

# Biography of WANG Sijing

Prof. WANG Sijing, born in Shanghai, China, is a well-known academics in engineering geology, environmental geology and rock mechanics. China officially joined IAEG in 1978. In IAEG family, Prof. WANG Sijing served as the President of IAEG China National Group(1993-2003), Vice president of IAEG(1982-1986 and 1992-1998), President of IAEG (1998-2002).

During his second term as Vice president of IAEG(Asian region), Prof, WANG Sijing successfully organized the IAEG Executive Committee, Council and IAEG annual academic conference during the 30th International Geological Congress (IGC) in Beijing, China, 1996. As President of IAEG, Prof. WANG Sijing managed to promote the engineering geology community in developing countries, especially in Asia, South America and Africa, onto the world academic stage. Meanwhile, Prof. WANG Sijing proposed to establish the Asian regional academic conference of IAEG, which was a great success and has been kept as a major traditional academic activity of IAEG to this day, greatly exchanging academic knowledge and enhancing friendship in IAEG family.

In 2009, Prof. WANG Sijing was awarded IAEG Hans Cloos Medal.

## Education and Appointments:

- M Eng (1959) , Hydrogeology and Engineering Geology, Moscow Institute of Geology, Moscow, USSR.
- Ph.D (1963) , Mineral-Geological Sciences, Moscow Institute of Geology, Moscow, USSR.

## Scientific Positions

- 1963-1981 Associate Professor, Institute of Geology, Chinese Academy of Sciences (CAS)
- Since 1981 Professor and Ph.D. student supervisor
- 1984-1987 Deputy Director of Institute of Geology, CAS
- 1987-1995 Director of Institute of Geology, CAS
- Since 1995 Academician, Chinese Academy of Engineering (CAE) Board Director, Division of Energy and Mining Engineering
- 1997-2003 Director, Joint Research Center for Slope Engineering, CAS and HKU
- 2000-2002 Director, Division of Energy and Mining Engineering, CAE
- 2000-2005 Presidium Councilor, Chinese Academy of Engineering, (CAE)

## Professional Affiliations

- Vice-president, International Association of Engineering Geology (IAEG), 1982-1986 and 1992-1998
- president, Association of Geoscientists for International Development (AGID),

1987-1995

- President, China Committee for Engineering Geology, 1993-2003
- Vice-president, Chinese Society for Rock Mechanic and Engineering, 1994-1998
- Vice-president, Vice-president, Chinese Society for Quaternary Research, 1994-1998
- Member, Commission D-18, American Society of Testing Materials (ASTM), 1995-2005
- President, China Society for Rock Mechanics and Engineering, 1998-2002
- President, International Association of Engineering Geology and the Environment (IAEG), 1998-2002
- Councilor, China Union of Science and Technology, 2001-2005
- Executive Board Member, International Association of Engineering Geology (IAEG), 2002-2006

### **Research Interests**

Engineering geology of tunnels, slopes and dams and other engineering projects; dynamic stability of rock slopes due to blasting and seismic loading; the Finite Element Method, Stereo projection method, geomechanical modeling technology in Engineering Geology; the application of rock acoustics in the engineering geological investigation.

### **Major Honors**

- National Prize of Natural Sciences (Third), for project "Geomechanics for Rock Engineering", 1987.
- National Award of Honor for Distinguished Professional Achievements, 1987.
- Academy Prize of Science Achievements (First), for project "Comprehensive Study for Feasibility Appraisal of Ertan Hydropower Development on Yalong River", 1983.
- Academy Prize of Science Achievements (Second), for project "Geomechanics of Dam Rock Foundation", 1990.
- Academy Prize of Science Achievement (Third), for project "Stability Analysis of Underground Excavations", 1984.
- Academy Prize of Science Achievement (Third), for project "Geoenvironment Study for Development Planning in Xichang-Dukou Region, Sichuan", 1993.
- Mayor Medal of Lyon, France, 2005.
- l'ordre des Palmes académiques, France, 2007.
- IAEG Hans Cloos Medal, 2009.
- Evgenii M. Sergeev Medal, 2017.

### **Honorary Professor**

- Hong Kong University, 1996
- Tongji University, Shanghai, 2000
- China University of Mining Sciences and Technology, Xuzhou, 2001
- Chengdu University of Science and Technology, 2002

### **Honorary President**

- Tianjin Institute for Urban Development, 2001

- Chinese Society for Rock Mechanics and Engineering, 2003
- Institute of geotechnical research, Zhejiang Institute of Engineering Construction (since 2005)
- Appreciation for Service as Vice-president for Asia in IAEG, 1998,
- Appreciation for Service as President in IAEG, 2002
- Appreciation for Service as Past-President in IAEG, 2006
- Medal in appreciation of the Valuable Contribution to Geotechnical Community, awarded by the 9th Southeast Asian Geotechnical Conference, Bangkok, 1987.
- Medal Offert Parle Maire De Lyon, 2005
- Medal Outstanding Chinese Scholar, Polytech University, Hong Kong, 2005