

Curriculum Vitae

Shengwen Qi

Ph.D., Professor

Secretary General of IAEG China National Group

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Research Interests:

Specialized in Engineering Geology, Rock mechanics, GIS and Numerical simulation for Geotechnical Problems, i.e. slope stability analysis, underground excavations, seepage.

Education:

- 1999-2002 Ph.D. degree in Geological Engineering
Institute of Geology and Geophysics, Chinese Academy of Science Engineering
- 1996-1999 Master degree in Geotechnical Engineering
Environmental Sciences department, Chinese University of Geosciences
- 1992-1996 Bachelor degree in Hydrogeology and Engineering Geology
Hydrogeology and Engineering Geology department, Institute of Geology Xi'an

Working experiences:

- 2014-present Professor
Institute of Geology and Geophysics, Chinese Academy of Science Engineering, CAS
- 2007-2014 Associate Professor
Institute of Geology and Geophysics, Chinese Academy of Science Engineering, CAS
Visiting Professor (2012-2013)
University of Alberta, Canada
- 2007-2008 Research Associate
Department of Civil Engineering, the University of Hong Kong

- 2004-2007 Assistant Professor
Institute of Geology and Geophysics, Chinese Academy of Science Engineering, CAS
- 2002-2004 Post Doctor
Institute of Geology and Geophysics, Chinese Academy of Science Engineering, CAS

Professional affiliations:

- 2017-present Chairperson of Committee of Structure and Behavior of Soil and Rock Mass (C29) of IAEG
- 2008-present General secretary of China National Group of International Association for Engineering Geology and the Environment (IAEG)
- 2006-present Member of American Society of Civil Engineers (ASCE)
- 2004-present Member of International Society of Rock Mechanics (ISRM)
- 2003-2007 Member of Director Board of Anchor and Grouting sub-Association of Rock mechanics and Rock Engineering of China (CSRME)

Honors and Awards:

- 2018 Outstanding Yong Scholar Funding,
National Natural Science Founding of China(NSFC)
Science and technology leading talents,
Ministry of Science and Technology, China
- 2014 Richard Wolters Prizes (Runner up)
IAEG
- 2011 Jiaxi LU Science Technology Award for Young Scientists
The Chinese Academy of Sciences
- 2010 Science &Technology Award for Young Scientists
Chinese rock mechanics and engineering society
- 2008 GOLDEN HAMMER AWARD for Young Scientists
Geological Society of China

- 2006 International Visiting Fellowship, for the paper entitled "Impact of Inundation of Houziyan Reservoir on Zang Nationality Blockhouses Group Relics along the Daduhe River and Their Protection"
The International Cooperation Council of the Environment and Water Resource Institute
- 2006 Prize for the progress of Science Technology of Xinjiang Province (Seventh) for Research on the High Steep Slopes at the dam site of Xiabandi Reservoir
- 2002 President Award of CAS
Institute of Geology and Geophysics, Chinese Academy of Science Engineering
- 2001 Excellent paper of the seventh national rock dynamics symposium

Supported Projects:

- 01/2011-12/2013 Innovation Item of CAS, Damage mechanism of Jointed rock mass and its structural dynamic effect under strong earthquake
- 01/2010-12/2014 National Key Basic Research Program (973). Deep important engineering disasters inoculation evolution mechanism and dynamic control theory-project-deep rock mechanics and the structure of the behavior--high stress collaborative control and transformation mechanism
- 12/2009-05/2010 The regional engineering geology exploration and geophysical exploration and stability-comprehensive evaluation of mined-out area for Beijing Mentougou new town planning project
- 01/2008-12/2010 National Science Foundation of China (NSFC) No. 40772188, Deep Seated Slope Deformations and Their Corresponding Dynamic Characteristic of Subsurface Crust
- 07/2008-12/2008 National key Lab. for Geo-hazards and Prevention Special Fund for relieving 5. 12 strong earthquake disasters, Mechanism of slopes instability under strong earthquake
- 07/2008-07/2009 Prevention of geological disasters and geological environment protection national key laboratory opening funded, Slope instability mechanism triggered by strong earthquake
- 05/2008-07/2008 Remote Sensing Monitoring of 5.12 strong earthquake disasters of CAS
- 11/2006-12/2008 Bureau of Geological Survey of China, Comprehensively Research of Geo-hazards in Himalaya Mountain

Publications:

