



CERTIFICATE

OF ACHIEVEMENT

No. 3996/UN9.1.5/AK/2021

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dessy Adriani

Presenter

SRIWIJAYA CONFERENCE

ON SUSTAINABLE AGRICULTURE,
FARMING SYSTEM, AND ENVIRONMENT **(SAC-SAFSE)**

"SUSTAINABLE AGRICULTURE FOR A BETTER FUTURE"

Palembang, South Sumatera - Indonesia, September 29^h, 2021



Committee

Herpandi, S.Pi., M.Si., Ph.D.
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Faculty of Agriculture
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Preface

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PREFACE

Agriculture Faculty of Sriwijaya University has organized **Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System (SAC-SAFSE)** on September 29th, 2021 in Palembang, Indonesia. The objective of SAC-SAFSE presented the latest state of the arts related to Sustainable Environment, Agriculture and Farming System.

As we all might have also seen in the last decade that there has been a quickening of the pace of research and scholarship among both social and natural scientists, as well as among policymakers and activists. To this end, with the support of by Agriculture Faculty, Universitas Sriwijaya, Indonesia and co-organized by Kasetsart University, Thailand; SEARCA Southeast Asia; and Murray State University, USA, organize Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System. The SAC-SAFSE was held to bring together social and natural scientists, and environmental activists to discuss results from ongoing research projects, to find ways to enhance the exchange of knowledge among disciplines, and to establish global partnership both in research and business. We also would like to underline that the SAC-SAFSE would be an annual agenda of Agriculture Faculty, Universitas Sriwijaya.

Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System (SAC-SAFSE) 2021 was implemented virtually, this is because the cov-19 pandemic is still spreading. The conference was perform using zoom. The **Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System (SAC-SAFSE)** event is virtually implemented using Zoom breakout room with a model that all invited speakers and presenters are given time to present their material for 10 minutes followed by question and answer session, through chat forums and Q&A forums provided by the Zoom application and also direct questioning system. Overall, the conference took 10 hours, initially from registration into closing ceremony. The participation of the keynote speakers, invited speakers, and participants were originally from inside and outside countries such as Malaysian, Thailand, Philippines, Vietnam, Sri Lanka, Japan, US, and various regions in Indonesia

Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System (SAC-SAFSE) 2021 was supported by stable internet network system and a zoom application. It met several technical obstacles encountered by the participants, such as difficulty to present their PPT and video. The virtual conference has weakness due to less interaction between participants.

The **Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System (SAC-SAFSE) 2021** committee received 94 manuscripts and a total of 91 papers were presented and discussed. The papers were authored by researchers Indonesia, Malaysian, Thailand, Philippines, Vietnam, Sri Lanka, Japan, US. All papers have been reviewed to be given critical comments and improvements by a panel of reviewers as purpose enhancing quality of the papers. There were 69 papers were selected and eligible to be published in the proceeding as results of review process.

We sincerely express our gratitude to the international/national advisory committee, presenters, participants, contributors of **Sriwijaya Conference on Sustainable Environment, Agriculture and Farming System (SAC-SAFSE) 2021**. High appreciation to the whole committee team for their excellence in managed and organized all parts of this conference even though should face some obstacles due to pandemic condition. The hard works by the Organizing Committee are also highly appreciated. We also express our sincere gratitude to all sponsors, i.e. BNI and BKS Barat. Last but not the least, we are thankful to IOP EES Conference Series for producing the proceeding.

Palembang, 29th September 2021

Dean of Agriculture Faculty Universitas Sriwijaya

Dr. Ir. A.Muslim, M.Agr



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Type of peer review: Double-blind

- a. All papers submitted were checked their similarity index using Turnitin.
- b. Papers have similarity index more than 25% were rejected.
- c. After that, the format of the papers was checked. Papers that did not follow the IOP template will be sent back to the authors for revision.
- d. All papers passed the similarity index and have already follow the IOP template will be sent to the reviewers.
- e. Reviewers reviewed the papers and give comments to the papers.
- f. Scientific committee decided if the papers: accepted, accepted with major revision, accepted with minor revision, or rejected.
- g. Author revised their papers and send back their revision

Conference submission management system:

All papers from the conference submitted to SAC-SAFSE@konferensi.id

Number of submissions received:

94 Submission were received

Number of submissions sent for review:

