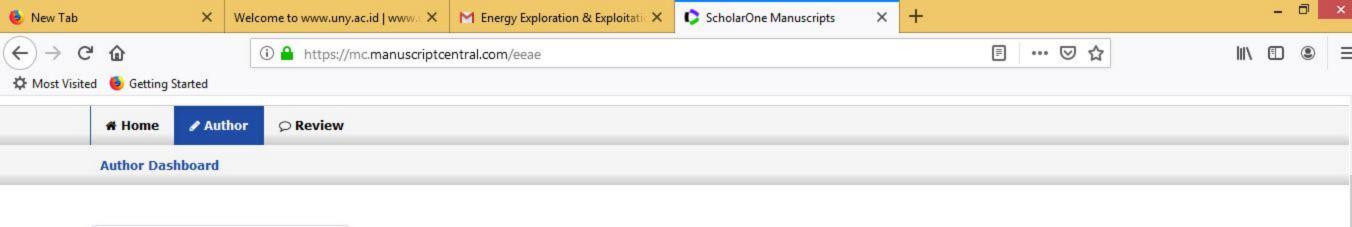








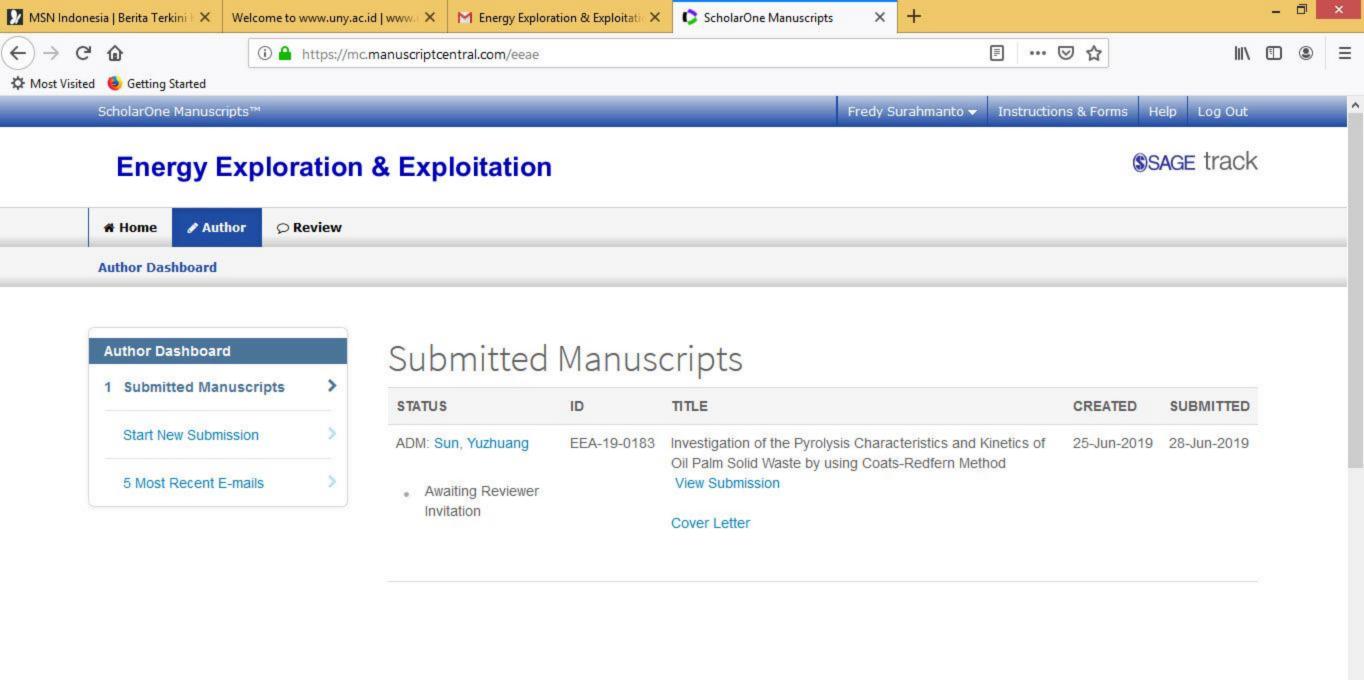


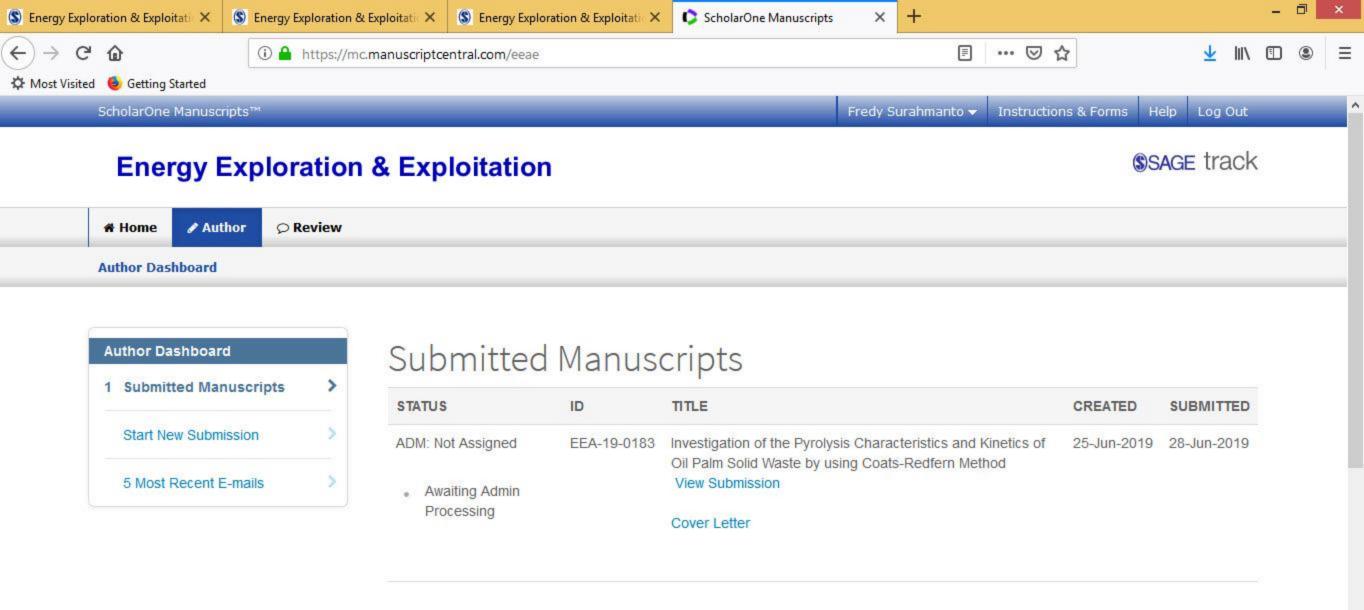


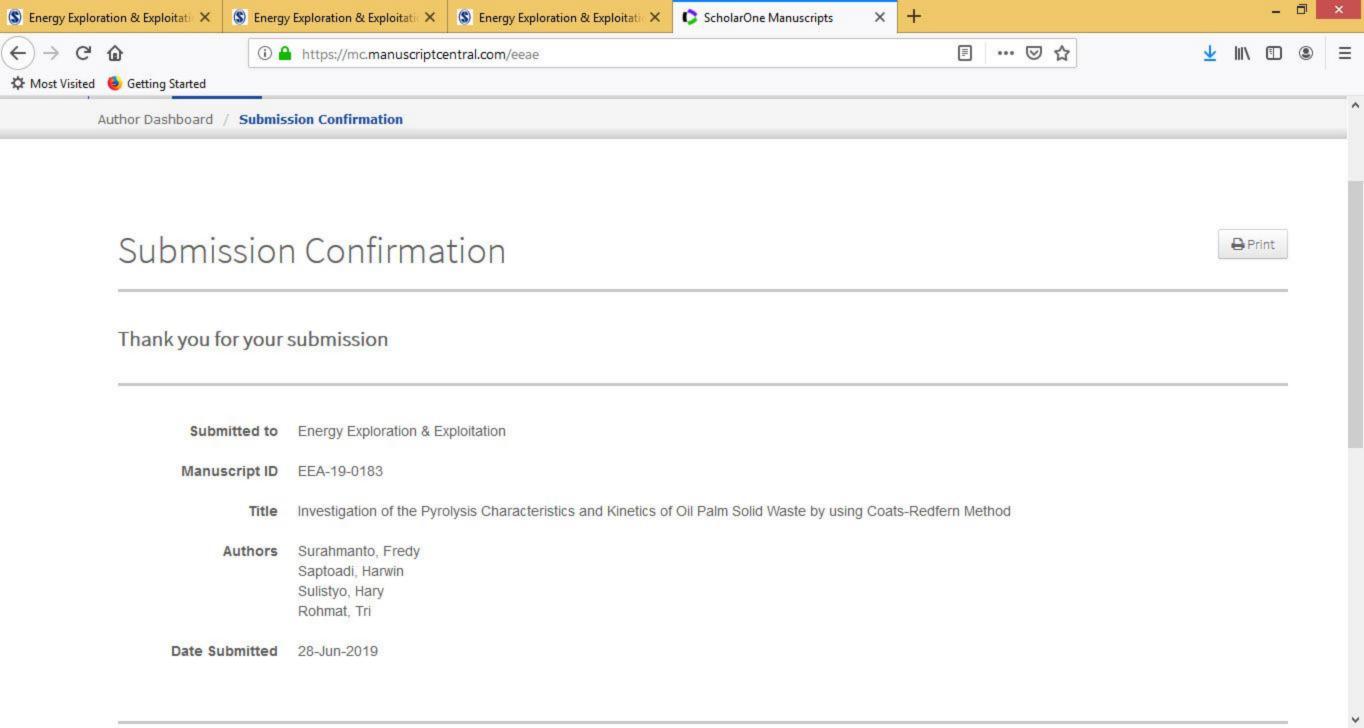


