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ICMS UNRIKA
International Conference on
Multidisciplinary Study

1ST INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDY (ICMS 2023)



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Welcome and Opening Speech

Institution Owner _____

Assalamualaikum warahmatullahi wabarakatuh

Good morning and a very warm greeting from University of Riau Kepulauan, Batam City, Kepulauan Riau Province, Indonesia.

On this meaningful occasion, we express our sincerest gratitude to Allah SWT, the Almighty God, for His assistance and blessings. We offer prayers and greetings to the Prophet Muhammad SAW, the best human role model in studying and spreading useful knowledge. We pray that the University of Riau Kepulauan, Batam, Indonesia may successfully organize the First International Conference on Multidisciplinary Study (ICMS-2023) in an effective and efficient manner. We also extend our full respect and gratitude to the Rector of the University of Riau Kepulauan, all the vice rectors, and the structural staffs, as well as the organizing committee for ICMS-2023. We also express our appreciation to the Keynote Speakers who have come from different countries, including Malaysia, the Ministry of Education, Malaysia, Thailand, Austria, and Indonesia. Lastly, we warmly welcome all the respected presenters and participants who have been invited from various countries around the world to contribute to the First International Conference on Multidisciplinary Study (ICMS-2023) which will be held on 19th December 2023 at the University of Riau Kepulauan, Batam City.

The First International Conference on Multidisciplinary Study (ICMS-2023) presents a valuable opportunity for academics, experts, and researchers to develop their potential through multidisciplinary study and to establish international networks and relationships for optimal collaboration in various areas, such as sustainable development of higher education, research, and community services relevant to the demands of Society 5.0, improving the quality of research publications, formulating important decisions to create accommodative policies, and finding practical, applicable, and innovative solutions to complex societal problems. It is expected that ICMS-2023 will contribute to improving the provision of quality education and producing superior human resources and masters of the game through sustainable and integrated collaboration between universities in the country and abroad. Additionally, the conference aims to motivate and involve all components in continuously raising their performance in the fields of education, research, and community service, as well as building wider networks to optimize their role as trustworthy and integrity-driven scientists who positively impact sustainable development at the national and international levels.

Batam, November 27, 2023

Institution Owner
Edwin Agung Wibowo, S.E., M.Comm

Rector University of Riau Kepulauan

Assalamualaikum warahmatullahi wabarakatuh

Good morning and best wishes for all of us. Hopefully, you will be in good health and enthusiastic about spreading useful knowledge. My best regards from University of Riau Kepulauan, Batam City, Kepulauan Riau Province, Indonesia.

It is with the utmost reverence and gratitude that we acknowledge the divine guidance and convenience bestowed upon us by Allah SWT, enabling the successful organization of the First International Conference on Multidisciplinary Study (ICMS-2023). Our sincere hope is that this esteemed event will serve as a catalyst for continuous improvement, inspiring all components and aspects to strive for excellence. As the Chancellor of the University of Riau Kepulauan, Batam, I extend my heartfelt appreciation to the esteemed Institution Owner for their invaluable support and collaboration in organizing ICMS-2023 as a forum for fostering University of Riau Kepulauan resources. The entire University of Riau Kepulauan academic community joins me in expressing our deepest gratitude and warmest welcome to all distinguished keynote speakers who have traveled from various countries, including Prof. Dr. M. Abdul Ghani from Universiti Malaya, Dr. Saiful Adli Bin Ab Rahmi from the Malaysian Ministry of Education, Dr. Christina Schabasser from the University of Sopron, Austria, Prof. Sipnarong Kanchanawongpaisan, Ph.D from Suan Sunandha Rajabhat University, Assc. Prof. Ade P. Nasution, S.E., M.Sc., Ph.D. from Labuhan Batu University, Indonesia, and Dr. Albert Efendi Pohan, S.Pd., M.Pd from the University of Riau Kepulauan, Batam, Indonesia. Furthermore, we extend a warm welcome to all presenters and conference participants from various countries, whether joining us online or in the UNRIKA main hall. We are honored by your presence and look forward to your invaluable contributions to this esteemed event.

The objective of the First International Conference on Multidisciplinary Study (ICMS-2023), which was organized on December 19, 2023, by the University of Riau Kepulauan, Batam, Indonesia, is to provide a platform for the dissemination of research findings for lecturers, students, researchers, and experts. This scientific event aims to facilitate the expansion of work networks for collaboration in research, publications, management of scientific journals, and sustainable development of study programs, faculties, and universities. The ICMS-2023 is one of the continuing academic activities that will be held annually to achieve the vision, mission, goals, and targets of developing higher education towards universities that are competitive at the global level by 2030. Therefore, this activity must be a priority on the annual work agenda and campus strategic program to provide space and opportunity for all lecturers and students to contribute at the global level to achieve accelerated improvement in the quality of the University of Riau Kepulauan at the international level.

Batam, November 27, 2023

Rector

Prof. Dr. Hj. Sri Langgeng Ratnasari, S.E., M.M

Chair Person

Assalamualaikum warahmatullahi wabarakatuh

Good morning and best wishes for all of us. My best regards from University of Riau Kepulauan, Batam City, Kepulauan Riau Province, Indonesia.