1. Monograph and Book Chapters

- [1] Faquan Wu and **Shengwen Qi**. 2013. Geological view of Engineering Geology and the Environment. Beijing, China, 24-25 Sept, CRC Press Taylor and Francis Group, ISBN 978-1-138-00078-0
- [2] Liqiang Tong, **Shengwen Qi**, Guoying An, Chunlin Liu. 2012. Remote sensing research of geological disaster in the Himalayan region. Beijing, Science press. (in Chinese)
- [3] **Shengwen Qi**. 2010. Chapter 5, Study of slope instability mechanism and dynamic induced by strong earthquake, Geohazard Assessment of Wenchuan Earthquake (Director author: Runqiu Huang), Science Press. (in Chinese)
- [4] **Shengwen Qi**. 2010. 3.3.3, Engineering geology and hydrogeological conditions, (Director author: Jie Fan), National Wenchuan earthquake reconstruction planning - resources and environment carrying capacity assessment, (in Chinese)
- [5] **Shengwen Qi**. 2009. Chapter 2, Atlas of remote sensing of the Wenchuan Earthquake (Edited by Guo Huadong), Taylor & Fancis Group CRC Press
- [6] **Shengwen Qi**. 2009. 3.3.3, Engineering geology and hydrogeological conditions, (Director author: Jie Fan), National Wenchuan earthquake reconstruction planning - resources and environment carrying capacity assessment, (in Chinese)
- [7] Faquan Wu, **Shengwen Qi**, Shengwu Song, Manfu Gong. 2008. Study of complex high steep rock slope deformation and stability - taking Jinping Hydropower Station for example. Beijing, Science press. (in Chinese)
- [8] **Shengwen Qi**. 2008. Chapter 2, (Director author: Huadong Guo), Atlas of remote sensing for Wenchuan earthquake disaster, Beijing, Science press. (in Chinese)
- [9] **Shengwen Qi**, Faquan Wu, Fuzahng Yan, Chunlin Liu. 2007. ROCK SLOPE DYNAMIC RESPONSE ANALYSIS, Beijing, Science press. (in Chinese)

2. ISI Journal Papers

- [1] Linxin Zhang, **Shengwen Qi***, Lina Ma, Songfeng Guo, Zhiqing Li, Guoliang Li, Jijin Yang, Tonglu Li, Xiaokun Hou. Three-dimensional pore characterization of intact loess and compacted loess with micron scale computed tomography and mercury intrusion porosimetry, *Scientific Report*. <https://doi.org/10.1038/s41598-020-65302-8>
- [2] Mingdong Zang, **Shengwen Qi***, Yu Zou, Zhuping Sheng, Blanca S. Zamora. 2020 .An improved method of Newmark analysis for mapping hazards of coseismic landslides. *Nat. Hazards Earth Syst. Sci.* 20, 712-726.
- [3] **Shengwen Qi***, Renato Macciotta, K. Shou, C. Saroglou, 2020. Preface to the Special Issue on “Advances in Rock Mass Engineering Geomechanics”. *Engineering Geology*, 266, Online.
- [4] Songfeng Guo, **Shengwen Qi***, Zhifa Zhan, Lina Ma, Ephrem Getahun, Shishu Zhang. (2020). Numerical study on the progressive failure of heterogeneous geomaterials under varied confining stresses. *Engineering Geology*, online.
- [5] Di, Q., Fu, C., An, Z., Wang, R., Wang, G., Wang, M., **Qi, S.** & Liang, P. (2020). An application of

