

**Geomechanics, Engineering Geology,  
Hydrogeology, Geotechnical Engineering**

**Expertise** Rock Mechanics, Geomechanics, Numerical Modeling,  
Site Investigation

**Education** Ph.D. (Geotechnical Engineering), 2007  
Hohai University, Nanjing, China  
M.Sc. (Hydrology and Engineering Geology), 2004  
B.Sc. (Engineering Geology), 2001  
Kunming University of Science and Technology, China

**Professional Affiliations** Member, Chinese Rock Mechanics Association

**Professional Experience**

2011 - Present *HydroChina - Itasca R&D Center, Hangzhou City, China  
Director, Chengdu Office*

2008 - 2011 *Itasca Consulting China, Ltd., Wuhan City, China, Engineer*

2007 – 2008 *China Three Gorges Project Corporation, Yichang, China  
Technical Manager, Engineer*

**Project Experience**

**Rock Mechanics:** Theoretic and numerical analysis of anisotropic, columnar, jointed rock mass; numerical duplication of in-situ test for columnar basalt; numerical modeling with *3DEC* for the study of natural and cut high-slope stability, large-scale underground cavity stability, and in-situ stress analysis.

**Engineering Geology:** Geotechnical engineering investigation for the development of hydraulic power stations; site investigations and assessments of natural hazards such as debris flow, landslides and land subsidence; rock-mass quality classification, geophysical measuring, and geological mapping.

**Hydrogeology:** Field hydrological and hydrogeological investigations for monitoring underground water tables; genesis mechanism analysis and coupled HM simulation of land subsidence.

**Geotechnical Engineering:** Rock and soil slope designs; landslide treatment; planning and development of hydraulic power stations.