

## Bukti Accepted Artikel

**Judul artikel** : Stability analysis and numerical simulation of SEIR model for pandemic COVID-19 spread in Indonesia

**Status** : Terpublikasi pada [Chaos, Solitons & Fractals Volume 139](#), October 2020, 110072. ISSN 09600779, terindex Scopus/Elsevier (Q1).

**Web Artikel** : <https://www.sciencedirect.com/science/article/pii/S0960077920304690>

# Chaos, Solitons and Fractals

**Country** United Kingdom - SIR Ranking of United Kingdom

**Subject Area and Category**

- Mathematics
  - Applied Mathematics
  - Mathematics (miscellaneous)
- Physics and Astronomy
  - Physics and Astronomy (miscellaneous)
  - Statistical and Nonlinear Physics

**Publisher** Elsevier Ltd.

**Publication type** Journals

**ISSN** [09600779](#)

**Coverage** 1991-2020

**Scope** Chaos, Solitons & Fractals aims to be the leading journal in the interdisciplinary field of Nonlinear Science. It encourages the submission of high-quality articles (under the form of short communications, regular papers, and review papers) concerning the fundamentals of the following subjects: nonlinear dynamics and non-equilibrium processes in physics and applied mathematics; complex matter and networks; biophysics, systems biology and computational biology; fluctuations and random processes; artificial intelligence, machine learning and big data analytics; self-organization and emergent phenomena; applications to social science, engineering and econophysics.

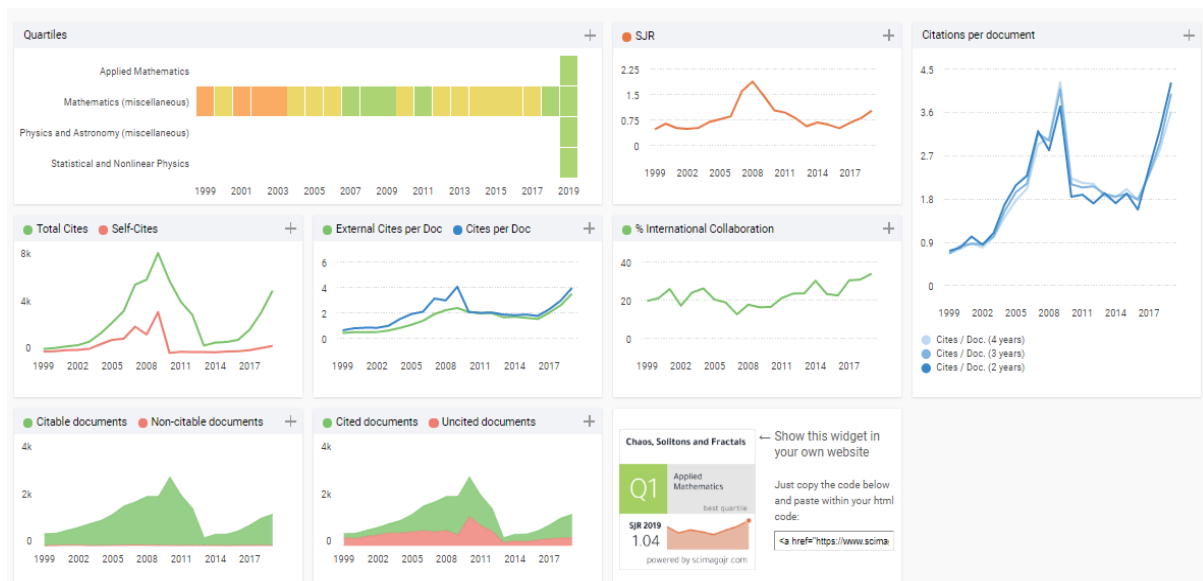
[Homepage](#)

[How to publish in this journal](#)

[Join the conversation about this journal](#)

# 132

H Index



# EES Consolidated User Profile Password Reset Kotak Masuk x



**Chaos, Solitons & Fractals** <eesserver@eesmail.elsevier.com>

Sen, 20 Apr 19.40

kepada saya ▾

Inggris ▾ > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk: Inggris](#) x

\*\*\* Automated mail sent by the system \*\*\*

Dear Professor Syafruddin Side,

We have received your request to reset your password for EES. Please click on the following link:

<https://ees.elsevier.com/chaos/e.aspx?q=2rl7&s=D7U5K9A5V7>

and you will be prompted for the new password you wish to use. This link is valid for only 24 hours.