91 Submission was sent for review, and the rest was rejected because out of scope, low-quality article and high similarity

Number of submissions accepted:

69 Paper accepted based on IOP EES Scope and quality

Acceptance Rate (Number of Submissions Accepted / Number of Submissions Received X 100):

$(69/94) \times 100 = 72.13 \%$

Average number of reviews per paper:

2 Times

Total number of reviewers involved:

15 Reviewer Involved + 6 Editors

Any additional info on review process:

Every manuscript submitted to SAC-SAFSE is independently reviewed by at least two reviewers in the form of "double-blind review". Decision for publication, amendment, or rejection is based upon their reports/recommendation. In certain cases, the editor may submit an article for review to another, third reviewer before deciding, if necessary.



Contact person for queries:

Robbi Rahim, PhD

Sekolah Tinggi Ilmu Manajemen Sukma

Email: robbirahim@ieee.org

Whatsapp +62 8126326393

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Accepted papers received: 08 February 2022

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Landslide and Moving Ground Disasters in Sumurup Village, Trenggalek District, East Java, Indonesia: A Case Study

R Isnaini, M.G.R Pandin, C.S Waloejo and D. Sunyowati

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Moses Glorino Rumambo Pandin, Christrijogo Sumartono Waloejo, Dina Sunyowati and Isnaini Rizkyah

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Water Quality Analysis at Komerling River Kayuagung City Ogan Komerling Ilir Regency

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Frass Production From Black Soldier Fly Larvae Reared On Palm Oil Wastes

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The Granular Compost and Phosphate to Inceptisol on Availability Soil Phosphate, Phosphate Uptake and Maize (*Zea mays L.*) Crop Yield

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Prospects and Feasibility of Implementation of Agricultural Transformation for Food Crops on Sub Optimal Land in Ogan Ilir Regency, South Sumatra

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Physicochemical Characteristics of Modified Ethanol-Treated Red Sorghum *Sorghum bicolor* (L.) Moench Flour

W Setiaboma, L E Yulianti and A Sarfudin

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Uses of Domestic Water Buffalo Milk in South Sumatra, Indonesia

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012019

Effect Of Different Sterilization Time On The Quality Properties and Sensory Acceptance Of Fishball Of Mackerel Fish (*Rastrelliger Kanagurta*) Packaged In Retort Pouch

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T Nurkhoeriyati, B Sturm and O Hensel

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M Gunawan and T Wikaningrum

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Optimization Of Rubber Farmer Revenue In Relation To Rainfall Fluctuations In South Sumatera

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Angiotensin Converting Enzyme (ACE) Inhibitory Activity and Extract Protein Profiles of Mung Beans (*Vigna radiata* L.) Tempeh which Fermented by *Rhizopus* sp

A Muawanah, S Y Chalid, F Hatiningsih, S Nurbayti and Z Z Zunaedi

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M S Soleh, K Mahmood, N Khairuddin, N Saupi and H Kamilah

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The Effects of *Rhizobium* Inoculation On The Growth Of Rice (*Oryza Sativa* L.) and White Radish (*Raphanus Sativus* L.)

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Propagation of Entomopathogenic Bacteria *Bacillus Thuringiensis* in Various Agricultural Waste and its Effectivity Against *Oryctes Rinoceros* (Coleoptera:Scarabaeidae)



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R A Fambayun, R Agustarini and L Andadari

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Marginal Substitution and Allocative Efficiency Evaluation of Rice Farming Applying Organic Fertilizer In Swampy Land Banyuasin Regency, South Sumatera Province, Indonesia

D Adriani, Maryadi, E Purbiyanti, E Mulyana and A Minha

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Food Habit and Feeding Habit of The Silver Rasbora (*Rasbora Argyrotaenia* Blkr) In Waters of Sungai Dua Village, Downstream of Komering River, South Sumatra

M R Ridho, A Setiawan, Sarno, N Suthari, Y S Mulyani and M Avesena

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Utilization of Cuttlefish Bone as The Alternative Source of Heterogenic Alkali Catalyst

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An NFT (*Nutrient Film Technique*) Hydroponic Irrigation System design Using Various Gutter Slopes On Pakcoy Plants (*Brassica rapa* L.)

Puspitahati, M Trianita and R H Purnomo

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