

# Taiwan Educational Review Monthly

Vol. 9 No. 12 December 1, 2020

Since November 1, 2011

---

**Publisher**

Hwang, Jenq-Jye (President, Association for Taiwan Educational Review)

**Editor-in-Chief**

Hwang, Jenq-Jye (Emeritus Professor, Providence University)

**Deputy Editor**

Yeh, Shing-Hua (Professor, University of Taipei)

**Executive Editor**

Lai, Kwang-Jen (Associate Professor, Soochow University)

---

**2020 Advisory Board**

Chang, Fen-Fen (Professor, University of Taipei)

Cheng, Ching-Ching (Associate Professor, National Chiayi University)

Cheng, Chun-Hao (Former Dean of General Affairs & Assistant Professor, Hua Fan University)

Fang, Chih-Hua (Professor, University of Taipei)

Gau, Shin-Jiann (Retired professor, National Taiwan Normal University)

Hu, Ru-Ping (Associate Professor, National Taiwan Normal University)

Huang, Hsiu-Shuang (Professor, National University of Tainan)

Hwang, Jenq-Jye (Emeritus Professor, Providence University)

Lee, Ya-Ting (Professor, National Pingtung University)

Lee, Yi-Fang (Professor & Associate Dean, National Taiwan Normal University)

Lin, Yung-Feng (Professor, National Chung Cheng University)

Pai, Yi-Fong (Professor, National Dong Hwa University)

Su, Jin-Li (Emeritus Professor, National Tsing Hua University)

Wang, Chin-Kuo (Professor, National Taichung University of Education)

Wei, Yen-Shun (Professor & Director, National Taichung University of Education)

Weng, Fwu-Yuan (Professor, National Chi Nan University)

Wu, Chun-Hsien (Professor, National Kaohsiung University of Science and Technology)

Yeh, Shing-Hua (Professor, University of Taipei)

Yiu, Tzu-Ta (Associate Professor, National Taichung University of Education)

---

**2020 Editorial Board**

Chang, Fen-Fen (Professor, University of Taipei)

Chen, Yih-Fen (Associate Professor, National Taichung University of Education)

Cheng, Chun-Hao (Former Dean of General Affairs & Assistant Professor, Hua Fan University)

Chuang, Ming-Jen (Professor & Dean, National Taichung University of Education)

Fang, Chih-Hua (Professor, University of Taipei)

Ho, Chun-Ching (Professor, National Taitung University)

Hung, Shuan-Ju (Assistant Professor, Providence University)

Hwang, Jenq-Jye (Emeritus Professor, Providence University)

Juan, Hsiao-Chi (Assistant Researcher, National Academy for Educational Research)

Lee, Yi-Fang (Professor & Associate Dean, National Taiwan Normal University)

Liang, Chung-Ming (Professor, National Taitung University)

Pan, Ying-Ju (Secretary, Central Taiwan University of Science and Technology)

Shieh, Jin-Jy (Assistant Professor, University of Macau)

Tsai, Chin-Hsiung (Researcher, National Academy for Educational Research)

Tseng, Jung-Hua (Assistant Professor, National Taichung University of Education)

Wang, Cheng-Hui (Professor, Providence University)

Wang, Chin-Kuo (Professor, National Taichung University of Education)

Wei, Yen-Shun (Professor & Director, National Taichung University of Education)

Weng, Fwu-Yuan (Professor, National Chi Nan University)

Wu, Chin-Hui (Assistant Professor, Chung Chou University of Science and Technology)

Wu, Chun-Hsien (Professor, National Kaohsiung University of Science and Technology)

Yeh, Shing-Hua (Professor, University of Taipei)

Yen, Pey-Ru (Associate Professor, National Taichung University of Education)

---

**Editors**

Review Articles Weng, Fwu-Yuan (Professor, National Chi Nan University)  
Chen, Yih-Fen (Associate Professor, National Taichung University of Education)

Essay Articles Lai, Kwang-Jen (Associate Professor, Soochow University)  
Yeh, Shing-Hua (Professor, University of Taipei)

---

**Managing Editor**

Lian, Siou-Yu (Principal, Tan-show Junior High School)

**Text Editors**

Deng, Jing-Ru; Liu, Chih-Yin; Wang, Fang-Ting; Chen, Yen-Yun (Assistants, Association for Taiwan Educational Review)

**Art Editor**

Peng, Yi-Wen (Assistant, Association for Taiwan Educational Review)

**Cover Designer**

Liu, Wan-Pin (Assistant, Center for Teaching and Learning Development, Providence University)

---

**Publishing Entity**

Association for Taiwan Educational Review (ATER)

No.1, Ai-Guo West Road, Taipei, 100234 Taiwan (Department of Learning and Materials Design, University of Taipei)

Tel: 02-23113040 ext 8422 Fax: 02-23116264

E-mail: [ateroffice@gmail.com](mailto:ateroffice@gmail.com) ( Deng, Jing-Ru; Liu, Chih-Yin)

**Place of Publication**

Taipei, Taiwan

---

**All rights reserved. Translation or reproduction must obtain a written permit.**