Your password will not be changed unless you click on the link above and complete the form.

Kind regards,

Elsevier Editorial System

**Chaos, Solitons & Fractals** <eesserver@eesmail.elsevier.com>

Sen, 20 Apr 19.58

kepada saya ▾

Inggris ▾ > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk: Inggris](#) x

\*\*\* Automated email sent by the system \*\*\*

Dear Professor Syafruddin Side,

You have received this email to confirm that an account has been created for you in the Elsevier Editorial System (EES) - the online submission and peer review tracking system for **Chaos, Solitons & Fractals**.

The EES account for **Chaos, Solitons & Fractals** has been added to your [Elsevier profile](#). Your Elsevier profile may also be used to access other Elsevier products.

Please note: The username for your Elsevier profile is the E-mail Address to which this message was sent. Your Elsevier profile password is also your EES password.

Currently, the following EES accounts are linked to your Elsevier profile:

apm: Applied Mathematical Modelling

chaos: **Chaos, Solitons & Fractals**

Changes made to your personal information will be reflected in all EES journals - and any other Elsevier product accounts - that are linked to your Elsevier profile.

Please visit our [FAQs](#) for more Elsevier profile information.

Kind regards,

Elsevier Editorial System

**Chaos, Solitons & Fractals**

Activate Windows  
Go to PC settings to activate Windows

## Your PDF has been built and requires approval Kotak Masuk x



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>

Sen, 20 Apr 21 53 ☆ ↶ ⋮

kepada saya ▾

Inggris > Indonesia ▾ Terjemahkan pesan

Nonaktifkan untuk: Inggris x

\*\*\* Automated mail sent by the system \*\*\*

Chaos, Solitons & Fractals or its open access mirror

Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia

Authors: Suwardi Annas, Ph.D.; Syafruddin Side, Ph.D; Muh. Isbar Pratama, M.Sc; Muhammad Rifandi, M.Sc; Wahidah Sanusi, Ph.D.

Dear udin,

The PDF for your submission, "Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia" has now been built and is ready for your approval. Please view the submission before approving it, to be certain that it is free of any errors. If you have already approved the PDF of your submission, this e-mail can be ignored.

To approve the PDF please login to the Elsevier Editorial System as an Author:

<https://ees.elsevier.com/chaos/>

Your username is: [syafruddin@unm.ac.id](mailto:syafruddin@unm.ac.id)

Then click on the folder 'Submissions Waiting for Author's Approval' to view and approve the PDF of your submission. You may need to click on 'Action Links' to expand your Action Links menu.

You will also need to confirm that you have read and agree with the Elsevier Ethics in Publishing statement before the submission process can be completed. Once all of the above steps are done, you will receive an e-mail confirming receipt of your submission from the Editorial Office. For further information or if you have trouble completing these steps please go to: [http://help.elsevier.com/app/answers/detail/a\\_id/88/p/7923](http://help.elsevier.com/app/answers/detail/a_id/88/p/7923).

Please note that you are required to ensure everything appears appropriately in PDF and no change can be made after approving a submission. If you have any trouble with the generated PDF or completing these steps please go to: [http://help.elsevier.com/app/answers/detail/a\\_id/88/p/7923](http://help.elsevier.com/app/answers/detail/a_id/88/p/7923).

Your submission will be given a reference number once an Editor has been assigned to handle it.

Thank you for your time and patience.