- CSAMT for detecting weak geological structures near the deeply buried long tunnel of the Shijiazhuang-Taiyuan passenger railway line in the Taihang Mountains. *Engineering Geology*, 105517, online.
- [6] Li, G., Li, G., Wang, Y., **Qi, S.**, Yang, J. (2020). A rock physics model for estimating elastic properties of upper Ordovician-lower Silurian mudrocks in the Sichuan Basin, China. *Engineering Geology*, 266, 105460, online.
- [7] Jianxian He, **Shengwen Qi***, Yunsheng Wang, Charalampos Saroglou. 2020. Seismic response of the Lengzhuguan slope caused by topographic and geological effects. *Engineering Geology*, <https://doi.org/10.1016/j.enggeo.2019>.
- [8] **Shengwen Qi***, Hengxing Lan, Derek Martin, Xiaolin Huang. 2020. Factors Controlling the Difference in Brazilian and Direct Tensile Strengths of the Lac du Bonnet Granite. *Rock Mechanics and Rock Engineering*, 53(3), 1005-1019, <https://doi.org/10.1007/s00603-019-01946-x>
- [9] Ephrem Getahun, **Shengwen Qi***, Songfeng Guo, Yu Zou, Ning Liang. 2019. Characteristics of grain size distribution and the shear strength analysis of Chenjiaba long runout coseismic landslide, *J. Mt. Sci.* 16(9): 2110-2125, <https://doi.org/10.1007/s11629-019-5535-3>.
- [10] Mingdong Zang, Jianbing Peng*, **Shengwen Qi***. 2019. Earth fissures developed within collapsible loess area caused by groundwater uplift in Weihe watershed, northwestern China. *Journal of Asian Earth Sciences*, 173, 364–373, <https://doi.org/10.1016/j.jseaes.2019.01.034>
- [11] Bin Zhang, Lei Shi, Xiong Yu, **Shengwen Qi**. 2019. Assessing the water-sealed safety of an operating underground crude oil storage adjacent to a new similar cavern—A case study in China. *Engineering Geology*. 249, 31, 257-272
- [12] Xiaolin Huang, **Shengwen Qi**, Wei Yao, Kaiwen Xia*. Effect of Filling Humidity on the Propagation of High-Amplitude Stress Waves through an Artificial Joint. *Geotechnical Testing Journal*, 2019, 42(1). (online)
- [13] Xiaolin Huang, **Shengqwen Qi***, Kaiwen Xia, Xiaoshan Shi. 2018. Particle crushing of a filled fracture during compression and its effect on stress wave propagation. *Journal of Geophysical Research: Solid Earth*, 123, 5559–5587.
- [14] Xing Xie, **Shengwen Qi***, Fasuo Zhao, Donghong Wang. 2018. Creep behavior and the microstructural evolution of loess-like soil from Xi'an area, China. *Engineering Geology*, 236: 43-59.
- [15] Jianbing Peng, **Shengwen Qi***, Ann Williams, Tom A. Dijkstra. 2018. Preface to the special issue on “Loess engineering properties and loess geohazards”. *Engineering Geology*, 236: 1-3.
- [16] Guoxiang Yang, **Shengwen Qi***, Faquan Wu, Zhifa Zhan, 2018. Seismic amplification of the anti-dip rock slope and deformation characteristics: A large-scale shaking table test. *Soil Dynamics and Earthquake Engineering*. Vol.115, 907-916.
- [17] Charalampos Saroglou, **Shengwen Qi**, Songfeng Guo, Faquan Wu. ARMR, a new classification system for the rating of anisotropic rock masses. *Bulletin of Engineering Geology and the Environment*, 2018: 1-16.
- [18] Xiaolin Huang, Qi Zhao, **Shengwen Qi***, Kaiwen Xia, Giovanni Grasselli, Xuguang Chen. 2017. Numerical Simulation on Seismic Response of the Filled Joint under High Amplitude Stress Waves Using Finite-Discrete Element Method (FDEM). *Materials*, 10, 13; doi:10.3390/ma10010013
- [19] Songfeng Guo, **Shengwen Qi***, Yu Zou and Bowen Zheng. 2017. Numerical Studies on the Failure Process of Heterogeneous Brittle Rocks or Rock-Like Materials under Uniaxial Compression. *Materials*, 10(4), 378.

