



Global
Citizenship Education
Cooperation Centre



PROCEEDINGS

The 2nd GCC International Conference on Global Citizenship Education 2024

Building Inclusive Communities
Through Global Citizenship Education

6 - 8 August 2024

Universiti Sains Malaysia

funded by



unesco

Centre
Under the auspices
of UNESCO



Asia-Pacific Centre of
Education for
International Understanding



PROCEEDINGS

Building Inclusive Communities Through Global Citizenship Education

The 2nd GCC International Conference on Global Citizenship Education (GCCIC 2024)

6 – 8 August 2024
Universiti Sains Malaysia
Penang, Malaysia

Editors:
Ahmad Zamri Khairani
Amirah Athirah Amir Yazid
Anis Shaari
Norlida Ahmad

EDITORIAL BOARD

Editors:

Assoc. Prof. Dr. Ahmad Zamri Khairani
Miss Amirah Athirah Amir Yazid
Dr. Anis Shaari
Mdm Norlida Ahmad

Editorial Assistant

Mdm Noorhayati Mamur

Publisher:

School of Educational Studies,
Universiti Sains Malaysia,
11800 USM, Pulau Pinang,
Email: gccusmses@gmail.com

**The 2nd GCC International Conference on Global Citizenship Education (GCCIC 2024)
Extended Abstracts Proceedings**

e ISBN 978-967-399-306-2

e ISBN 978-967-399-306-2



NOVEMBER 2024

LIST OF CONTENTS

Title	Page
<i>Abdul Syahid</i> Global Citizenship Education: A Comparative All-Time Bibliometric Review of Asia and the Rest of the World in Scopus	1
<i>Ace Suryadi, Dasim Budimansyah, Danny Meirawan, Ridwan Purnama, Ari Arifin Danuwijaya & Restu Adi Nugraha</i> Cultivating a Global Mindset: Enhancing Global Citizenship Education Among Indonesian School Students	3
<i>Adita Taufik Widiyanto, Andri Estining Sejati & Mahfud</i> Understanding the Value of Volunteerism on Global Citizenship Education Practiced in Banyuwangi Regency from a Phenomenological Perspective	5
<i>Ahmad Afandi Yusri & Muhammad Zuhair Zainal</i> Global Citizenship Education in Malaysia: A Systematic Literature Review of Implementation, Challenges, and Opportunities	7
<i>Ahmad Zamri Khairani & Mohd Zahuri Khairani</i> Sustainability Awareness Mediates the Relationship between Social Justice and Global Citizenship	9
<i>Alia Amira Abd Rahman & NurAfifah Afrina Mohd Syaifudin</i> Development of an Augmented Reality (AR) Storybook Application for Preschoolers: "Lulu Garden Rescue"	11
<i>Amirah Athirah Amir Yazid, Anis Shahira Bazlan, Puteri Rohani Megat Abdul Rahim, Nurshahirah Azman & Mirrah Diyana Maznun.</i> Students' Awareness and Attitude Towards Malaysia's Cultural Diversity through Writing Assessment in Universiti Teknologi MARA Perak	13
<i>Anis Shaari & Berlian Nur Morat</i> Beyond Language Proficiency: Integrating Global Citizenship Education into ESL Lessons in a Higher Learning Milieu	15
<i>Anis Shaari, Aqeela Azhar, Amirah Athirah Amir Yazid, Norlida Ahmad & Rohizani Yaakub</i> A Study on Malaysian In-service Teachers' Preparedness in Implementing Global Citizenship Education	16
<i>Anis Shahira Bazlan, Amirah Athirah Amir Yazid, Nurshahirah Azman, Nur Hazirah Mohd Fuat & Mirrah Diyana Maznun</i> Integrating Global Citizenship Elements while Using YouTube to Enhance Malaysian University Students' Listening Skill	18
<i>Asnida Ismail, Nor Asniza Ishak & Mohd Yahya Fadzli Jusoh</i> Hydrating Minds, Cultivating Stewards: Nurturing Global Citizenship through Water Conservation Education in Youth	20

