



**Dr. K Rainer Massarsch** is consultant in foundation and earthquake engineering, as well as soil dynamics, working on assignments world-wide. He has been responsible for the design and execution of major foundation projects in Europe, the Far East, Australia, South and North America, including airports and harbours, high-speed railway lines etc. Dr. Massarsch is the author of over 160 scientific and technical publications and has lectured in more than 40 countries.

Dr. Massarsch received his master degree from the Technical University of Vienna, Austria and the doctor of technology from the Royal Institute of Technology in Stockholm, Sweden. Thereafter, he was visiting scholar at the University of California, Berkeley and the University of Kentucky in Lexington, respectively. He has been professor in soil dynamics at the Royal Institute of Technology (KTH), Stockholm, technical director of an international foundation company and senior consultant with a leading Swedish consulting group. He is the inventor of several patented new foundation and soil improvement methods, such as resonance compaction, foundation nailing and ground vibration isolation.

Dr. Massarsch has been involved in the design, implementation and supervision of many major foundation project world-wide, such as airport, harbour, railway and other infrastructure projects in different countries, such as Hong Kong, Singapore, Malaysia, Mexico, Germany, United States, Canada and Sweden. He was also responsible for the salvage and remediation efforts for several major historic monuments in Egypt, such as the Tomb of Nefertari, the Memnon Colossi etc. Dr. Massarsch also specialises in forensic work, such as the review and evaluation of effects of earthquakes and damage evaluation etc.

Dr. Massarsch is presently Chairman of ISSMGE Technical Committee 10, Geophysical Site Characterisation and Chairman of two European Standardisation Committees (CEN/TC 288), preparing standards on Deep Soil Mixing (WG 10) and Vertical Drainage (WG 11).

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