- [20] **Shengwen Qi***, Yu Zou, Faquan Wu, Changgen Yan, Jinghui Fan, Mingdong Zang, Shishu Zhang and Ruyi Wang. 2017. A Recognition and Geological Model of a Deep-Seated Ancient Landslide at a Reservoir under Construction. *Remote Sens.* 2017, 9, 383; doi:10.3390/rs9040383
- [21] Zhifa Zhan, **Shengwen Qi***, 2017, Numerical study on dynamic response of a horizontal layered-structure rock slope under a normally incident Sv wave, *Applied Science*, 2017. 7, 716; doi:10.3390/app7070716
- [22] Songfeng Guo, **Shengwen Qi***, Guoxiang Yang, Shishu Zhang, & Saroglou, C. (2017). An Analytical Solution for Block Toppling Failure of Rock Slopes during an Earthquake. *Applied Sciences*, 7(10), 1008.
- [23] Songfeng Guo, **Shengwen Qi***, Bowen Zheng and Zhifa Zhan (2017). Plastic-strain-dependent strength model to simulate the cracking process of brittle rocks with an existing non-persistent joint. *Engineering Geology*, 231, 114-125.
- [24] Songfeng Guo, **Shengwen Qi***, Ming Cai. 2016. Influence of tunnel wall roughness and localized stress concentrations on the initiation of brittle spalling. *Bull Eng Geol Environ*, DOI 10.1007/s10064-015-0816-8
- [25] **Shengwen Qi***, Xingxing Li, Songfeng Guo, Zhifa Zhan, Haijun Liao. 2015. Landslide-risk zonation along mountainous highway considering rock mass classification. *Environ Earth Sci*, 74,4493-4505. DOI 10.1007/s12665-015-4453-0
- [26] **Shengwen Qi***, Hengxing Lan, Jinyu Dong. 2015. An analytical solution to slip buckling slope failure triggered by earthquake, *Engineering Geology*, 194, 4-11 <http://dx.doi.org/10.1016/j.enggeo.2014.06.004>
- [27] Xiaoling Huang, **Shengwen Qi***, Ann Williams, Yu Zou, Bowen Zheng. 2015. Numerical simulation of stress wave propagating through filled joints by particle model. *International Journal of Solids and Structures* 69–70, 23–33
- [28] Songfeng Guo, **Shengwen Qi***. 2015. Numerical study on progressive failure of hard rock samples with an unfilled undulate joint. *Engineering Geology*. 193. 173-182
- [29] Xiaolin Huang, **Shengwen Qi***, Youshan Liu, Zhifa Zhan. 2015. Stress wave propagation through viscous-elastic jointed rock masses using propagator matrix method (PMM). *Geophysical Journal International*. 200, 452–470
- [30] Xiaolin Huang, **Shengwen Qi***, Songfeng Guo, Wanli Dong. 2014. Experimental study of ultrasonic waves propagating across rock mass with single joint and multiple parallel joints. *Rock Mechanics and Rock Engineering*. Volume 47, No. 2, 549-559
- [31] **Shengwen Qi***, Faquan Wu, Zhong Qi Yue, Chunling Liu. 2012. Characteristics and mechanism of deep weathering of argillaceous limestones at Fengjie County, Three Gorges Region, Central China, *Bulletin of Engineering Geology and the Environment*, Volume 71, No. 2, 285-295, DOI: 10.1007/s10064-011-0405-4
- [32] Hanhua Tan, Jiahui Huang and **Shengwen Qi***. 2011. Application of cross-hole radar tomography in karst Area, *Environmental Earth Sciences*, 66,355-362, DOI 10.1007/s12665-011-1244-0
- [33] **Shengwen Qi***, Qiang Xu, Hengxing Lan, Bing Zhang and Jianyou Liu. 2012. Resonance effect existence or not for landslides triggered by 2008 Wenchuan earthquake: A reply to comment by Drs. Xu Chong and Xu Xiwei, *Engineering Geology*,151,128-130
- [34] **Shengwen Qi***, Qiang Xu, Bing Zhang, Yuande Zhou, Hengxing Lan and Lihui Li. 2011. Source characteristics of long runout rock avalanches triggered by the 2008 Wenchuan earthquake,