<i>Aurelio Vilbar, Faith Monique Abaigar & Francis Ann Baucan</i> Development of GCED-Based E-Learning Materials for English Language Teaching	
<i>Aziah Ismail, Ainisaadah Mohd Saod, Nor Shafrin Ahmad & Ummu Sakinah Mohd Subri</i> Pembangunan Kepimpinan Asas dalam Kalangan Murid Perempuan Orang Asli: Satu Intervensi GCED	24
<i>Aziah Ismail & Norhayati Mat Ghani</i> An investigation of Integrating Global Citizenship Education (GCED) Elements into Geography Pedagogy	27
<i>Carl O. Dellomos & Rowena R. Hibanada</i> Mapping Global Citizenship Education (GCED) Research Landscape: A Scoping Review of Philippine Normal University Publications	30
<i>Daisuke Kimura</i> Challenges to Mainstreaming Transformative Education: An Examination of Curriculum Integration in Japan	31
<i>Dede Trie Kurniawan, Nor Asniza Ishak, Fully Rakhmayanti & Rendi Restiana Sukardi</i> Empowering Global Citizenship through STEM Project Activities: Addressing Environmental Challenges	34
<i>Dinie Anggraeni Dewi, Muhammad Irfan Adriansyah, Asep Anggi Buldani & Yayuk Hidayah</i> Global Citizenship Skills and Civic Literacy Among Students in Indonesia	36
<i>Erlын Ivy O. Rago, Alein B. Navares, Lynch Ricci E. Borres & Lovelle Colina</i> Association of SDG Awareness to Key Competencies in Sustainability Among Students Taking Global Citizenship Course	38
<i>Faiqah Mohammad Fauzi, Low Hui Min & Phoon Hoi San</i> Daripada Teori kepada Amalan: Melaksanakan Kaedah Penilaian Berkesan dalam Pendidikan Warga Global	40
<i>Francis Hikaru Oba</i> The Role of Informal Learning in Daily Life in Indonesia's Urban Cities on the Formation of Global Citizenship: A Focus on Casual Conversations	42
<i>Guo Qilin & Teh Sin Yin</i> Systematic Literature Review and Bibliometric Analysis on Global Citizenship Education and Digital Learning	44
<i>Hasni Shamsuddin & Ahmad Zamri Khairani</i> Hierarchical Understanding of the Global Citizenship Education among Malaysian High School Students: A Rasch Model Analysis	46
<i>Janet A. Mananay</i> Towards Cultivating Global Citizens: Insights of Pre-Service Teachers on Global Citizenship Education	48

<i>Laesti Nurishlah, Hasanudin, Yus Hermansyah, Dudi Badruzzaman, Mohamad Yudiyanto, Mochammad Ramdan Samadi & Jeane Siti Dwijantie</i> Implication of Digital Technology in Advocacy and Education Practice to Realize Social Justice in the Digital Era	51
<i>Li Jinh & Salmiza Saleh</i> Integrating Global Citizenship Education (GCED) in Biology Classroom Using Socio-scientific Issues	53
<i>Lijun Li, Teh Sin Yi & Marini Nurbanum Mohamad</i> The Influence of Global Citizenship Education on Higher Education: A Bibliometric Analysis and Future Directions	55
<i>Lyu Xiaohui & Hazri Jamil</i> Shaping Perspectives on Social Justice and Responsibility for Global Citizenship: Integrating Studio Pedagogy in Sustainable Design Education	56
<i>Ma. Lorella C. Arabit-Zapatos</i> Intercultural Competencies for Filipino Indigenous Teachers	58
<i>Marini Kasim, Farah Mohamad Zain & Faizahani Ab Rahman</i> Empowering Special Needs Teachers: Strategies for Building Resilience and Fostering Global Citizenship in Inclusive Education	60
<i>Mirrah Diyana Maznun, Nur Hazirah Mohd Fuat, Amirah Athirah Amir Yazid, Nurshahirah Azman, Anis Shahira Bazlan & Norhafizan Awang</i> Utilisation of Short Stories in Fostering Socio-Emotional Skills among Undergraduate ESL Learners	62
<i>Mohd Azlan Mohamad Noor</i> Skuad Gced – Meminimum Pembaziran, Menyantuni Kekurangan	64
<i>Mohd Khirulnizam Musa & Azwin Arif Abdul Rahim</i> Leveraging Technology to Enhance Global Citizenship Education: An Online Task-Based Speaking Skills Module for Technical and Vocational Education and Training (TVET) Learners	66
<i>Mohd Yahya Fadzli Jusoh & Nor Asniza Ishak</i> Designing Futures: Cultivating Global Citizens through Digital Literacies and Design Thinking in K-12 Education	67
<i>Muaz Mohd Zaini Makhtar, Muhammad Najib Ikmal Mohd Sabri, Kavita Pushphanathan, Muhammad Lutfan Aiman Zamri & Nor Asniza Ishak</i> Promoting Sustainable Energy Solutions and Environmental Stewardship: A Global Citizenship Education Perspective on Microbial Fuel Cells Utilizing Food Waste	69
<i>Muhammad Akmal Ngadiman & Aziah Ismail</i> Kepimpinan Teknologi Digital Pemimpin Sekolah dalam Membina Kesaksamaan Kemahiran Digital Guru dan Murid Di Sekolah – Satu Elemen GCED	70

