

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

Expertise Rock Mechanics, Geomechanics, Numerical Modeling, Site Investigation

Education Ph.D. (Geotechnical Engineering), 2007
M.Sc. (Geotechnical Engineering), 2004
Hohai University, Nanjing, China
B.Sc. (Geotechnical Geology), 2001
Nanjing Industry University, China

Professional Affiliations Member, Chinese Rock Mechanics Association

Professional Experience

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

2009–2010 *Hydrochina Huadong Engineering Corporation, China
Engineer*

2007–2009 *Hydrochina Huadong Engineering Corporation, China
Post-Doctorate*

Project Experience

Rock Mechanics: Numerical analysis of deep tunnel construction; laboratory rock tests, including Acoustic Emission Monitoring; rockburst-risk assessment in hard-rock tunnel sections; destress design for controlled rockburst risk in deep tunnels; seismic monitoring applications for tunneling rockburst pre-warnings.

Geotechnical Engineering: Tunnel support designs; landslide treatment; planning and development of hydraulic power stations.