



Editorial

# Selected Papers from the Eurasian Conference on Educational Innovation 2020

Teen-Hang Meen <sup>1,\*</sup> , Charles Tijus <sup>2</sup> and Jui-Che Tu <sup>3,\*</sup>

- Department of Electronic Engineering, National Formosa University, Yunlin 632, Taiwan
- Director of the Cognitions Humaine et Artificielle Laboratory, University Paris 8, 93526 Saint-Denis, France; charles.tijus@gmail.com
- <sup>3</sup> Graduate School of Design, National Yunlin University of Science and Technology, Yunlin 640, Taiwan
- \* Correspondence: thmeen@nfu.edu.tw (T.-H.M.); tujc@yuntech.edu.tw (J.-C.T.)

Received: 24 July 2020; Accepted: 25 July 2020; Published: 28 July 2020



**Abstract:** The 3rd Eurasian Conference on Educational Innovation 2020 (ECEI 2020) was held in Hanoi, Vietnam from 5–7 February 2020. The Special Issue "Selected Papers from the Eurasian Conference on Educational Innovation 2020" selected excellent papers from ECEI 2020 about the topics of education and awareness of sustainability. There were 36 papers published in this Special Issue from 366 papers presented at ECEI 2020. The topics of published papers are relative to educational innovation, socioeconomic, scientific, cultural, and social sustainability, and integrated approaches to sustainable development. The aim is to encourage the attendees of ECEI 2020 to publish their novel experimental and theoretical research relating to educational innovation and awareness of sustainability in this Special Issue.

Keywords: educational innovation; cultural sustainability; social sustainability

#### 1. Introduction

Entering the era of the knowledge economy in the 21st century, education innovation has become the key to international competitiveness and the driving force for industrial development! Educational innovation refers to the process of introducing a new concept, system or method in education for the first time to promote progressive results in education. It means the implementation of new systems, or new educational models, and the adoption of new ideas or new theories. Educational innovation is the dynamic attribute and creative function of education. It is a reform and optimization that breaks through the conventional traditions. It is an original effect that makes a new and innovative approach. It must be noted that creative education and innovation have become an inevitable requirement for the deep development of quality education, marking a new development and new stage of education reform; education innovation has become a common trend in current international education reforms and constitutes an important part of the national innovation system. It will certainly promote the educational undertaking to historical glory, and finally realize the great goal of constructing innovative education. It can be seen that the construction of innovative education is the fundamental and strategic goal; the implementation of educational innovation is a realistic path and strategic measure. Only by implementing educational innovation can we gradually construct innovative education; only by constructing innovative education can we truly realize the advantages of educational innovation. Between the two, they are interdependent, permeable, complementary, and mutually causal. It must be noted that the establishment of innovative education is a long and difficult historical process. To achieve this great goal, we must unremittingly implement educational innovation, and take educational development as the top priority. Then, mobilize the creative enthusiasm and positive factors of educators most extensively and fully. Lastly, take reform as the driving force: continuously

Sustainability **2020**, 12, 6069 2 of 5

inject new vitality into the educational body, form a new educational system, new mechanism, new realm, new situation. In this way, we will gradually build and improve the educational system.

The 3rd Eurasian Conference on Educational Innovation 2020 (ECEI 2020) was held in Hanoi, Vietnam from 5–7 February 2020, and provided a communication platform for researchers on the topic of educational innovations. The purpose of this conference is to enable interdisciplinary cooperation between educators and experts from other fields in the academic and industrial fields, as well as international networks. *Sustainability* is an international and interdisciplinary academic, open access journal about the sustainability of the human environment, culture, economy, and society. It provides a high-level forum for research on sustainability and sustainable development. It encourages researchers to publish experimental and theoretical studies on natural sciences, social sciences, and humanities in as much detail as possible to promote scientific predictions and impact assessments of global changes and development. This Special Issue, "Selected Papers from the Eurasian Conference on Educational Innovation 2020", aims to invite publication of outstanding papers from ECEI 2020 on the topics of educational innovation and sustainability awareness. The purpose is to encourage ECEI 2020 participants to publish novel experimental papers and theoretical research related to educational innovation.

