

200 Questions and Answers on Practical Civil Engineering Works

What is the innovation and why is it innovative?

The electronic book “200 Questions and Answers on Practical Civil Engineering Works” represents a big step forward in sharing civil engineering knowledge with engineers around the world. It is considered as innovation because it is rare to provide free sharing of engineering books on engineering websites. This innovation provokes the exchange of engineering knowledge among engineers in many countries. The book is currently accepted for posting for free download in websites of engineering organizations and universities as follows: Institution of Civil Engineer (United Kingdom), World Federation of Engineering Organizations, European Council of Civil Engineers, Japan Society of Civil Engineers, Turkish Chamber of Civil Engineers, Japan Federation of Engineering Societies, German Federation of Technical and Scientific Organisations, The Barbados Association of Professional Engineers, Philippine Institute of Civil Engineers, Mongolian Association of Civil Engineer, Institute of Professional Engineering Technologists (South Africa), Imperial College London and The University of Science and Technology. Moreover, Schweizerischer Ingenieur- und Architektenverein (SIA - Switzerland), World Council of Civil Engineers, South African Institution of Civil Engineering and Institution of Engineers, Pakistan distributed the book to its members.

The sharing of the book on engineering website does arouse huge positive response. For instance, the cumulative number of download solely on the website of the Institution of Civil Engineer (United Kingdom) reaches 16,000. Owing to overwhelming feedback from readers, the author has set up an innovative free email service called “Ask Vincent Chu” to further exchange engineering knowledge with engineers around the world regarding the book. Moreover, with full support from World Federation of Engineering Organizations a monthly engineering column (innovative one) called “The Civil Q&A” has been established in which it facilitates open discussion of “200 Questions and Answers on Practical Civil Engineering Works”.

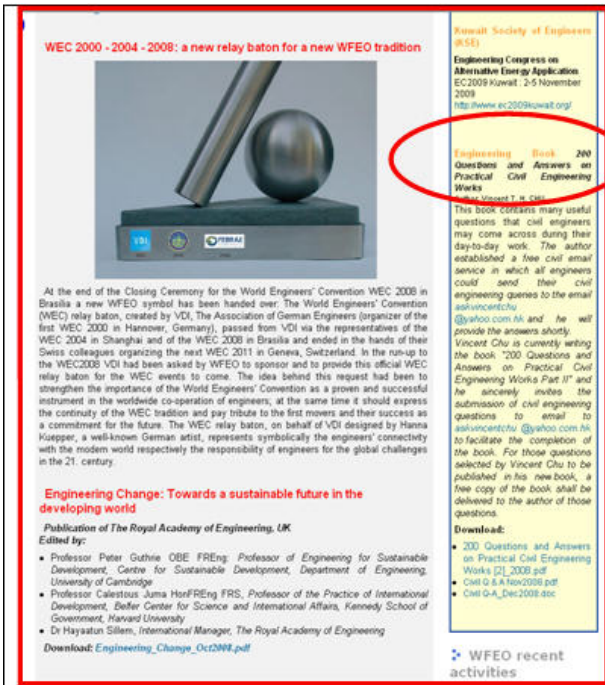
What it changed and replaced?

Ever since the posting of the book on various engineering websites and universities, it drastically changes the culture of sharing of engineering knowledge and experience around the world. It creates a platform for all engineers around the world (without any borders) to exchange the views and knowledge. In essence, it highly promotes worldwide sharing of engineering knowledge so as to bring about entire improvement and development of civil engineering on global basis. On the other hand, it also helps to nurture young engineers around the world by feeding them with important engineering concepts and experience. Owing to “200 Questions and Answers on Practical Civil Engineering Works”, it generates the atmosphere of knowledge sharing from country to country and this definitely helps improve the development of engineering in all countries.

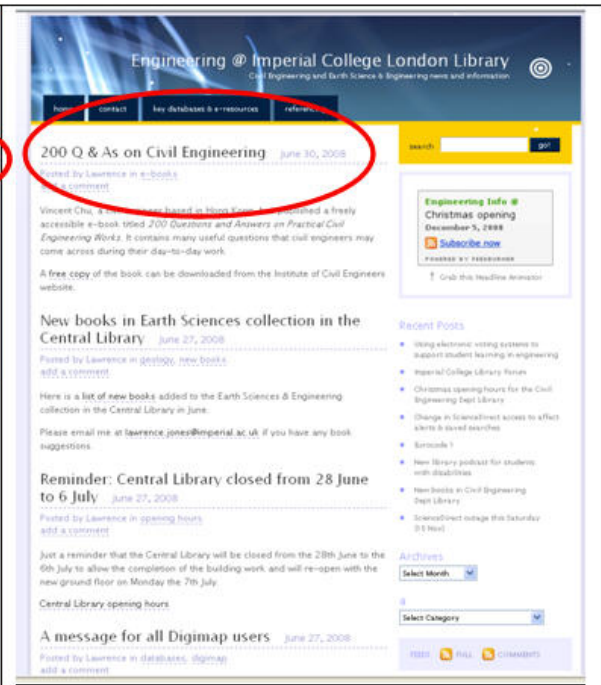
Where and when is originated, has been used, and is expected to be used in the future?