Kind regards,

Editorial Office

Chaos, Solitons & Fractals or its open access mirror

Activate Windows  
Go to PC settings to activate Windows

## Editor handles CHAOS-D-20-00941 Kotak Masuk x



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>

Sel, 21 Apr 01.24 ☆ ↶ ⋮

kepada saya ▾

Inggris > Indonesia ▾ Terjemahkan pesan

Nonaktifkan untuk: Inggris x

Ms. Ref. No.: CHAOS-D-20-00941

Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia

Chaos, Solitons & Fractals or its open access mirror

Dear udin,

Your submission "Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia" will be handled by Editor-in-Chief Stefano Boccaletti, Ph. D.

You may check the progress of your paper by logging into the Elsevier Editorial System as an author at <https://ees.elsevier.com/chaos/>.

Your username is: [syafruddin@unm.ac.id](mailto:syafruddin@unm.ac.id)

If you need to retrieve password details, please go to: [http://ees.elsevier.com/CHAOS/automail\\_query.asp](http://ees.elsevier.com/CHAOS/automail_query.asp).

Thank you for submitting your work to this journal.

Kind regards,

Elsevier Editorial System

Chaos, Solitons & Fractals or its open access mirror

.....  
For further assistance, please visit our customer support site at <http://help.elsevier.com/app/answers/list/p/7923>. Here you can search for solutions on a range of topics, find answers to frequently asked questions and learn more about EES via interactive tutorials. You will also find our 24/7 support contact details should you need any further assistance from one of our customer support representatives.

A manuscript number has been assigned: **CHAOS-D-20-00941** [Kotak Masuk X](#)

**Chaos, Solitons & Fractals** <eesserver@eesmail.elsevier.com>  
kepada saya ▾

Sel, 21 Apr 01.24 ☆

🇬🇧 Inggris ▾ > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk In](#)

\*\*\* Automated email sent by the system \*\*\*

Ms. Ref. No.: **CHAOS-D-20-00941**  
Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia  
**Chaos, Solitons & Fractals** or its open access mirror

Dear udin,

Your submission "Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia" has been assigned manuscript number **CHAOS-D-20-00941**.

To track the status of your paper, please do the following:

1. Go to this URL: <https://ees.elsevier.com/chaos/>

2. Enter your login details

3. Click [Author Login]  
This takes you to the Author Main Menu.

4. Click [Submissions Being Processed]

Thank you for submitting your work to **Chaos, Solitons & Fractals** or its open access mirror.

Kind regards,

**Chaos, Solitons & Fractals** or its open access mirror

## Your Submission [Kotak Masuk X](#)



**Chaos, Solitons & Fractals** <eesserver@eesmail.elsevier.com>  
kepada saya ▾

Sel, 21 Apr 15.31 ☆ ↶

🇬🇧 Inggris ▾ > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk Inggris](#)

Ms. Ref. No.: **CHAOS-D-20-00941**  
Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia  
**Chaos, Solitons & Fractals** or its open access mirror

Dear udin,

The reviewers have commented on your above paper. They indicated that it is not acceptable for publication in its present form.

However, if you feel that you can suitably address the reviewers' comments (included below), I invite you to revise and resubmit your manuscript.

Please carefully address the issues raised in the comments.

If you are submitting a revised manuscript, please also:

a) outline each change made (point by point) as raised in the reviewer comments

AND/OR

b) provide a suitable rebuttal to each reviewer comment not addressed

To submit your revision, please do the following:

1. Go to: <https://ees.elsevier.com/chaos/>

2. Enter your login details

3. Click [Author Login]  
This takes you to the Author Main Menu.

4. Click [Submissions Needing Revision]

Activate Windows  
Go to PC settings to activate W

Activate Windows  
Go to PC settings to activate Win

Your PDF has been built and requires approval [Kotak Masuk x](#)



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>

Min, 28 Jun 11.48 ☆ ↶ ⋮

kepada saya ▾

🇬🇧 Inggris ▾ > Indonesia ▾ Terjemahkan pesan

Nonaktifkan untuk: Inggris x

\*\*\* Automated mail sent by the system \*\*\*

Chaos, Solitons & Fractals or its open access mirror

Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia

Authors: Suwardi Annas, Ph.D.; Syafruddin Side, Ph.D.; Muh. Isbar Pratama, M.Sc; Muhammad Rifandi, M.Sc; Wahidah Sanusi, Ph.D.

