

ICMRP 2018 Conference Proceeding Book of Papers

6th "Innovation Challenges In Multidisciplinary Research & Practice (ICMRP 2018)

Editor:

Dr Ahmad Saddam Ph.D., Country Director (Global Illuminators Iraq)

ISBN: **978-969-695-026- 4**

Printed and Published by: Global Illuminators Malaysia

ICMRP 2018 Conference Organizing Committee

Conference Chair

Farooq Ahmed Jam (Ph.D.) *Executive Director (Global Illuminators)*

Conference Co-Chair

Tariq Iqbal Khan (Ph.D.) Director Global Operations (Global Illuminators)

Conference Co-Chair

Muhammad Abbas (Ph.D.) Director Policy & Research (Global Illuminators)

On Chee Hoong *Manager Operations (Global Illuminators)*

Editor Conference Proceeding Ahmad Saddam *Country Director Iraq (Global Illuminators)*

Conference Chair Message

Farooq Ahmed Jam (PhD)

6th International Conference on "Innovation Challenges in Multidisciplinary Research & Practice" (ICMRP-2018) serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the regional and global challenges faced by our societies. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe, these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences. The scholars attending this conference will certainly find it helpful in refining their own research ideas, finding solutions to basic/applied problems they face and interact with other renowned scholars for possible future collaborations.

I am really thankful to our honourable scientific and review committee for spending much of their time in reviewing the papers for this event, selecting the best paper awards and helping the participants in publishing their research in affiliated journals. Also special thanks to all the session chairs from industry, academia and policy-making institutions who volunteered their time and support to make this event a success.

A very special thanks to the great scholars for being here with us as key note speakers. Their valuable thoughts will surely open the horizon of new research and practice for the conference participants coming from across the globe. Iam also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let's break all the discriminating barriers and get free from all minor affiliations. Let's contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Type of ICMRP Papers

For this year, ICMRP has two types of papers: *Empirical Studies* and *Insight*. Research papers meet the needs of researcher and reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute in the scientific body of knowledge. Contrary, Inside papers meet the needs of policy makers and professionals and reviewed on the basis of high practical standards. The objective of the Insight is to identify the real world problems and how can solve with the help of information systems.

Reviewing Criteria

In ICMRP all papers are used to judge on the criteria (relevance, significance, originality, validity and clarity). However some criteria differ between the Research papers and Insight papers.

Relevancy: Relevancy has a great impact on the theme of the conference. The material is relevant and according to the theme of the conference.

Significance: Knowledge in different researches in the conference is related to research papers and insight papers.

Originality: Ideas that are new for the researchers are used in the conference.

Validity: Research papers in the conference are based on theory while the insight papers in the research are based on experimental researches. References are according to content.

Clarity: Papers are according to the format, language is easy and understandable by the audience in the conference.

Acceptance Rates

Full Research Papers				
Submitted Papers	Accepted Papers	Withdrawn	Unqualified papers	Acceptance Rate
22	11	2	9	50%

Copy right Agreements

In ICMRP 2018 proceedings all authors are agreed on the copy right agreement. This agreement shows that only authors can retain copyright. It also permits that nobody can use for non-commercial purpose such as to download, print out etc of an article published in the ICMRP 2018 proceedings. All credit is given to the authors and they have copyright agreements. This copyright agreement and use license ensures, among other things, that an article will be as widely available as possible and that the article can be included in any scientific archive.

Acknowledgment

A huge numbers of people helped in conducting the conferences. First of all thanks to all the members of the Conference and Program Committee and representatives of the ICMRP board and their helpers. We also want to thank all the Track Chairs, Track Co-Chairs and reviewers, as well as all the member of the Scientific Committee for their help in the review process and organizing the tracks and special sessions. We thank everyone for their hard work and dedication to this conference and we look forward to the latest episode of the ICMRP tradition.

Farooq Ahmed Jam (Ph.D.), Tariq Iqbal Khan (Ph.D.) and Muhammad Abbas (Ph.D.)

Program Chair & Co-Chairs

ICMRP 2018 Scientific and Reviewers Committee

BUSINESS, MANAGEMENT AND ECONOMIC STUDIES

Palti Marulitua Sitorus (PhD) Chair of Scientific & Review Committee Telkom University Indonesia

Mej Mohd Noor Azli bin Hj. Ali Khan (PhD) University Technology Malaysia.