### 2. The Topics of Educational Innovation and Sustainability

Sustainable education is the training of students, schools, and communities to have the knowledge, skills, attitudes, and values for the sustainable development of the human living environment. It is a bid to take appropriate actions to maintain and protect the ecology, build an inclusive and equal society, and promote harmonious coexistence and development of human beings to achieve a sustainable future. Sustainability has the meaning of maintenance and sustainable development. Sustainable education not only refers to the sustainable development of education, but also involves the sustainable development of society, the economy, and the environment to build a sustainable future for mankind.

The Special Issue "Selected Papers from the Eurasian Conference on Educational Innovation 2020" selected 36 excellent papers from 366 papers presented at ECEI 2020. The topics of published papers are relative to educational innovation, socioeconomic, scientific, cultural, and social sustainability, and integrated approaches to sustainable development. The topics and list of papers for the Special Issue are listed in Table 1.

**Table 1.** The topics and list of papers for the Special Issue on "Selected Papers from the Eurasian Conference on Educational Innovation 2020".

Topics	Papers of Special Issue
Socio-economic, scientific and integrated approaches	Tsai et al. [1]; Yoon et al. [2]; Lu et al. [3]; Xu et al. [4]; Pang et al. [5]; Cheng et al. [6]; Caous et al. [7]; Yoon et al. [8]; Wang et al. [9].
Changing consumption and production patterns	Yan et al. [10]; Tu et al. [11].
Developments in cultural diversity, tradition, social systems, and their impact on cultural or social sustainability	Ho et al. [12]; Chen et al. [13]; Fan et al. [14]; Fan et al. [15]; No et al. [16]; Tu et al. [17]; Chang et al. [18]; Wu et al. [19].
Educational Innovation and awareness of sustainability	Chen et al. [20]; Tu et al. [21]; Liu et al. [22]; An et al. [23]; Liu et al. [24]; Chang et al. [25]; Kim et al. [26]; Huang et al. [27]; Lee et al. [28]; Liu et al. [29]; Wang et al. [30]; Tang et al. [31]; Chen et al. [32].
Health-related aspects of sustainability Sustainable utilization of resources	Cheon et al. [33]; Meng et al. [34]; Meng et al. [35]. Chen et al. [36].

## 3. Conclusions

The world is facing a complex and entangled development problem and lifestyle challenge. Although human beings today have the knowledge, technologies, and skills to turn this situation

Sustainability **2020**, 12, 6069 3 of 5

around, it is absolutely necessary for us to mobilize global potential and make good use of all opportunities to improve and change. The impact, priority issues, responsibilities, and potential of unsustainable development are distinct in different regions and different development levels. All countries around the world need to work together to ensure sustainable development now and in the future. The declaration emphasizes that investing in "education for sustainable development" is an investment in the future. It is a life-saving strategy, especially in countries that had very low development. Through education and lifelong learning, we can achieve a lifestyle based on economic and social justice, food safety, ecological integrity, sustainable life, respect for all life forms, promotion of social cohesion, democracy and the value of collective action. Gender equality, especially women's participation and girls' right to education, is also urgently needed to encourage development and sustainability. In order to obtain sustainable life opportunities, enthusiasm and the future of young people, sustainable development education needs to be promoted immediately. Hopefully, this Special Issue, "Selected Papers from the Eurasian Conference on Educational Innovation 2020", can provide some valuable information for researchers to help the development of educational innovation and sustainable education in the future.

**Author Contributions:** Writing and reviewing all papers, T.-H.M.; English editing, C.T.; checking and correcting manuscript, J.-C.T. All authors have read and agreed to the published version of the manuscript.

Funding: This research received no external funding.

**Acknowledgments:** The guest editors would like to thank the authors for their contributions to this Special Issue and all the reviewers for their constructive reviews. We are also grateful to Leanne Fan, the Managing Editor of *Sustainability*, for her time and efforts on the publication of this Special Issue for *Sustainability*.

Conflicts of Interest: The authors declare no conflict of interest.

