

## Brief Biography of Dr Zhou Yingxin



Dr. Zhou Yingxin is a Programme Manager for Underground Technology & Rock Engineering with the Defence Science and Technology Agency (DSTA), Singapore. Since obtaining his Ph.D. from Virginia Polytechnic Institute & State University (Virginia Tech), USA, in 1988, he has worked as a geologist for the Virginia State Division of Mineral Resources, and as a Research Associate with Virginia Tech before joining the Nanyang Technological University, Singapore, as a Research Fellow in 1991. In 1994 Dr Zhou joined the Defence Science & Technology Agency, Singapore.

Since 1994, Dr Zhou has been actively involved in the planning and development of Singapore's first underground ammunition facility, being in charge of rock engineering and a major technology development programme for underground ammunition storage safety. He is the programme co-ordinator of a joint DSTA-NTU research programme on Underground Technology & Rock Engineering. He is also a Technical Advisor to JTC on the Jurong Rock Cavern Project for underground hydrocarbon storage.

Dr Zhou was a founding committee member of the Tunnelling and Underground Construction Society Singapore, and Chairman of the Organising Committee for the 4<sup>th</sup> Asian Rock Mechanics Symposium (ISRM 2006 International Symposium). He is also Co-chairman of the ISRM 2011 International Congress in Beijing China, Member of the International Advisory Board for the First Sri Lanka Geotechnical Society International Conference on Soil and Rock Engineering, 7-11 August 2007, and Member of the International Advisory Board for the 2<sup>nd</sup> INTERNATIONAL GEO-CHANGSHA CONFERENCE, Nov 2007, China. He is also a guest Professor at the Central University, China.

He was a member of the winning DSTA-NTU team for the **IES Prestigious Engineering Achievements Award 2004**, Institute of Engineers Singapore, for project on "Maximising the land use in Singapore," and a member of the winning DSTA-NTU-NUS team on "Protective Technology R&D" for the **Defence Technology Award 2006 Team Award**.

Dr Zhou has more than 100 technical papers published in international journals and conferences, and is co-editors of two proceedings volumes on ground shock and rock mechanics.