Prof. Ravindran Ramasamy (PhD) Graduate School of Business, UniRazaK, Kuala Lumpur, Malaysia

Prof. Madya Raja Roslan Raja Abd. Rahman (PhD) Human Resource Development/Management, University Technical Malaysia Melaka,

Ludmila Mládková (PhD) Faculty of Business Administration, Department of Management University of Economics Prague, Czech Republic

Mohd Norfian Alifiah Faculty of Management Department of Accounting and Finance, Universiti Teknologi Malaysia, Malaysia

Ahmed Saddam (PhD)

Country Director- Iraq Global Illuminators

Mohammad Hamad Khalef AlKhresheh (PhD) Country Director-Jordan Global Illuminators

Christophe Schinckus (PhD)

School of Management Ken Edwards Building University of Leicester

Dr. Suresh B.Gholse (PhD) VatarMeherbaba College,

Rtm Nagpur University, Nagpur, India

Tahir Masood Qureshi (PhD)

College of Business Administration American University in the Emirates, UAE

Ghulam Rasul Awan (PhD) UCP Business School, UCP Lahore Pakistan

Lau Wee Yeap (PhD) Faculty of Economics & Administration, University of Malaya, Kuala Lumpur, Malaysia

Vignes Gopal Faculty of Economics and Administration University of Malaya, Malaysia

J. A. Arul Chellakumar (PhD) Head Department of Economics Bharathidasan University Tiruchirappalli, Tamilnadu, India

Girish Karunakaran Nair (PhD)

Programme Leader International Hospitality Management Faculty Stenden University, Qatar

Galla Venkata Rama Krishna Acharyulu (Phd)

School of Management Studies, University of Hyderabad, India.

Santi Rahmawati

School of Business and Management, Institut Teknologi Bandung, Indonesia

Amir Hossein Dastaviz (PhD)

Institute of Graduate Studies, University Of Malay, Kuala Lumpur, Malaysia

Syed Ahmed Salman International Islamic University Malaysia, Gombak, Selangor, Malaysia

Dr. Wurim Ben Pam (PhD) Federal University, Dutsin-ma, Katsina State- Nigeria

Wang, Yu-Mei Asia University, Taiwan

Aglis Andhita Hatmawan STIE Dharma Iswara Madiun, Indonesia

Hasnun Anip Bin Bustaman University Teknologi MARA Malaysia

Bertin Chen Vanung University, Taiwan

Susan Irawan Rifai Centro Escolar University, Philippine

Jihoon Kim Ehime University, Korea, South

Chien-Tu Jeff Lai National Chengchi University, Taiwan

Haykel Hadjs Alem LEM, University of Lille FRANCE,

Prof. Dr. Tarek Taha Ahmed Faculty of Business, Pharos University in Alexandria, Egypt

Samar J. Al-Barghouthi Royal University for Women, Bahrain

Deus Ngaruko Centre for Economics and Community Economic Development, the Open University of Tanzania

Mohammad Ehsani Tarbiat Modares University, Israel,Imam Khomeini International University, Iran

Ismail BİLGİÇLİ Sakarya University Karasu MYO,Turkey

Tack Hyun Shin Seoul National University of Science and Technology, Korea, South

Sun-Young Nam Department of Pharmacology, College of Korean Medicine, Kyung Hee University, Seoul, 130-701, Republic of Korea

Vicent Stanslaus The Open University Of Tanzania

Partha Ray Indian Institute of Management Calcutta, Institute of Management Technology, Ghaziabad, India

SOCIAL SCIENCE AND HUMANITIES

Sailesh Sharma (PhD) Deputy Vice Chancellor (Academic & International) University of Malaya, Kuala Lumpur, Malaysia

Siamak Khodarahimi (PhD) Islamic Azad University, Fars Province, Iran

Rex Balena (PhD) Oceanographer and Education Specialist University of the Philippines in the Visayas

Dr. A B Sharangi HOD,Research Scholar, Agricultural University, India

Jayson E. Lannu Jose Rizal University, Philippines

Amandha Boy Timor Randita Faculty of Medicine, Sebelas Maret University, Indonesia

Gogoberidze George Russian State Hydrometeorological University (RSHU),Russia

Krittawaya Thongkoo Chiang Mai University, Thailand

Tzu-yi Lee Chung Yuan Christian University, Taiwan

Renan Limjuco(PHD) University of the Immaculate Conception Davao City, Philippines