<i>Ninik Setiyowati & Qonnitah Ardine Khoirunnisa</i> Javanese Moral Values: Think and Act Globally and Locally Simultaneously in Indonesian Society	72
<i>Nissa Aulia Belistiana Utami & Syed Mohamad Syed Abdullah</i> Promoting Global Citizenship Education through the <i>Kurikulum Merdeka</i> : Perspective from Indonesian Teachers	74
<i>Noor Ashikin Abdul Nasir & Muhammad Kamarul Kabilan Abdullah</i> Exploring Feedback Literacy Frameworks and Global Citizenship Education: A Scoping Review on Cultural Competence and Sensitivity in Higher Education	76
<i>Noor Miza Abdul Rahman, Ku Norashikin Halim & Chew Ping Ping</i> Global Citizenship Awareness Among Preschoolers Through a Global Multidimensional Survey	78
<i>Noorartika Roslan Whims, Syamsul Abdul Hamid, Mohamad Munir Ismail, Kaushalya Palanisamy & Saliza Kamal</i> Development of the PK Global Eduquiz Application in Global Citizenship Education	80
<i>Nor Asniza Ishak, Nurul Fazzuan Khalid, Asakura Takamichi, Kusakabe Tatsuya, Rafiza Rosli & Punnithann Subramaniam</i> Fostering Global Citizenship: Insights from an International Student Colloquium on Sustainable Futures	82
<i>Norhaslinda Hassan, Norhafizah Abdul Halil, Maizatul Akmal Mohd Mohzan & Hanani Ahmad Zubir</i> Leveraging AI and Formative Assessment for Global Citizenship Education: A Malaysian ESL Case Study	84
<i>Norhayati Mat Ghani, Ummu Sakinah Subri & Aziah Ismail, Aini Saadah Mohd Saod</i> Digital Equality and Global Citizenship: A Case Study of the Orang Asli in Tapah, Perak	85
<i>Nur Sophia Rusli & Ahmad Zamri Khairani</i> Investigating Attitude, Perceptions, Expectations, and Intentions Towards Social Justice among Malaysian High School Students	87
<i>Nurshahirah Azman, Amirah Athirah Amir Yazid, Noor Fazzriene JZ Nun Ramlan, Nur Hazirah Mohd Fuat, Mirrah Diyana Maznun & Anis Shahira Bazlan</i> Integrating Global Citizenship Education through Cooperative Learning Techniques in ESL Classroom	89
<i>Rafiza Rosli & Nor Asniza Ishak</i> Digital Global Citizenship: Exploring Students' and Teachers' Perspective on Virtual Labs Versus Traditional Labs in Post COVID-19	91
<i>Rahimi Che Aman & Nor Shafrin Ahmad</i> Enhancing Trainee Counsellors' Competence Through Integrating Global Citizenship Education (GCED) in Grief Psychology Course	93

<i>Razanawati Nordin, Rofiza Aboo Bakar, Aini Akmar Mohd Kasim & Husna Serip Mohamad</i> Exploring Creative Practices in Teaching Verbal Communication to Special Needs Children: Overcoming Stigma and Embracing Mothers' Perspectives in Global Citizenship Education	95
<i>Rendi Restiana Sukardi, Nor Asniza Ishak, Ari Syahidul Shidiq, Susbiyanto Susbiyanto, Dede Trie Kurniawan & Yeni Yuniarti</i> Educating on Plastic Waste Management through a Global Citizenship Lens: Insight from Prospective Teachers	97
<i>Rowena R. Hibanada & Carl O. Dellomos</i> The Impact of Online Training Course in GCED Among Teachers and School Heads	99
<i>Rozaimi Jaafar, Widad Ma & Mohamad Karimi Ma</i> The Impact of School Leaders' Communication Competence and Cultural Sensitivity on Teacher Achievement: A Systematic Literature Review	101
<i>Shu Bee Soon, Sin Yin The & Keng Lin Soh</i> Global Citizenship Education and Sustainable Development Goals: A Bibliometric Analysis and Future Directions	104
<i>Siti Seri Kartini Mohd Yatim & Norhafizah Miswan</i> Sikap Pelajar Matematik di Institut Pendidikan Guru Malaysia (IPGM) Terhadap Integrasi Nilai-Nilai Kewarganegaraan Global dalam Kurikulum Matematik.	106
<i>Suzila Mohd Shukor, Agnes Shanti Joseph & Ummi Habibah Mohd Shakil</i> Assessing the Efficacy of National Geographic Learning's All-in-One Spark Platform for Promoting Global Citizenship Education: A Quantitative Study Among Engineering Undergraduates in USM.	108
<i>Takamichi Asakura, Tatsuya Kusakabe & Francis Hikaru Oba</i> Exploring Diverse Forms of Global Citizenship Education: New Perspectives from Students in an Intercultural Program in a Japanese Higher Education Institution	110
<i>Tenalagi A/P M.Mahandran & Davendran A/L Kaliappan</i> Enhancing Inclusive Education through the Flipped Classroom in GCED Curriculum: An Action Research	112
<i>Thangeswary a/p Annamallai, Malar Muthiah, Arhiletchery a/p Suberamaniam & Gopinath a/l Sandra</i> Hubungan Pendidikan Kewarganegaraan Global dengan Pemikiran Kebudayaan dalam kalangan pelajar IPGKSAH	114
<i>Titiyaka Jajuri, Nor Asniza Ishak, Shahabuddin Hashim & Sukor Beram</i> Bridging the Gap: Towards Inclusive STREAM Assessment for Cultivating Global Citizenship with Academic Resilience.	116
<i>Toh Lai Chee, Ooi Win Wen & Chen Yoke Pin</i> Developing a GCED Guidebook for Malaysian Teachers: Insights from Ongoing Collaborative Efforts	118

