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PROCEEDING

CONFERENCE

THE 3rd INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION (ICEE)

ICEE
INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION

theme:
"What is Elementary Education Need for Sustainable Development"

Bandung, West Java
21st November 2020

ELEMENTARY EDUCATION PROGRAM
SCHOOL OF POSTGRADUATE STUDIES
UNIVERSITAS PENDIDIKAN INDONESIA

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PROCEEDING

THE 3rd INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION

"What is Elementary Education Need
For Sustainable Development"

Bandung, West-Java, 21st November 2020

Organized by:
ELEMENTARY EDUCATION STUDY PROGRAM
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"What is Elementary Education Need for Sustainable Development"

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PREFACE

Assalamua'laikum warohmatullohi wabarokatuh

All praise is due to Allah, the Lord of the World, the Master, and the Creator of everything in the Universe. for enabling us to meet together in this international seminar. Peace and salutation be upon to the noble Prophet of Islam, Muhammad S.A.W. and his household, his companions, and his faithful followers until the end of time.

The honorable, Rector of Universitas Pendidikan Indonesia.

The honorable, Head of Postgraduate Universitas Pendidikan Indonesia.

The honorable, Keynote Speakers and invited speakers in the international conference.

Thank you for your joining today. I would like to say thank you very much to the entire committee of the international conference who had hard work to prepare this seminar with good, and especially to all the guests of this conference.

The theme of this international conference is "What is Elementary Education Need for Sustainable Development". This conference aims to discuss as education practitioners, we design a program that later can be used to develop the cognitive and attitudes of our students in a better direction.

Currently, the number of participants who joined is 151 people. At this conference, we will get a lot of important information. By this, I, who represent the entire committee hope that this conference beneficial to all. So, my opening remarks.

I cover with wabillahitaufik wal hidayah wassalamualaikum Wr Wb.

With our warmest regards,
Sincerely,
Chairman the 3rd ICEE

INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION

Asep Saefudin, S.Pd.

SPEECH OF RECTOR OF UPI

Assalamualaikum Wr. Wb.

Good afternoon, ladies and gentlemen, The honorable keynote speakers, The honorable guests, The honorable Director of the School of Postgraduate Studies, The honorable organizing committee of the Conference, and distinguished guests, ladies, and gentlemen, a very good afternoon to you all.

First of all, through this welcome speech, I would like to extend my gratitude to all the committee members of the 3rd International Conference on Elementary Education (ICEE) conference for the hard work in Preparing and organizing this event. My sincere gratitude also goes to all of the keynote speakers of the conference for sharing their expertise in this event.

Ladies and gentlemen, the 3rd International Conference on Elementary Education (ICEE) conference with the theme "What Is Elementary Education Need for Sustainable Development." I do appreciate the Elementary Education Study Program, School of Postgraduate Studies, Universitas Pendidikan Indonesia, for conducting this event. This event will become a good platform for accommodating various interests and expertise in the field of elementary education. Thus, discussions on elementary education in the framework of innovation will yield multifaceted outcomes.

Moreover, I would like also to thank all the participants for attending and participating in this event. Hopefully, this event gives a meaningful experience for all of you. Last but not least, be safe and healthy. Thank you very much.

Wassalamualaikum, Wr. Wb.

Bandung, 21st November 2020
Rector of Universitas Pendidikan Indonesia

Prof. Dr. M. Solehuddin, M.Pd., MA.

SPEECH OF DIRECTOR OF SCHOOL OF POSTGRADUATE STUDIES

Assalamualaikum Wr. b.

Good morning the honorable rector of UPI Prof. Dr. H. M. Solehuddin, M.Pd., MA. Keynote speakers, guests, invited speakers, parallel speakers, the conference committee, and honorable participants.