Kankan Kasmana Departemen Visual Communication Design-Indonesia Computer University, Indonesia

Monique Musni- Tagaytay, MA. Ed University of the Immaculate Conception Philippine, Philippine

Naidu Narainsamy Department of Psychology of Education, University of South Africa (UNISA), College of Education, South Africa

Sultanbayeva Gulmira Al-Farabi Kazakh national University Kazakhstan

Emilio A. Cruz Bulacan State University, Malolos City , Bulacan Philippines

Si,Li Wuhan University, China

Dr. Nessreen A. Elmelegy Royal University for Women, Kingdom Of Bahrain, Bahrain

Dr. Shusil Kumar Das Daffodil International University, Dhaka, Bangladesh

Dr. Rovelina B. Jacolbia

Polytechnic University of the Philippines

Sathiamoorthy Kannan Institute of Educational Leadership, University of Malaysia

Dr. Isabella Musyoka-Kamere Maasai Mara University, Kenyatta University Kenya

Hadi Ebadi Universiti Teknologi Malaysia 2. Razi University, Iran

Dr. Shusil Kumar Das Daffodil International University, Dhaka,Bangladesh

Botabaeva Ademi Erkebaevna Eurasian National University named after L.N. Gumilyov, Kazakhstan

Girma Y. I. Menelik Penza State University Russia,K.Satbaev Kazakh National Technical University Kazakhstan

I-Ju Chen Ling Tung University Taiwan

Wen, Yvonne, Ying-Ya National Formosa University, Taiwan

PHYSICAL LIFE AND APPLIED SCIENCES

Yan LI (PhD) Nanyang Technological University, Singapore

Md. Saleh Ahmed (PhD) Department of Mathematics & Statistics Sultan Qaboos University, Muscat, Oman

Saon Banerjee (PhD) OIC, AICRP on Agrometeorology, State Agricultural University

Mohd Nizam Omar Universiti Utara Malaysia, 06010 UUM Sintok, Kedah, Malaysia

Amina Bakhrouf Laboratory of Analysis, Treatment and Valorisation of Environment Polluants and Products, Monastir, Tunisia

Shatrova, Olga Russian State Hydrometeorological University (RSHU),Russia

ENGINEERING AND TECHNOLOGY STUDIES

Nurul Akmar Binti Emran (PhD) Faculty of Information Communication Technology Universiti Teknikal Malaysia Melaka

Chee-Ming Chan (PhD) Civil and Environmental Engineering Universiti Tun Hussein Onn, Malaysia

Zhaparov Meirambek Kazimovich (PhD) Head of Micro learning Research Centre Suleyman Demirel University, Kazakhstan

Noor Zaman (PhD) College of Computer Science and IT, King Faisal University, Saudi Arabia

Kelly Whealan George (PhD) Embry-Riddle Aeronautical University (ERAU), USA

Prof. Dr. Hj. Dwi Kartini , SE. Spec. Lic (PhD) University of Computer Indonesia (Unikom) Bandung Indonesia

Valeria Ersilia Oniga (Ph.D) Department of Terrestrial Measurements and Cadastre Technical University "Gh.Asachi" from Iasi Romania

Prof. Dr. Hj. Dwi Kartini , SE. Spec. Lic (PhD) University of Computer Indonesia (Unikom) Bandung Indonesia

Mira Rahayu Telkom University Indonesia,Indonesia

Ony Widilestariningtyas Universitas Komputer Indonesia,Indonesia

Yully Ambarsih Ekawardhani UNIKOM,Institut Teknologi Bandung,Indonesia

Emel Zeray Selcuk University Geomatics Department, Turkey

Nedjah Preparatory School of Sciences and Technology (EPST Annaba), Algeria

Tashenova L. N. Gumilyov Eurasian National University, Kazakhstan

Farah Jemili

Department of Computer Sciences, Highe Institute of Computer and Communication Techniques, Sousse University, Tunisia

Nahid Sanzida Bangladesh University of Engineering and Technology (BUET) Bangladesh

HEALTH AND MEDICINE STUDIES

Balachandar S. Sayapathi (PhD) Faculty of Medicine, University of Malaya

Ahmed Kaid Naji Allow (PhD) Head of Dept. of Human Physiology College of Medicine and Health Sciences Sana'a University, R. Yemen

