

Contents

Part I What Do We Know About Teaching and Learning Geography Beyond the Traditional Classroom?	
1 The Where and How of Learning Geography Beyond the Classroom	3
Chew-Hung Chang, Bing Sheng Wu, Tricia Seow and Kim Irvine	
2 Learning in the Field—A Conceptual Approach to Field-Based Learning in Geography	11
Diganta Das and Kalyani Chatterjea	
3 Teaching Geography with Technology—A Critical Commentary	35
Chew-Hung Chang and Bing Sheng Wu	
4 The Importance of Assessing How Geography Is Learnt Beyond the Classroom	49
Chew-Hung Chang and Tricia Seow	
Part II Teaching and Learning Geography Through Field Inquiry	
5 What Happened to the Textbook Example of the Padang Benggali Groyne Field in Butterworth, Penang?	63
Tiong Sa Teh	
6 The River Guardian Program for Junior High Schools on the “River of Kings,” Thailand	79
Supitcha Kiatprajak and Lynda Rolph	
7 Paradigm Shift in Humanities Learning Journey	101
Marc Teng and Kah Chee Chan	

Part III Teaching and Learning Geography with Information and Communication Technology	
8 Authentic Learning: Making Sense of the Real Environment Using Mobile Technology Tool	111
Kalyani Chatterjea	
9 Location-Aware, Context-Rich Field Data Recording, Using Mobile Devices for Field-Based Learning in Geography	133
Muhammad Faisal Bin Aman and Boon Kiat Tay	
10 High-Speed Mobile Telecommunication Technology in the Geography Classroom	145
Shahul Hameed, Pillai Vidhu and Tan Xue Ling Sherlyn Theresia	
Part IV Reflecting on Factors that Support Teaching and Learning Geography Beyond the Traditional Classroom	
11 Social Media—A Space to Learn	163
Frances Ess	
12 Teachers' Comfort Level and School Support in Using Information and Communications Technology (ICT) to Enhance Spatial Thinking	173
Zhang Hua'an Noah and Tricia Seow	
13 Reflecting on Field-Based and Technology-Enabled Learning in Geography	201
Chew-Hung Chang, Kim Irvine, Bing Sheng Wu and Tricia Seow	
Index	213