It is an honor to be here to welcoming elementary education practice from many countries that will be practicing ideas, knowledge, and innovation exchange on their study and practice in elementary education. *What is elementary education need for sustainable development* is the conference theme. We should expect critical challenges ahead in fully realizing the spirit of the theme. We should proactively manage the many changes we face every day, especially in this pandemic situation. Let us use all care, competence, and energy for creating sustainable education for our students in our country and other parts of the world.

Regarding the time difference of the conference virtually held, I deeply appreciate the attendance and contribution of all speakers and participants from other countries and different parts who have significant time differences in this conference. Such as an hour for Turkey and even 12 hours for the United States.

Member of the organizing committee and graduate student of elementary education department staff under Dr. H. Wahyu Sopandi, M.A. have been working very hard. I would like to thank them for their dedication, time, and effort. I also want to thank our partner, individual and organization partner, and volunteer. Without their generosity, we would not be able to create a total environment to support all participants in the conference. Thank you all for your presence and participation and you are a very important part of the conference's success. Thank you very much and have a great conference.
Wassalamualaikum wr. wb.

Bandung, 21st November 2020
Director of School of Postgraduate Studies of
Universitas Pendidikan Indonesia

Prof. Dr. Syihabuddin, M.Pd.

SPEECH OF HEAD OF ELEMENTARY EDUCATION STUDY PROGRAM OF UPI

Welcome to the 3rd International Conference on Elementary Education (ICEE) 2020. It is an honor for us, the Elementary Education Study Program (EESP), School of Postgraduate Studies, Universitas Pendidikan Indonesia, to have you as our keynote speakers, presenters, and participants coming from different parts of Indonesia and other countries. Welcome to Bandung, the land of Paris Van Java.

This conference elevates a theme "What is Elementary Education Need for Sustainable Development." This general theme is intended to accommodate various interests and expertise in the field of elementary education. Thus, discussions on elementary education in the framework of innovation will yield multifaceted outcomes. The researchers are expected to explain how. The innovation of their research can serve as a basis for improving the quality of elementary education. The practitioners are also welcome to share their best practices that will be beneficial for our future.

We are very grateful to have four keynote and Invited speakers that will certainly enhance our knowledge and understanding about the research and teaching related to the theme of this international conference. I would like to take this opportunity to thank them.

Keynote Speakers:

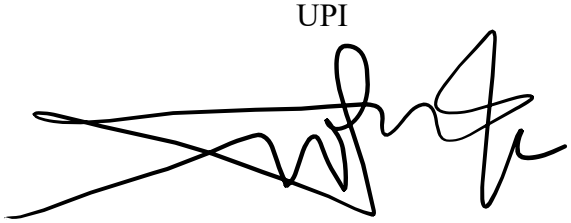
1. Prof. Baryam Coştu (Yildiz Technical University, Istanbul Turkey)
2. Prof. Dato' Dr. Ab. Halim Tamuri (Rector of Kolej Universiti Islam Antarbangsa Selangor (KUIS), Malaysia)
3. Colleen Megowan-Romanowicz, Ph.D. (Arizona State University)
4. Dr. Hazrul Affendi Mohmad Razali (Vice Chancellor of Kolej Islam Teknologi Antarbangsa (KITAB) Pulang Pinang Malaysia)

Invited Speakers:

1. Prof. Dr. Udin Syaefudin Sa'ud, M.Ed, Ph.D. ((Universitas Pendidikan Indonesia)
2. Prof. Dr. Marsigit, M.A. (Universitas Negeri Yogyakarta)
3. Prof. Dr. Ida Zulaeha, M.Hum. (Univeritas Negeri Semarang)
4. Arif Hidayat, Ph.D., Ed. (Indonesia Consortium for Learning Improvement ALSI, Universitas Pendidikan Indonesia)

In this opportunity, I would also like to extend my gratitude to all presenters in parallel sessions and participants of this conference; you make this conference lively and vibrant. Thanks are also due to The Rector, vice Rectors and the Director of the School of Postgraduate Studies of Universitas Pendidikan Indonesia for their invaluable and continuous support to make this conference happen.