With a strong sense of togetherness, the inaugural of First International Conference on Multidisciplinary Studies (ICMS-2023) at the University of Riau Kepulauan, Batam City, Indonesia was a collaborative effort initiated by the academic community, university senate, and support from university leadership. The event was made possible through the cooperation of various committees and the collaboration of domestic and foreign universities. As the Chairperson of the ICMS-2023 Committee, I extend my heartfelt gratitude to all those who contributed to the successful execution of this conference. The event was ran under the theme "Bridging Sustainable Development in the Era of 5.0 Society: Multidisciplinary Study and Social Sciences." It is my pleasure to announce that the conference was attended by 500 participants, with 350 attending offline and 150 participating online. Additionally, the conference featured 100 presenters, with 75 presenting online and 25 presenting offline.

The primary objective of the First International Conference on Multidisciplinary Study (ICMS-2023), held at the University of Riau Kepulauan in Batam City, Indonesia, was to provide a platform for lecturers to present their research findings, foster collaboration and publication opportunities with various stakeholders, and broaden domestic and international networks. To achieve these goals mentioned, the conference organizers invited keynote speakers from four countries who are experts in related fields. The keynote speakers at ICMS-2023 include: 1) Prof. Dr. M. Abdul Ghani, an expert in educational leadership from Universiti Malaya in Kuala Lumpur, Malaysia. 2) Dr. Saiful Adli Bin Ab Rahmi, as an expert in principal leadership from the Malaysian Ministry of Education. 3) Dr. Christina Schabasser, as an expert in management and business science from the University of Sopron, Austria. 4) Prof. Sipnarong Kanchanawongpaisan, B.E., B.A., B.L., M.BA., Ph.D., Ph.D., as an expert in political science and law from Suan Sunandha Rajabhat University, Bangkok, Thailand. 5) Assc. Prof. Ade P. Nasution, S.E., M.Sc., Ph.D., as an expert in economics from Labuhan Batu University, North Sumatera, Indonesia. 6) Dr. Albert Efendi Pohan, S.Pd., M.Pd, as an expert in teacher professionalism development from the University of Riau Kepulauan, Batam City, Indonesia. The conference organizers hope that the presentations made by these keynote speakers will provide new knowledge and insights for all participants of the international conference, which will be organized on December 19, 2023, in the Main Hall of the University of Riau Kepulauan, Batam City, Indonesia.

Batam, November 27, 2023

Chair Person

Dr. Ramses, S.Si., M.Si

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Abstract from Keynote Speech

Enhancing Research Culture In Malaysia

Muhammad Faizal A. Ghani

University of Malaya, Kuala Lumpur, Malaysia; Corresponding author*: mdfaizal@um.edu.my

Abstract. Research culture implies an environment which is full of research activities that produce outputs. In detail, the activities include some combinations of knowledge, skills and values such as collaboration, decision making, trust and appreciation. The goal will be achieved if there are supports from either the internal or external environments of an organization. Therefore, the purpose of this presentation is to share input on internal and external of the organizations' stakeholder to enhance the research culture in Malaysia.

Keywords: research, culture, malaysia

Development Of Malaysian Teacher Leadership Model

Syaiful Adli, Pahang State Inspectorate, Ministry of Education, Malaysia; Corresponding author*: saifuladli.ab@gmail.com

Abstract. School leaders are often blamed if school achievement declines. Realistically, school achievement is highly dependent on leadership competence particularly teacher leadership. Through this study a teacher leadership instrument was designed to gauge teacher leader competency efficacy. To achieve this, three phases of data collection through a multi-method design involving qualitative and quantitative methods were used. In the first phase, needs analysis was done to identify the need to develop a teacher leadership instrument based on the local context by interviewing eight (8) informants resulting in identification of five (5) themes. The five (5) themes are: (a) improving existing instruments; (b) benchmark and evaluate teacher leader effectiveness; (c) increase school community awareness of teacher leadership; (d) establish guidelines to enhance teacher leadership competencies; and, (e) establish self-leadership guidelines for teacher leaders based on local context. In addition, challenges to teacher leadership were also identified in four (4) themes namely: (a) lack of principal support; (b) negative school culture; (c) lack of teacher leadership competency development programs; and, (d) teachers' additional workload. The second phase was a three (3) round session Delphi study to develop the instrument involving 17 local education leadership experts. Semi-structured interviews were conducted in the first round resulting in identification of seven constructs which were: (a) professional teacher leadership; (b) collaborative culture; (c) self-competency development; (d) conducive school environment; (e) enriching school data; (f) stakeholders' agreement; and, (g) accepting diversity. From these themes, 720 items were constructed through content analysis in the second round. Finally, in the third round following the agreement of panel of experts in educational leadership, 577 items were retained with a high consensus of 97.52% and threshold value d at 0.849 through the Fuzzy Delphi method analysis. The findings of this study can serve as guidelines for teachers to reflect on their own leadership practices in order to influence their colleagues and communities collaboratively, thereby enhancing the quality of education.