#### References

- Tsai, H.C.; Lee, A.S.; Lee, H.N.; Chen, C.N.; Liu, Y.C. An Application of the Fuzzy Delphi Method and Fuzzy AHP on the Discussion of Training Indicators for the Regional Competition, Taiwan National Skills Competition, in the Trade of Joinery. Sustainability 2020, 12, 4290. [CrossRef]
- 2. Yoon, J.; Park, S.; Kim, D.J. Assessing the Effects of Higher-Education Factors on the Job Satisfaction of Engineering Graduates in Korea. *Sustainability* **2020**, *12*, 3342. [CrossRef]
- 3. Lu, H.P.; Lin, H.H. Article Exploring the Impact of Intuitive Thinking on Creativity with Gray Relational Analysis. *Sustainability* **2020**, *12*, 2989. [CrossRef]
- 4. Xu, H.; Hsu, W.L.; Meen, T.H.; Zhu, J.H. Can Higher Education, Economic Growth and Innovation Ability Improve Each Other? *Sustainability* **2020**, *12*, 2515. [CrossRef]
- 5. Pang, S.; Bao, P.; Hao, W.; Kim, J.; Gu, W. Knowledge Sharing Platforms: An Empirical Study of the Factors Affecting Continued Use Intention. *Sustainability* **2020**, *12*, 2341. [CrossRef]
- 6. Cheng, P.H.; Yeh, T.K.; Chao, Y.K.; Lin, J.; Chang, C.Y. Article Design Ideas for an Issue-Situation-Based Board Game Involving Multirole Scenarios. *Sustainability* **2020**, *12*, 2139. [CrossRef]
- 7. Caous, E.L.; Huarng, F. Economic Complexity and the Mediating Effects of Income Inequality: Reaching Sustainable Development in Developing Countries. *Sustainability* **2020**, *12*, 2089. [CrossRef]
- 8. Yoon, J.; Hur, E.J.; Kim, M. An Analysis of the Factors on the Problem-Solving Competencies of Engineering Employees in Korea. *Sustainability* **2020**, *12*, 1677. [CrossRef]
- 9. Wang, H.; Wang, S.; Yang, C.F.; Jiang, S.N.; Li, Y.J. Resource Price Fluctuations, Resource Dependence and Sustainable Growth. *Sustainability* **2019**, *11*, 6371. [CrossRef]
- 10. Yan, W.J.; Chiou, S.C. 1Dimensions of Customer Value for the Development of Digital Customization in the Clothing Industry. *Sustainability* **2020**, *12*, 4639. [CrossRef]
- 11. Tu, J.C.; Chan, H.C.; Chen, C.H. Establishing Circular Model and Management Benefits of Enterprise from the Circular Economy Standpoint: A Case Study of Chyhjiun Jewelry in Taiwan. *Sustainability* **2020**, *12*, 4146. [CrossRef]

Sustainability **2020**, 12, 6069 4 of 5

12. Ho, M.C.; Chen, Y.H. Designing Assistive Devices for Sacred Palanquin Carriers: A Glocalization Community Design. *Sustainability* **2020**, *12*, 3253. [CrossRef]