Bandung, 21st November 2020
The Head of Elementary Education Study Program, School of Postgraduate Studies UPI



Dr. päd. H. Wahyu Sopandi, M.A.

KEYNOTE SPEAKER

Hazrul Affendi Bin Mohmad Razali is a lecturer at Kolej Islam Teknologi Antarbagsa (KITAB) in Pulau Pinang Malaysia with expertise in Teaching and Learning Arabic. His principal study has been in Arabic Studies and Islamic Civilization and in 2017 he completed his Ph.D. from Universiti Kebangsaan Malaysia which looked at the views of Level of Mastery of Grammar Among Teachers of Sijil Tinggi Agama Malaysia (STAM). Throughout his career, he created many works including writing the book such as Introduction to Qiraat Al-Qur'an (2017), The Principles of Proficiency in Reading and Writing Arabic (2013), The Principles of Proficiency in Listening and Speaking Arabic (2013), and The Principle of Fardhu Ain (2012). Another of his works is the writing of several articles, one example of which is an article entitled Elements of Teaching Arabic (2019).

Prof. Bayram COŞTU is a Professor of Science Education at Yildiz Technical University, Istanbul Turkey. He has a wide range of research interests including identification, design, and implementation of intervention strategies to challenge students' conceptions and students' use of analogies and models as an aid to their conceptual understanding of science concepts and history and philosophy of science, nature of science, evaluation of science textbooks and animations to achieve conceptual change. He is the author of more than 30 papers and acts as a reviewer for a range of journals, and is on editorial/advisory/review boards for Journal of Research in Science Teaching, Journal of Chemical Education, Journal, Journal of Turkish Science Education, Eurasian Journal of Educational Research, Chemistry Education: Research and Practice (CERP), Asia-Pacific Forum on Science Learning and Teaching and International Journal of Vocational and Technical Education.

Professor Dato' Dr. Ab. Halim bin Tamuri is currently a lecturer at Selangor International Islamic College, University (KUIS) Malaysia with expertise in Islamic Education, Teacher Training, and Moral Education. His principal study has been in Islamic Education and in 2000 he completed his Ph.D. from the University of Birmingham, UK. Until now, he has created a lot of works such as 103 journal articles, 5 books, and 39 chapters in books. Besides that, he has achieved a lot of achievements or awards such as Dato' Sultan Shafaruddin Idris Shah (D.S.I.S) in Selangor (2010), The Den Rank in Cambodia (2012), Excellent Service Award from Universiti Kebangsaan Malaysia (2004), etc.

Colleen Megowan-Romanowicz, Ph.D. is a senior fellow at American Modeling Teachers Association (AMTA). In 2007 she completed her Ph.D. in Physics Education Research from Arizona State University. She was an assistant professor of science education at Mary Lou Fulton College of Education, Arizona State University until 2011 when she transitioned to a half-time research scientist position to become AMTA's first Executive Officer. In 2014 she retired from ASU to devote her full attention to AMTA. In 2017 she "retired" from the XO position and became AMTA's first Senior Fellow. Colleen continues to write grants, conduct research, teach occasional courses in modeling and cognition, train workshop leaders, and publish on Modeling Instruction. Her current research interests are computational modeling, teacher leadership, out-of-field science teaching, and cognition in Modeling Instruction.