Keywords: development, teacher leadership, Malaysia

The Relationship Among Leadership, Risk Management, and Business Continuity In Bangkok's Construction Industry After The Covid-19 Pandemic

Sipnarong Kanchanawongpaisan & Tikhamporn Punluekdej

Sunandha Rajabhat University, Bangkok, Thailand; Corresponding author*: sipnarong.ka@ssru.ac.th

Abstract. This study examines the impact of leadership management on business continuity in Bangkok's construction industry after the COVID-19 pandemic. It also focuses on the role of risk management as a mediator in the said relationship. The study mainly investigates leadership dimensions, including vision, communication, motivation, decision-making, adaptability, team building, delegation, continuous improvement, and ethical behavior. The G*Power software program was conducted, yielding a sample size of 330 construction firms in which the effect size is 0.3, the power is 0.95, and there are 18 degrees of freedom. The study employed Structural Equation Modeling (SEM) with AMOS software to illustrate the significant influence of leadership management on business continuity via risk management. The results indicated that leadership attributes in terms of adaptability and ethical conduct are crucial for risk management and business continuity. It emphasizes the importance of implementing comprehensive leadership and risk management to enhance the long-term viability of organizations. The results highlight the significance of leadership styles that encourage proactive risk management. It also suggests integrating leadership and risk management to strengthen business continuity.

Keywords: leadership management, risk management, and business continuity

Teacher's Professional Development Program In Indonesia: What Do The Empirical Facts Tell Us About?

¹Albert Efendi Pohan, ²Sugiyono, ³Lantip Diat Prasajo

¹University of Riau Kepulauan, Batam City, Indonesia; ^{1,2}Yogyakarta State University, Yogyakarta City, Indonesia; Corresponding author*: albert.efendipohan@gmail.com

Abstract. Improving teacher professionalism in Indonesia is a priority for the Indonesian Minister of Education, who has implemented various programs aimed at achieving this goal. These programs include continuous competency improvement programs, zoning-based learning competency improvement programs, and driving teacher education programs. Each of these programs has its own set of management functions and targets. However, an empirical study conducted through data analysis has found that the implementation of all types of teacher professionalism improvement programs in Indonesia has not been effective, particularly in underdeveloped areas of the country. This presentation aims to provide empirical facts related to the implementation management of all types of teacher professionalism improvement programs in Indonesia. Furthermore, a conceptual model has been developed and explained, which outlines a hypothetical management model for increasing teacher professionalism in Indonesia, with a particular focus on underdeveloped areas.

Keywords: teachers' profesional, development, management, Indonesia

Factors Affecting Indonesian To Substitute Staple Food Among Gen-Z

Ade Parlaungan Nasution

University of Labuhanbatu, Labuhanbatu, Indonesia; Corresponding author*: adenasution@gmail.com

Abstract. In an era of dynamic and unstable global conditions, the government must increase awareness of various threats, including food crises. Efforts must be made to ensure the availability of affordable foods. Increasing rice consumption in Indonesia plays a strategic role in facing food security challenges and in improving community welfare. Based on the statistical data, there is an imbalance between rice consumption and productivity. Based on this, discussions related to food diversification are a relevant topic of study and still have challenges that need to be analyzed. One of the challenges in this case is to raise the intention of Indonesians to start trying to consume variations in staple food ingredients. In this study, quantitative methods based on the philosophy of positivism were applied. Data from 1500 students from ten universities spread across various regions in Indonesia were collected using purposive sampling and a self-administered structured questionnaire survey distributed online. SPSS 26.0 and Smart PLS 3.0, were used to analyze the data. Sample selection was limited to Gen-Z because consumption behavior was more likely to intervene. The Theory of Planned Behavior (TPB) is considered a supporting theory in this research to explain how to overcome obstacles. Based on the results of the statistical analysis, it is known that attitudes and behavioral control of Gen-Z have a positive effect on the intention to consume a variety of foodstuffs. By contrast, subjective norms have a negative influence on the intention to consume various foodstuffs. The results of this study provide insights for scholars and policymakers.

Keywords: food diversification, theory of planned behavior, food security, gen-Z

Society 5.0: Transforming Challenges Into Sustainable Food Supply Chains

Christina Schabasser

University of Sopron Alexander Lamfalussy Faculty of Economics, Hungary; Corresponding author*: christina.schabasser@live.at

Abstract. The food industry is one of the most important sectors in Indonesia's economy as the largest contributor to its national GDP. Unfortunately, the global food system is facing many challenges today, ranging from climate change to biodiversity loss, pollution, and ocean exploitation. Moreover, people's ethical concerns over sustainability may influence their purchasing decisions. This research investigates how the society 5.0 concept addresses the challenges of sustainable food supply chains. It involved a close-ended questionnaire distributed to decision-makers in the food industry. This data collection and analysis process offers new insights into the society 5.0 concept optimization to preserve sustainable food supply chains.

Keywords: society 5.0, transforming, sustainable, food supply
