

Preface

Construction safety is often regarded as a hard nut to crack issue. This book is the first of its kind which views the issue from the supply and demand perspective. In general, supply of safety measures includes safety management, regulations, and provision of safety knowledge while demand of safety measures includes high non-monetary and monetary costs of construction accidents.

[Chapters 1](#) and [2](#) showcase the causes of construction accidents in several developed and developing countries. [Chapter 3](#) sheds light on the supply of safety measures in some of the developing countries, such as Bermuda, China, Egypt, and Kuwait; as well as developed countries, for example, France, the United States, and Singapore. [Chapters 4–6](#) study the effectiveness of various safety measures in Hong Kong with the help of questionnaires, case studies, and interviews. In view of the popularity of World Wide Web, [Chaps. 7](#) and [8](#) study the safety knowledge sharing with Web 2.0 and information technology. By putting the lens on direct and indirect costs of construction accidents and court cases in the United Kingdom and Hong Kong, [Chaps. 9–11](#) review the demand of the various safety measures. Lastly, [Chap. 12](#) illustrates the impact of burnout on construction work safety.

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Li, R.Y.M.; Poon, S.W.

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