Dear udin,

The PDF for your submission, "Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia" has now been built and is ready for your approval. Please view the submission before approving it, to be certain that it is free of any errors. If you have already approved the PDF of your submission, this e-mail can be ignored.

To approve the PDF please login to the Elsevier Editorial System as an Author:

<https://ees.elsevier.com/chaos/>

Your username is: [syafruddin@unm.ac.id](mailto:syafruddin@unm.ac.id)

Then click on the folder 'Submissions Waiting for Author's Approval' to view and approve the PDF of your submission. You may need to click on 'Action Links' to expand your Action Links menu.

You will also need to confirm that you have read and agree with the Elsevier Ethics in Publishing statement before the submission process can be completed. Once all of the above steps are done, you will receive an e-mail confirming receipt of your submission from the Editorial Office. For further information or if you have trouble completing these steps please go to: [http://help.elsevier.com/app/answers/detail/a\\_id/88/p/7923](http://help.elsevier.com/app/answers/detail/a_id/88/p/7923).

Please note that you are required to ensure everything appears appropriately in PDF and no change can be made after approving a submission. If you have any trouble with the generated PDF or completing these steps please go to: [http://help.elsevier.com/app/answers/detail/a\\_id/88/p/7923](http://help.elsevier.com/app/answers/detail/a_id/88/p/7923).

Your submission will be given a reference number once an Editor has been assigned to handle it.

Thank you for your time and patience.

Kind regards,

Editorial Office

Chaos, Solitons & Fractals or its open access mirror

Activate Windows  
Go to PC settings to activate Windows

Submission Confirmation for CHAOS-D-20-00941R1 [Kotak Masuk x](#)



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>

Min, 28 Jun 11.53 ☆ ↶ ⋮

kepada saya ▾

🇬🇧 Inggris ▾ > Indonesia ▾ Terjemahkan pesan

Nonaktifkan untuk: Inggris x

\*\*\* Automated email sent by the system \*\*\*

Ms. Ref. No.: CHAOS-D-20-00941R1

Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia

Full length article

Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena

Dear udin,

This message is to acknowledge that we have received your revised manuscript for reconsideration for publication in Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena

You may check the status of your manuscript by logging into the Elsevier Editorial System as an author at <https://ees.elsevier.com/chaos/>.

Thank you for submitting your work to Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena.

Kind regards,

Elsevier Editorial System

Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena

\*\*\*\*\*  
For further assistance, please visit our customer support site at <http://help.elsevier.com/app/answers/list/p/7923>. Here you can search for solutions on a range of topics, find answers to frequently asked questions and learn more about EES via interactive tutorials. You will also find our 24/7 support contact details should you need any further assistance from one of our customer support representatives.

## Your Submission Kotak Masuk x



**Chaos, Solitons & Fractals** <eesserver@eesmail.elsevier.com>

Kam, 2 Jul 01.03 ☆ ↶ ⋮

kepada saya ▾

🌐 Inggris ▾ > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk: Inggris x](#)

Ms. Ref. No.: CHAOS-D-20-00941R1

Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia  
Chaos, Solitons & Fractals or its open access mirror

Dear Professor Side,

I am pleased to confirm that your paper Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia has been accepted for publication in Chaos, Solitons & Fractals or its open access mirror.

Your accepted manuscript will now be transferred to our production department and work will begin on creation of the proof. If we need any additional information to create the proof, we will let you know. If not, you will be contacted again in the next few days with a request to approve the proof and to complete a number of online forms that are required for publication.