- China, *Journal of Asian Earth Sciences*, 40, 896–906. doi:10.1016/j.jseaes.2010.05.010
- [35] **Shengwen Qi***, Faquan Wu, Yuande Zhou, Yuhuan Song, Manfu Gong. 2010. Influence of deep seated discontinuities on the left slope of Jinping I Hydropower Station and its stability analysis, *Bulletin of Engineering Geology and the Environment*, 69:333–342. DOI10.1007/s10064-010-0268-0
- [36] **Shengwen Qi***, Qiang Xu, Hengxing Lan, Bing Zhang and Jianyou Liu. 2010. Spatial distribution analysis of landslides triggered by 2008.5.12 Wenchuan Earthquake, China, *Engineering Geology*, 116 95–108
- [37] Manfu Gong, **Shengwen Qi***, Jianyou Liu. 2010. Engineering geological problems related to high geo-stresses at the Jinping I Hydropower Station, Southwest China, *Bulletin of Engineering Geology and the Environment*, 69:373–380, DOI 10.1007/s10064-010-0267-1
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- [39] **Shengwen Qi**, Zhongqi Yue *, Faquan Wu, Zhonghua Chang. 2009. Deep weathering of a group of thick argillaceous limestone rocks near Three Gorges Reservoir, Central China. *International Journal of Rock Mechanics and Mining Sciences*, 46,929–939
- [40] **Shengwen Qi***, Fuzhang Yan, Sijing Wang, Ruichun Xu. 2006. Characteristics, mechanism and development tendency of deformation of Maoping landslide after commission of Geheyan reservoir on the Qingjiang River, Hubei Province, China. *Engineering Geology*, 86, 37-51
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- [42] Wu Faquan, **Qi Shengwen***, Lan Hengxing. 2005. Mechanism of uplift deformation of the dam foundation of Jiangya Water Power Station, Hunan Province, P.R. China. *Hydrogeology Journal*, 13: 451-466
- [43] **Shengwen Qi***, Faquan Wu, Fuzhang Yan, Hengxing Lan. 2004. Mechanism of deep cracks in the left bank slope of Jinping first stage hydropower station. *Engineering Geology*, 73, No.1-2, 129-144
- [44] **Qi Shengwen***, WU Faquan and SUN Jinzhong. 2003. General regularity of dynamic responses of slopes under dynamic input. *Science in China, Series E*, Vol.46, Supp., 120-132
- [45] Sun Jinzhong, Tan Hanhua, **Qi Shengwen**, Wang Shuli. 2001. Frequency Analysis of Heavy Tamping Vibration. *Journal of China of Geosciences*, Vol.12, No.2, 150-154
- 3. Conference Proceedings**
- [1] Zhifa Zhan, **Shengwen Qi***, Xiaolin Huang, and Yu Zou. 2015. Discussion of Some Fundamental Issues of FLAC3D in Research of Dynamic Response of Rock Slope, *ISRM Congress 2015 Proceedings - Int'l Symposium on Rock Mechanics - ISBN: 978-1-926872-25-4*
- [2] Bowen Zheng, **Shengwen Qi***, Songfeng Guo, Xiaolin Huang. 2015. The influence of shear velocity on the strength characteristics of rock joints. *ISRM Congress 2015 Proceedings - Int'l Symposium on Rock Mechanics - ISBN: 978-1-926872-25-4*
- [3] Chunling Liu, Liqiang Tong, **Shengwen Qi***. 2014. Susceptibility of Rocky Desertification Based on Analytical Hierarchy Process and Certainty Factor (AHP-CF) Method: A Case from Changshun County, Guizhou Province, SW of China, G. Lollino et al. (eds.), *Engineering Geology for Society and Territory – Volume 3*, DOI: 10.1007/978-3-319-09054-2_106, © Springer International Publishing Switzerland 2014
- [4] **Shengwen Qi ***, C.D Martin, Shenglin Qi, Yu Zou. 2014. In situ test on dynamic response of single

- surface slope, G. Lollino et al. (eds.), *Engineering Geology for Society and Territory – Volume 2*, DOI: 10.1007/978-3-319-09057-3_305, Springer International Publishing Switzerland 2014
- [5] Hengxing Lan, Martin, CD, **Shengwen Qi**. 2013. A 3D grain based model for characterizing the geometric heterogeneity of brittle rock. Arma13-194.
- [6] Songfeng Guo, **Shengwen Qi**, Bowen Zheng & Xingxing Li. 2013. The deformation and strength properties of Jinping Marble with different confining pressure under cyclic loading-unloading tests. In: *Proceedings of the International Symposium and 9th Asian Regional Conference of IAEG. Global View of Engineering Geology and the Environment*. Edited by Wu F & Qi S, pp. 413-417. *ISBN 978-1-138-00078-0*.
- [7] Bowen Zheng, **Shengwen Qi**, Songfeng Guo and Xingxing Li. 2013. Experimental research on deformability and strength of Marble in Jinping under different confining pressure. In: *Proceedings of the International Symposium and 9th Asian Regional Conference of IAEG. Global View of Engineering Geology and the Environment*. Edited by Wu F & Qi S, pp. 419-425. *ISBN 978-1-138-00078-0*.
- [8] Genlong Wang, **Shengwen Qi**, Hengxing Lan. 2013. Numerical simulation of limit pressure against debris flow for the 8th August, 2010 Sanyanyu debris flow in China: A case study. In: *Proceedings of the International Symposium and 9th Asian Regional Conference of IAEG. Global View of Engineering Geology and the Environment*. Edited by Wu F & Qi S, pp. 173-177. *ISBN 978-1-138-00078-0*.
- [9] **Shengwen Qi** *, Faquan Wu. Yuhuan Song and Zhiqing Li. 2012. Reactivation of an overlooked landslide in site of powerplant of Shawan hydropower station, Sichuan, China. In *Landslides and engineered slopes Protecting Society through Improved Understanding*. 675-680. Editors: Erik Eberhardt, Corey Froese, A. Keith Turner and Serge Leroueil. *Proceedings of the 11th international and 2nd north American Symposium on Landslides and Engineered Slopes, Banff, Canada, 3-8 June, CRC Press Taylor and Francis Group, ISBN 978-0-415-63302-4*.
- [10] **Shengwen Qi** *, Changgen Yan, and Chunling Liu. 2012. Two typical types of earthquake triggered landslides and their mechanisms. In *Landslides and engineered slopes Protecting Society through Improved Understanding*. 1819-1823. Editors: Erik Eberhardt, Corey Froese, A. Keith Turner and Serge Leroueil. *Proceedings of the 11th international and 2nd north American Symposium on Landslides and Engineered Slopes, Banff, Canada, 3-8 June, CRC Press Taylor and Francis Group, ISBN 978-0-415-63303-1*.
- [11] **Shengwen Qi** *, Faquan Wu. 2011. Numerical simulation excavation disturbed zone (EDZ) of granite gneiss dam foundation in high geostress area-a case from Xiaowan hydropower station, China. In *Environmental Geosciences and Engineering Survey for Territory Protection and Population Safety*, 176-176. International Conference EngeoPro-2011, Moscow, 6-8.09.2011, *ISBN 978-5-903926-20-6*
- [12] Yuhuan Song, **Shengwen* Qi**, Runqiu Huang. 2011. Deformation and stability of the outlet slope of water diversion tunnel, the flood discharge tunnel and the tail water tunnel at right bank of first level hydropower station of Jinping. In *Environmental Geosciences and Engineering Survey for Territory Protection and Population Safety*, 114-114. International Conference EngeoPro-2011, Moscow, 6-8.09.2011, *ISBN 978-5-903926-20-6*
- [13] **Shengwen Qi***, Faquan Wu and Chunling Liu. 2010. Effects of single face slope on seismic ground responses, 3461-3468, In *Geologically Active – Williams et al. (eds) Taylor & Francis Group, London, ISBN 978-0-415-60034-7*,