<i>Ummu Sakinah Mohamad Subri, Norhayati Mat Ghani & Aziah Ismail</i> Global Citizenship Education: Navigating Socioeconomic Disparities and Cultural Sensitivity	112
<i>Wang Yajing & Hazri Jamil</i> The Impact of Parental Education Levels on Intercultural Sensitivity in Global Citizenship Education for Junior High School Students	123
<i>Widad Ma, Rozaimi Jaafar & Karimi Mohammad</i> The Role of Educational Technology in Fostering Global Citizenship Education: A Systematic Review of Strategies, Challenges, and Future Directions	125
<i>Wilma C. Manio</i> Unlocking the Power of Indefatigable Commitment in Optimizing a Nurturing Institution Centered on Excellence in School (Iconices) Towards Better Inclusivity and Performance	127
<i>Yaro Umar & Lim Hooi Lian</i> Evaluating Global Citizenship Education: A Paradigm Shift Towards Performance Assessment	130
<i>Yayuk Hidayah, Dinie Anggraeni Dewi & Asep Anggi Buldani</i> Transforming Civic Education in Indonesia: A Quantitative Exploration of Technology, Global Learning, and Constitutional Literacy	131
<i>Yu Qing Soong, Wei Chien Ng & Sin Yin Teh</i> Trend of the Technology in Global Citizenship Education Using Bibliometric and Visualization Analysis	133
<i>Zainun Mustafa, Nur Farhanis Hasan, Lilia Ellany Mohtar, Nur Izwani Mohd Shapri & Muhd Ibrahim Muhamad Damanhuri</i> Exploring Science Pre-Service Teachers' Pro-Environmental Attitudes and Behavior: Perspectives on the Environment and its Relation to Teaching	134
<i>Zhuofan Chen & Theam Foo Ng</i> Exploring the Influence of Technology on Global Citizenship Education in China: A Comprehensive Study	135

PREFACE

In 2015, the United Nations Sustainable Development Goals (SDGs) highlighted the importance of GCED through SDG 4.7. This goal underscores the necessity of education for sustainable development and global citizenship, aiming to ensure that learners acquire the knowledge and skills needed to promote sustainable development. The new UNESCO Recommendation in 2023 further reflects this inclusive concept, recognising Global Citizenship Education as one of the most essential education initiatives of our contemporary era.

These proceedings encapsulate the spirit of intellectual inquiry, the pursuit of knowledge, and the ceaseless quest that cover a wide range of topics, including curriculum development, pedagogical strategies, policy frameworks, and community engagement in GCED. Each contribution offers a unique lens through which we can deepen our understanding and promote understanding of diverse cultures, encourages critical thinking, and fosters the development of compassionate and active global citizens through education.

Moreover, the diverse range of methodologies, theories, and interdisciplinary perspectives showcased here highlights the dynamism and adaptability required to navigate the complexities of our globalized world and how new practices allow us to explore endless possibilities to overcome on-going challenges. It is a reminder that education plays a critical role in fostering a sense of shared humanity, mutual respect, and collective responsibility for our planet and its inhabitants.

Hence, Global Citizenship Education (GCED) aims to equip learners of all ages with the values, knowledge, and skills necessary to engage effectively and responsibly with the challenges and opportunities of our world. It is our goal to inspire and empower each person to take meaningful action in their own contexts, contributing to a more just, peaceful, and sustainable world.

On behalf of the GCCIC 2024 proceeding committee, we extend our deepest gratitude to all the contributors and reviewers whose dedication and passion have brought this compilation to fruition. We would also like to thank the Asia-Pacific Center of Education for International Understanding (APCEIU) under the auspices of UNESCO for fully funding this conference. Together, let us strive to build bridges across cultures and nations, to nurture empathy and understanding, and to empower the next generation of global citizens.

Assoc. Prof. Dr. Ahmad Zamri bin Khairani

Miss Amirah Athirah Amir Yazid

Dr. Anis binti Shaari

Mdm Norlida binti Ahmad

Editors

GCCIC 2024 Proceeding