Prof. Dr. drg. Andi Zulkifli, M.Kes Faculty of Public Health Hasanuddin University, Makassar, Indonesia

Fauzie Rahman Head of Health Policy Management Department at School of Public Health, Faculty of Medicine, Lambung Mangkurat University, Indonesia

Helia Rahbari Faculty of Paramedical Sciences at Shahid Beheshti University of Medical Sciences, Iran

Dr Narjis Rizvi Aga Khan University, stadium road – Karachi – Pakistan

Dr. Elvira Urgel(PHD) Centro Escolar University,china

Maria Bea Lao Medical Technology/Medical Laboratory Science University of the Immaculate Conception Philippine

Nima Kasraie Children's Mercy Hospital United State

Haseen Fariha Bangabandhu Sheikh Mujib Medical University, Bangladesh

Der-Hsiang Huang Graduate Institute of Professional Development in Education, Da-Yeh University, Taiwan

kazushi Okamoto Aichi Prefectural University japan

Abolhassani Shahla Shahrekord University of Medical Sciences, Shahrekord, Iran

Dr. Umme Kulsum Rima Hajee Mohammad Danesh Science & Technology University Dinajpur, Bangladesh

Mohammad A. H. Khan Faculty of Veterinary Science, Bangladesh Agricultural University

Enayatollah Kalantar

Dietary supplements and Probiotic Research Center and Department of Microbiology and Immunology, School of Medicine, Alborz University of Medical Sciences, Karaj, Iran

Cahit Canbay Yeditepe University, Turkey

Rahbari,Helia

Faculty of Paramedical Sciences at Shahid Beheshti University of Medical Sciences, Tehran, Iran

Cheng-Chi Chang

Graduated Institute of Oral Biology, National Taiwan University, Taipei, Taiwan

Bodin Oleg N Ling Tung University Taiwan

Zahra Godarzi Tehran University of Medical Sciences Iran

Zhou Rui-Hua School of Public Health, North China University Of Science And Technology

ICMRP 2018 Keynote Speakers

Prof. Dr. Husaini, MPH

Prof. Dr. Husaini, MPH is a Professor of Public Health Study Program, Faculty of Medicine, Lambung Mangkurat University, Indonesia. He graduated from Doctoral Program of Health and Medicine Science in Gadjah Mada University, Indonesia. He worked as a senior lecturer and researcher in the public health field. He was a former Head of Master of Public Health Science Program on Lambung Mangkurat University, Indonesia. His research certainly studied the case and phenomenon on the environmental health, occupational health, and health policy sectors. Currently, he is doing a research with Lambung Mangkurat University Research Group collaborate with Ministry of Health, the Republic of Indonesia in term of stunting mitigation research. He was also actively involved in several profesional organizations such as Indonesian Public Health Union Kalimantan Selatan Region, and as a Executive Director of Center of Public Health Policy in Lambung Mangkurat University, Indonesia. He was also participated in the several Global Illuminators Events both as a participant, international scientific review committee member, conference coordinator, even a Keynote Speaker in ITMAR-2017 in Turkey. Eventually he usually became a speaker on several seminars and conferences such as International Conference of Public Health Action in Indonesia and others. He have also published several research articles on the high impact journals and scientific book in term of public health. His speech at ICMRP 2018 would be great contribution to participants knowledge.

ICMRP 2018Track's Chairs

Business, Management, Economic, Social Sciences and Humanities Studies

Budi Susetyo & Suriah

Health and Medicine Studies

Farooq Ahmed Jam & Tadeusz Dudycz

Engineering, Technology, Physical and Applied Sciences

Prof. Dr. Husaini, MPH & Mathew Sherin

Best Paper Nominee List

An Investigation of Inbound International Students' We-Chat Usage and Educational Value in China

Mohammad Alauddin¹, Xuhui Wang²

^{1,2} Dongbei University of Finance and Economics, China

Technical Development to Assess Soil Health Using Soil Health Index

Latief Mahir Rachman,

Bogor Agricultural University, Indonesia

Bodyweight and Body Length of Foetus in Endothelial Dysfunction Model Pregnant Mus musculus as Preeclampsia Induction Which was Given Mild Regular Exercise

Noor, Meitria Syahadatina¹, Santoso, Budi², Triawanti³. Widjiati⁴

^{1,2,3} Lambung Mangkurat University, Indonesia

⁴ Airlangga University, Indonesia

360-degree VR Contents for Nursing Skill

Jung-Ha Park^{1*}, Yun-Bok Lee², Yeon-Ja Kim³

^{1,2,3} Dongseo University, Korea

Does the Par Value influence the success of IPO?