Thank you for submitting your work to Chaos, Solitons & Fractals.

With kind regards,

ABDON ATANGANA  
Editor  
Chaos, Solitons & Fractals or its open access mirror

Activate Windows  
Go to PC settings to activate Windows

## Your Submission CHAOS-D-20-00941R1 Kotak Masuk x



**Chaos, Solitons & Fractals** <eesserver@eesmail.elsevier.com>

Kam, 2 Jul 01.03 ☆ ↶ ⋮

kepada saya ▾

🌐 Inggris ▾ > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk: Inggris x](#)

Ms. Ref. No.: CHAOS-D-20-00941R1

Title: Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia  
Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena

Dear udin,

I am pleased to inform you that I have sent your paper to production.

Elsevier will contact you shortly with publication details.

Thank you for submitting your work to Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena.

Yours sincerely,

ABDON ATANGANA  
Editor  
Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Nonequilibrium and Complex Phenomena

For further assistance, please visit our customer support site at <https://service.elsevier.com/go/home/supporthub/publishing/>. Here you can search for solutions on a range of topics, find answers to frequently asked questions and learn more about EES via interactive tutorials. You will also find our 24/7 support contact details should you need any further assistance from one of our customer support representatives.

Your PDF has been built and requires approval Kotak Masuk X



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>  
kepada saya ▾

Min, 25 Okt 11.14 ☆ ↶ ⋮

🌐 Inggris ▾ > Indonesia ▾ Terjemahkan pesan

Nonaktifkan untuk: Inggris x

\*\*\* Automated mail sent by the system \*\*\*

Chaos, Solitons & Fractals

Title: Numerical Solution of SEIR Model for COVID-19 using Runge Kutta and Homotopy Perturbation Method in Indonesia  
Authors: Muhammad Abby, Dr.; Syafruddin Side, Ph.D; Muhammad Isbar Pratama, [M.Si](#); Nur Rezky Ramadhan, M.Si.; Suwardi Annas, Ph.D.

Dear udin,

The PDF for your submission, "Numerical Solution of SEIR Model for COVID-19 using Runge Kutta and Homotopy Perturbation Method in Indonesia" has now been built and is ready for your approval. Please view the submission before approving it, to be certain that it is free of any errors. If you have already approved the PDF of your submission, this e-mail can be ignored.

To approve the PDF please login to the Elsevier Editorial System as an Author:

<https://ees.elsevier.com/chaos/>  
Your username is: [syafruddin@unm.ac.id](mailto:syafruddin@unm.ac.id)

Then click on the folder 'Submissions Waiting for Author's Approval' to view and approve the PDF of your submission. You may need to click on 'Action Links' to expand your Action Links menu.

You will also need to confirm that you have read and agree with the Elsevier Ethics in Publishing statement before the submission process can be completed. Once all of the above steps are done, you will receive an e-mail confirming receipt of your submission from the Editorial Office. For further information or if you have trouble completing these steps please go to: [http://help.elsevier.com/app/answers/detail/a\\_id/88/p/7923](http://help.elsevier.com/app/answers/detail/a_id/88/p/7923).

Please note that you are required to ensure everything appears appropriately in PDF and no change can be made after approving a submission. If you have any trouble with the generated PDF or completing these steps please go to: [http://help.elsevier.com/app/answers/detail/a\\_id/88/p/7923](http://help.elsevier.com/app/answers/detail/a_id/88/p/7923).

Your submission will be given a reference number once an Editor has been assigned to handle it.

Thank you for your time and patience.  
Kind regards,  
Editorial Office  
Chaos, Solitons & Fractals

Activate Windows  
Go to PC settings to activate Windows.