RUNDOWN
INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION 2020

Saturday, 21st November 2020

No	Time (UTC+07.00)	Program
1.	07.00-07.30	Preparation
2.	07.30-08.00	Screening of Campus Introduction Videos Indonesia University of Education
3.	08.00-08.10	Opening Ceremony
	08.10-08.20	Recitation of The Holy Al-Qur'an
4.	08.20-08.25	Playing Indonesian Anthem "Indonesia Raya"
5.	08.25-08.30	Welcoming Remarks of by Head of Organizing Committee **Asep Saefudin, S.Pd.**
6.	08.30-08.35	Opening Speech from Head of Elementary Education Study Program **Dr. Paed. Wahyu Sopandi, M.A.**
7.	08.35-08.40	Opening Speech from Head of School of Postgraduate Studies **Prof. Dr. Syihabuddin, M.Pd.**
8.	08.40-08.45	Opening Speech from Rector of Universitas Pendidikan Indonesia **Prof. Dr. M. Solehuddin, M.Pd., MA.**
9.	08.45-09.00	**Opening Ceremony**
10.	09.00-09.40	**Plenary Session 1** (30' for Presentation and 10' Question for Each speaker) **Keynote Speaker 1:** **Colleen Megowan-Romanowicz, Ph.D.** (Arizona State University)
11.	09.40-10.20	**Keynote Speaker 2:** **Prof. Dato'Dr. Ab. Halim bin Tamuri**

		(Kolej Universiti Islam Antarbangsa Selangor)
12.	10.20-11.00	**Keynote Speaker 3:** **Dr. Hazrul Affendi Mohmad Razali** (Kolej Islam Teknologi Antarbangsa (KITAB) Pulang Pinang Malaysia
13.	11.00-11.40	**Keynote Speaker 4:** **Prof. Bayram COŞTU** **(**Yildiz Technical University, Turkey)
14.	11.40-11.50	Closing Ceremony - Praying
15.	11.50-13.00	**Break Session**
17.	13.00-13.25	**Semi Parallel Session** (4 Rooms According to The Choice) **Room 1:** **Prof. Udin Syaefudin Sa'ud, M. Ed. Ph. D.** Universitas Pendidikan Indonesia) **Room 2:** **Prof. Dr. Marsigit, M.A.** (Universitas Negeri Yogyakarta) **Room 3:** **Prof. Dr. Ida Zulaeha, M. Hum.** (Universitas Negeri Semarang) **Room 4:** **Arif Hidayat, Ph. D. Ed.** (Universitas Pendidikan Indonesia)
20.	13.25-13.30	**Questions and Answers Session**
21.	13.30-13.40	**Break Session**
22.	13.40-14.40	**Parallel Session** (8 According to be Determined by the Committees)
23.	14.40-14.50	**Conclusion and Closing by the Moderator in Rooms**

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1.	Aan Yuliyanto	1
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3.	Sanusi	
4.	Neneng Fatimah	
5.	Ari Fujiarti	
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7.	Andriyono	
8.	Putri Hafilah	
9.	Eli Hermawati	
10.	Hayatun Nufus	
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12.	Hendrik Widya Yusuf	
13.	Yuyun Yuniar	
14.	Hinda Faridah	
15.	Diah Nurkholisoh	
16.	Agus Haryono	
17.	Cucun Sutinah	
18.	Putri Jayanti Nasution	
19.	Ni Putu Dwi Sucita Dartini	
20.	Pratiwi Nur Aisyiah	
21.	Yoga Rizqi Rahmani	
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23.	Rijal Fatahidin	
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25.	Asep Saefudin	
26.	Zulqi Khosyatullah	
27.	Andri Ecu Septriana	
28.	Pragita Dyah Ambarwati	
29.	Mila Amalia	
30.	Srie Mulyani	
31.	Anisa Mutiara Adha	
32.	Abdul Azis	
33.	Aris Jaya	
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35.	Yani Fitriyani	
36.	Nita Dwinta	
37.	Rahmania Savitri Ahwi	
38.	Indriyanti	
39.	Fitriah Ahmadiyah Habibah	
40.	Mia Nur Adlina	
41.	Shintiya Erni Karyana	
42.	Fitriana Bunga Fauziah	
43.	Fifit Fitriani	
44.	Maya Damai Yanti	
45.	Febrika Lestari	

46.	Bagja Dani Magribi,	5
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49.	Yoesrina Novia Vini Syafitri	
50.	Nurhasanah	
51.	Yury Ulandary	
52.	Taqiyya Maizura	
53.	Nurasiah	
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