The book “200 Questions and Answers on Practical Civil Engineering Works” first appears on the website of Institution of Civil Engineer (United Kingdom) since June 2006. It is strongly believed that it should be the most popular civil engineering book around the world in recent years in terms of the number of readers and the vast interest they show. It is expected that the book shall further extend to other countries (European and Middle East) by translation of the book in suitable languages and this new wave of exchange of engineering knowledge shall ultimately reach all countries over the globe in near future.

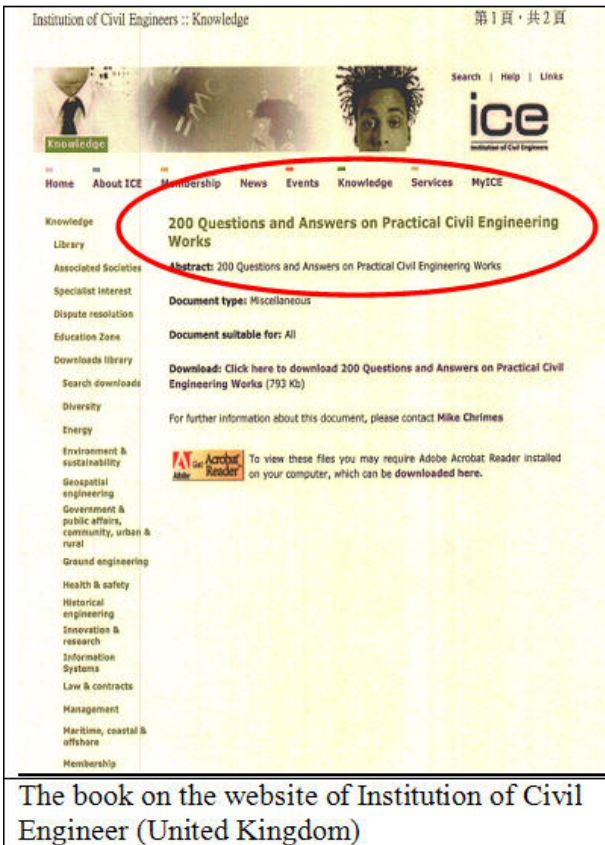
200 Questions and Answers on Practical Civil Engineering Works



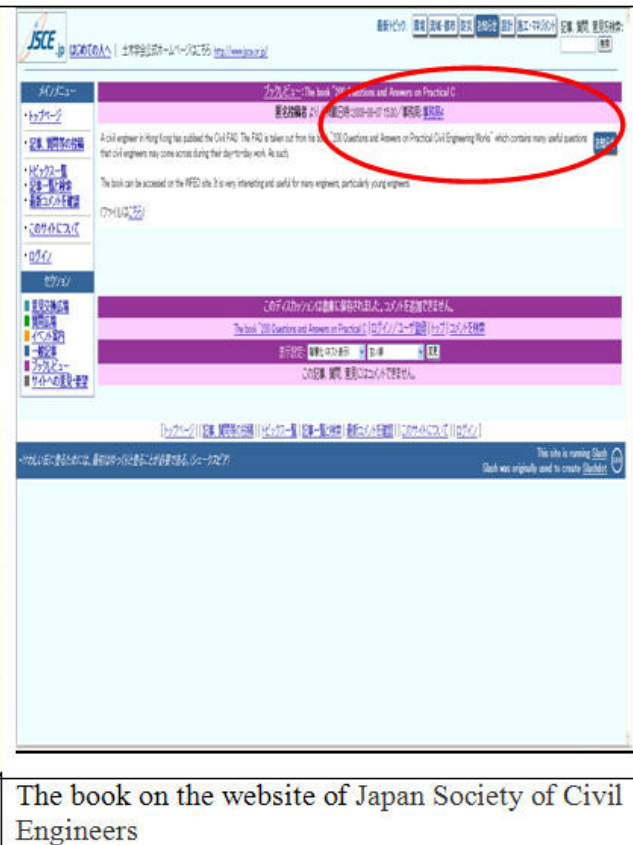
The book on the website of World Federation of Engineering Organizations



The book on the website of Imperial College London.



The book on the website of Institution of Civil Engineer (United Kingdom)



The book on the website of Japan Society of Civil Engineers