Tadeusz Dudycz*

Wroaław University of Science and Technology, Poland

ICMRP 2018 Best Paper Award Winners

An Investigation of Inbound International Students' WeChat Usage and Educational Value in China

Mohammad Alauddin¹, Xuhui Wang²

^{1,2} Dongbei University of Finance and Economics, China

Does the Par Value influence the success of IPO? *Tadeusz Dudycz*^{*}

Wroaław University of Science and Technology, Poland

List of ICMRP 2018 Academic Papers

1. Business, Management and Economic Studies

ID: SMSTPA-18-101 Does the Par Value influence the success of IPO? *Tadeusz Dudycz* Wroaław University od science and Technology, Poland

2. Social Sciences and Humanities

ID: ICMRP-18-118 Significance of Political Advertisements in Indian Society (A Critical analysis on 'Swachh Bharat Mission') Ananya Singh*¹, Pooja Jain² ^{1,2} Manipal University, Jaipur, India

ID: ICMRP-18-119 An Investigation of Inbound International Students' WeChat Usage and Educational Value in China Mohammad Alauddin^{1*}, Xuhui Wang² ^{1,2} Dongbei University of Finance and Economics, People's Republic of China

ID: ICMRP-18-120

Analysis and Discussion of the Ig-Nobel Prize Ikuo Kitagaki^{1*}, Keizo Nagaoka², Atsushi Hikita³ ¹ Kaetsu University, Japan ² Waseda University, japan ³ Hiroshima Universities, Japan

ID: ICMRP-18-127 Digital Ooh Advertising in Indian Public Spaces *Mathew Sherin*^{1*}, *Ozarkar Anantkumar*² ^{1,2} Manipal University Jaipur, India

3. Health and Medicine

ID: ICMRP-18-129

Strengthening the Intentions and Actions of the Mother in Preparing Vegetables and Fruit Menus through the Emotional Demonstration Method

Suriah^{1*}. *Indra Fajarwati*², *Muhammad Rachmat*³. *Andi Imam Arundhana*⁴ ^{1,2,3,4} Hasanuddin University, Indonesia

ID: ICMRP-18-135

Bodyweight and Body Length of Foetus in Endothelial Dysfunction Model Pregnant Mus musculus as Preeclampsia Induction Which Was Given Mild Regular Exercise

Noor, Meitria Syahadatina^{1*}, Santoso, Budi², Triawanti³, Widjiati⁴

^{1,3}Lambung Mangkurat University, Banjarmasin, South Kalimantan, Indonesia

^{2,4} Airlangga University, Surabaya, East java, Indonesia

ID: ICMRP-18-137

360-degree VR Contents for Nursing Skill

Jung-Ha Park^{1*}, *Yun-Bok Lee*², *Yeon-Ja Kim*³ ^{1,2,3} Dongseo University, Republic of Korea

ID: ICMRP-18-140 Evaluation of Parasite Number and Bodyweight in Mus musculus Which Was Infected by Plasmodium Berghei

Istiana^{1}, Noor, Meitria Syahadatina²* Lambung Mangkurat University, Banjarmasin, South Kalimantan, Indonesia

ID: ICMRP-18-143 Stay Home Management on Improving Health Status of Children Tubercolusis Patients in Banjarbaru City

Lenie Marlinae^{1*}, *Laily Khairiyati*², *Tien Zubaidah3*, *Husaini*⁴, *Nida Ulfah*⁵ ^{1,2,3,4,5}Lambung Mangkurat University, Banjarmasin, South Kalimantan, Indonesia

ICMRP Conference Committee

Conference Chair

Farooq Ahmed Jam (Ph.D.) Executive Director (Global Illuminators)

Conference Co- Chair

Tariq Iqbal Khan (Ph.D.) Director Global Operations (Global Illuminators)

Conference Co-Chair

Muhammad Abbas (Ph.D.) Director Policy & Research (Global Illuminators)

On Chee Hoong Manager Operations (Global Illuminators)

Editor Dr Ahmad Saddam (Ph.D.)

ISBN: **978-969-695-026-4** Printed and Published by: Global Illuminators Malaysia