- 13. Chen, W.H.; Ho, T.H. The Application of Yantian Cultural Resources in Design Education–Taking the Yantian Community in Tainan as an Example. *Sustainability* **2020**, *12*, 2660. [CrossRef]
- 14. Fan, K.K.; Zhou, Y. The Influence of Traditional Cultural Resources (TCRs) on the Communication of Clothing Brands. *Sustainability* **2020**, *12*, 2379. [CrossRef]
- 15. Fan, K.K.; Li, X.H.; Lu, M.J. Sustainability Research on Promoting the Inheritance of Lacquer Art Based on the E-learning Mode—Case Study of the Popularization of Lacquer Art Education in Primary Schools in Guangzhou Area. *Sustainability* **2020**, *12*, 2195. [CrossRef]
- No, B.; Kang, S.; Lee, N.K.; Choi, N. The Structural Relationship among Trajectories of Ego-resilience, Neglectful Parenting, Bilingual Competency, and Acculturative Stress of Multicultural Adolescents in South Korea. Sustainability 2020, 12, 2108. [CrossRef]
- 17. Tu, J.C.; Zhang, X.Y.; Chiu, S.P. Assessing the Impact of Cultural Intelligence on Sustainable Career Competitive Advantage for Students in College of Design. *Sustainability* **2020**, *12*, 10. [CrossRef]
- 18. Chang, Y.S.; Hu, Y.J.R.; Chen, H.W. Learning Performance Assessment for Culture Environment Learning and Custom Experience with an AR Navigation System. *Sustainability* **2019**, *11*, 4759. [CrossRef]
- 19. Wu, X.; Zhang, L.; Yang, H.C. Integration of Eco-centric Views of Sustainability in Port Planning. *Sustainability* **2020**, *12*, 2971. [CrossRef]
- Chen, T.L.; Hsiao, T.C.; Kang, T.C.; Wu, T.Y.; Chen, C.C. Learning Programming Language in Higher Education for Sustainable Development: Point-Earning Bidding Method. Sustainability 2020, 12, 4489. [CrossRef]
- 21. Tu, J.C.; Chu, K.H. Analyzing the Relevance of Peer Relationship, Learning Motivation, and Learning Effectiveness—Design Students as an Example. *Sustainability* **2020**, *12*, 4061. [CrossRef]
- 22. Liu, Z.; Yang, H.C.; Shiau, Y.C. Investigation on Evaluation Framework of Elementary School Teaching Materials for Sustainable Development. *Sustainability* **2020**, *12*, 3736. [CrossRef]
- 23. An, M.Y.; Yoon, S.; Han, S.H. The Effects of a Professor's Professionalism and Diversity on the Perception and Satisfaction of Education in the Liberal Arts Curriculum. *Sustainability* **2020**, *12*, 3689. [CrossRef]
- 24. Liu, X.; Zhang, X.; Chen, W.W.; Yuan, S.M. Eye Movement Analysis of Digital Learning Content for Educational Innovation. *Sustainability* **2020**, *12*, 2518. [CrossRef]
- 25. Chang, Y.H.; Lin, P.R.; Lu, Y.T. Development of a Kinect-Based English Learning System Based on Integrating the ARCS Model with Situated Learning. *Sustainability* **2020**, *12*, 2037. [CrossRef]
- 26. Kim, S.; Choi, N. The Relationships between Children's Ego Function and Fear of Negative Evaluation Affecting Academic Failure Tolerance in Early School Age: Analysis by Grade Level Considering Sustainability of Academic Motivation. *Sustainability* **2020**, *12*, 1888. [CrossRef]
- 27. Huang, Y.M.; Hsieh, M.Y. An Interdisciplinary Research on Students' Employability in Technology Education to Advance Higher Education Enrollment Sustainability. *Sustainability* **2020**, *12*, 1806. [CrossRef]
- 28. Lee, Z.J.; Huang, H.; Lee, C.Y.; Jiang, Y.H.; Chang, C.Y. A Study on the Sustainable Development for Senior Learners. *Sustainability* **2019**, *11*, 6338. [CrossRef]
- 29. Liu, H.H.; Wang, Q.; Su, Y.S.; Zhou, L. Effects of Project-Based Learning on Teachers' Information Teaching Sustainability and Ability. *Sustainability* **2019**, *11*, 5795. [CrossRef]
- 30. Wang, S.L.; Chen, H.P.; Hu, S.L.; Lee, C.D. Analyzing Student Satisfaction in the Technical and Vocational Education System through Collaborative Teaching. *Sustainability* **2019**, *11*, 4856. [CrossRef]
- 31. Tang, K.Y.; Hsiao, C.H.; Su, Y.S. Networking for Educational Innovations: A Bibliometric Survey of International Publication Patterns. *Sustainability* **2019**, *11*, 4608. [CrossRef]
- 32. Chen, S.Y.; Liu, S.Y. Developing Students' Action Competence for a Sustainable Future: A Review of Educational Research. *Sustainability* **2020**, *12*, 1374. [CrossRef]
- 33. Cheon, H.; Lim, S. Pursuing Sustainable Happiness through Participation in Exercise for South Korean Students: Structural Relationships among Exercise, Mental Health Factors, School Satisfaction, and Happiness. *Sustainability* **2020**, *12*, 3797. [CrossRef]
- 34. Meng, L.; Wen, K.H.; Brewin, R.; Wu, Q. Knowledge Atlas on the Relationship between Urban Street Space and Residents' Health—A Bibliometric Analysis Based on VOSviewer and CiteSpace. *Sustainability* **2020**, 12, 2384. [CrossRef]

Sustainability **2020**, 12, 6069 5 of 5

35. Meng, L.; Wen, K.H.; Zeng, Z.; Brewin, R.; Fan, X.; Wu, Q. The Impact of Street Space Perception Factors on Elderly Health in High-Density Cities in Macau—Analysis Based on Street View Images and Deep Learning Technology. *Sustainability* 2020, 12, 1799. [CrossRef]

36. Chen, T.T.; Hsu, W.L.; Chen, W.K. An Assessment of Water Resources in the Taiwan Strait Island Using the Water Poverty Index. *Sustainability* **2020**, *12*, 2351. [CrossRef]



© 2020 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (http://creativecommons.org/licenses/by/4.0/).