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- [15] Changgen Yan, Faquan Wu, Tong Liu, **Shengwen Qi**. 2010. Unloading phenomena characteristics in brittle rock masses by a large-scale excavation in dam foundation, 3889-3896, In *Geologically Active – Williams et al. (eds) Taylor & Francis Group, London, ISBN 978-0-415-60034-7*
- [16] **Shengwen Qi***, Faquan Wu, Jianfeng Chai. 2009. Deep seated cracks developed in the high-steep slopes around eastern margin of Qinghai-Tibet Plateau, *Proceedings of the international Symposium and the 7th Asian Regional Conference of IAEG* (Edited by Runqiu Huang, Niek Rengers et al), Sept. 9-11, 2009, Chengdu, China.376-376.
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- [19] **Shengwen Qi**, Zhong Qi Yue, Chun-ling Liu and Zhong-hua Chang. 2008. Instability of Cut Slopes Comprising Deep Weathered Argillaceous Limestone in New Fengjie County on three Gorges Reservoir in Central China. Kyoji Sassa, *Proceedings of The First World Landslide Forum* 18-21 November 2008, United Nations University, Tokyo, Japan, Poster Session Volume, 95-99.
- [20] **Shengwen Qi**, Zhong QI Yue and Chunling Liu. 2008. Ground environmental problems encountered during development of a new town for resettlement of huge number of people before impounding of Three Gorges Reservoir on Yangtze River in China. *World Engineering Conference*. 2008 In Brazil
- [21] Liqiang Tong, **Shengwen Qi***, Chunling Liu. 2008. Remote sensing based investigation of landslides in Himalaya mountains. Kyoji Sassa, *Proceedings of The First World Landslide Forum* 18-21 November, United Nations University, Tokyo, Japan, Parallel Session Volume, 593-594.
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- [23] **Shengwen Qi**, Faquan Wu, ChanggenYan, Zhuping Shen. 2006. Impacts of Inundation of Houziyan Reservoir on Zang Nationality Blockhouse Group Relics along the Dadu River. *World Environmental and Water Resources Congress 2006 (CD) (ASCE)*
- [24] **Qi Shengwen**, Wu Faquan, Chang Zhonghua, Liu Haiyan. 2005. Mechanism of deformation mode of near horizontal layer bank slope of Fengjie county, Three gorges. *International Symposium on lastest natural disasters-new challenges for engineering geology, geotechnics and civil protection*.Sept. 5-8, Sofia, Bulgaria, 89-89 (full text in CD)