Editor handles CHAOS-D-20-03575 Kotak Masuk X



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>  
kepada saya ▾

Sen, 26 Okt 14.41 ☆ ↶ ⋮

🌐 Inggris ▾ > Indonesia ▾ Terjemahkan pesan

Nonaktifkan untuk: Inggris x

Ms. Ref. No.: CHAOS-D-20-03575  
Title: Numerical Solution of SEIR Model for COVID-19 using Runge Kutta and Homotopy Perturbation Method in Indonesia  
Chaos, Solitons & Fractals

Dear udin,

Your submission "Numerical Solution of SEIR Model for COVID-19 using Runge Kutta and Homotopy Perturbation Method in Indonesia" will be handled by Managing Editor Jelena Petrovic, Ph.D..

You may check the progress of your paper by logging into the Elsevier Editorial System as an author at <https://ees.elsevier.com/chaos/>.

Your username is: [syafruddin@unm.ac.id](mailto:syafruddin@unm.ac.id)  
If you need to retrieve password details, please go to: [http://ees.elsevier.com/CHAOS/automail\\_query.asp](http://ees.elsevier.com/CHAOS/automail_query.asp).

Thank you for submitting your work to this journal.

Kind regards,

Elsevier Editorial System  
Chaos, Solitons & Fractals

\*\*\*\*\*  
For further assistance, please visit our customer support site at <http://help.elsevier.com/app/answers/list/p/7923>. Here you can search for solutions on a range of topics, find answers to frequently asked questions and learn more about EES via interactive tutorials. You will also find our 24/7 support contact details should you need any further assistance from one of our customer support representatives.

A manuscript number has been assigned: **CHAOS-D-20-03575** [Kotak Masuk](#)



Chaos, Solitons & Fractals <eesserver@eesmail.elsevier.com>  
kepada saya

Sen, 26 Okt 14:41 ☆ ↶ ⋮

🌐 Inggris > Indonesia ▾ [Terjemahkan pesan](#)

[Nonaktifkan untuk: Inggris](#) ✕

\*\*\* Automated email sent by the system \*\*\*

Ms. Ref. No.: **CHAOS-D-20-03575**  
Title: Numerical Solution of SEIR Model for COVID-19 using Runge Kutta and Homotopy Perturbation Method in Indonesia  
Chaos, Solitons & Fractals

Dear udin,

Your submission "Numerical Solution of SEIR Model for COVID-19 using Runge Kutta and Homotopy Perturbation Method in Indonesia" has been assigned manuscript number **CHAOS-D-20-03575**.

To track the status of your paper, please do the following:

1. Go to this URL: <https://ees.elsevier.com/chaos/>
2. Enter your login details
3. Click [Author Login]  
This takes you to the Author Main Menu.
4. Click [Submissions Being Processed]

Thank you for submitting your work to Chaos, Solitons & Fractals.

Kind regards,

Chaos, Solitons & Fractals

Activate Windows

Go to PC settings to activate Windows

**Chaos, Solitons & Fractals**

Nonlinear Science, and Nonequilibrium and Complex Phenomena

Contact us   
Help ?



Impact of COVID-19 on peer review process; see [here](#).

[home](#) | [main menu](#) | [submit paper](#) | [guide for authors](#) | [register](#) | [change details](#) | [log out](#)

Username: [syafuruddin@unm.ac.id](mailto:syafuruddin@unm.ac.id)  
Switch To: [Author](#) ▾ Go to: [My EES Hub](#)

Version: EES 2020.

### Submissions with an Editorial Office Decision for Author Syafuruddin Side, Ph.D

Page: 1 of 1 (1 total completed submissions)

Display  results per page.

Action	Manuscript Number	Title	Initial Date Submitted	Status Date	Current Status	Date Final Disposition Set	Final Disposition
<a href="#">Action Links</a>	CHAOS-D-20-00941	Stability Analysis and Numerical Simulation of SEIR Model for pandemic COVID-19 spread in Indonesia	Apr 20, 2020	Jul 01, 2020	Completed - Accept	Jul 01, 2020	Accept

Page: 1 of 1 (1 total completed submissions)

Display  results per page.