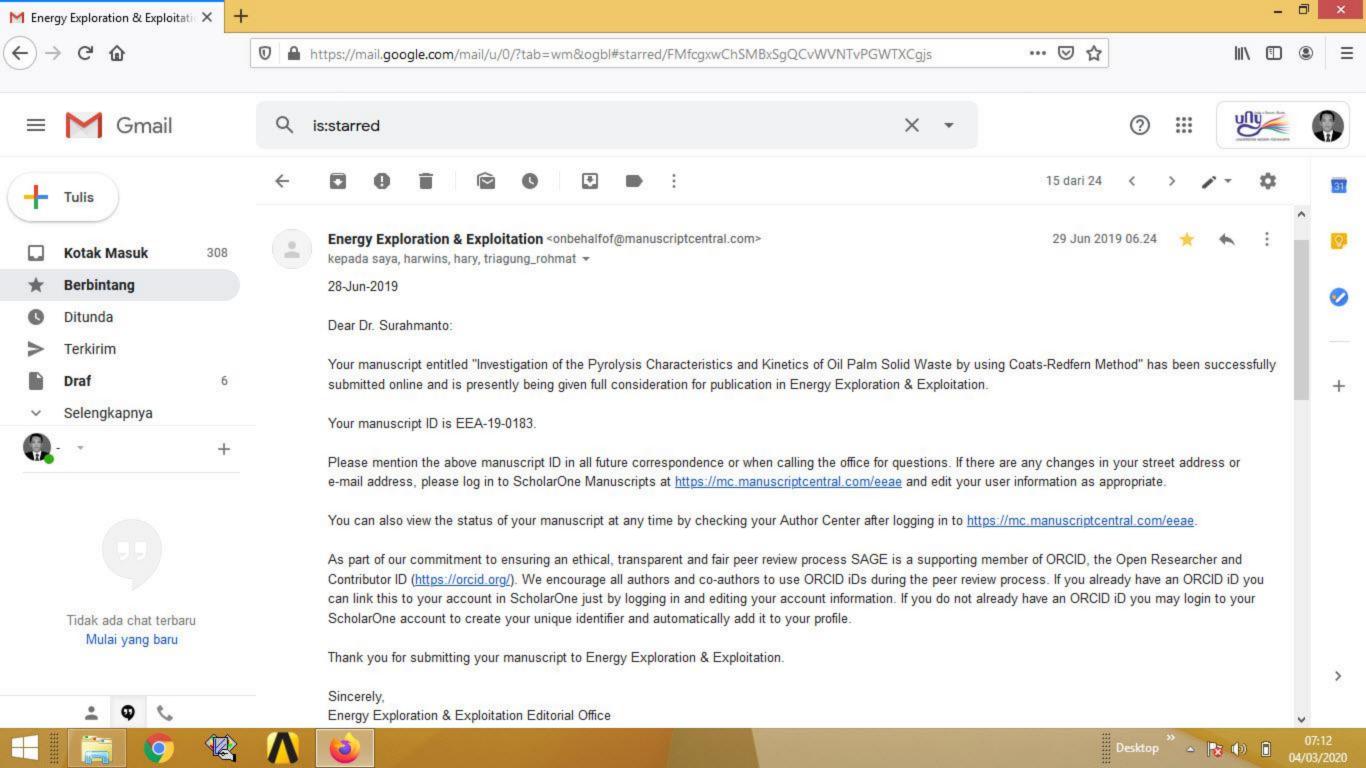












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JOURNAL: Energy Exploration & Exploitation

ALL AUTHOR(S): Surahmanto, Fredy; Saptoadi, Harwin; Sulistyo, Hary; Rohmat, Tri

CORRESPONDING AUTHOR: Dr. Fredy Surahmanto

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