

Xiao-ge Zhang, Jin Wang

## Ying-luo Wang: A Brief Biography

**Ying-luo Wang**

**Professor**

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Professor Ying-luo Wang was born in Jing County of Anhui Province in May 1930. He graduated from Jiaotong University in 1952 and received his Master's degree from Harbin Industrial University in 1955. After almost sixty years' hard work and innovation, he has established himself a leading figure in Chinese management science and engineering fields.

He has an enviable number of titles of "The First" since the Foundation of People's Republic of China. He was the first graduate student in engineering management through systematic education and a member of the first Chinese delegation of management experts to visit the U.S.A. He was the first doctoral supervisor and the first advisor of post-doctoral mobile stations in the field of management engineering of China. He was one of the founding fathers of the first management schools and wrote *Production Organization*, the first book of management education in China. It was him who first applied system engineering methods to research in educational system engineering, advocating cultivation of senior management professional out of engineers.

He has made in-depth studies on Chinese management science system and established a system of Chinese management discipline which has greatly promoted the application and development of system engineering in China. Guided by system engineering theory, he proposed and set the model of development strategy of regional economy. He has also developed a computer intelligent decision support system and presided over many mega-engineering projects, such as Comprehensive Evaluation of the Three Gorges. He has also brought clear and brilliant focus on the process and mechanism of China's high-tech industrialization.

His idea of Corporate Flexibility Strategy based upon the characteristic of "system stable source" of strategic process, brings fresh air in the field of management. He proposes to realize strategic integration by means of strategic transformation. The "lean, agile and flexible manufacturing system" he advocates has made a significant contribution to China's economic development.

As a scholar, he always stands in the forefront of the development of learning in his field and carries out a lot of systematic and innovative work. He has hosted and participated in more than ten national major research projects and

obtained 10 Science and Technology Progress Awards at national and provincial levels. His fondness of teaching has earned him three national and provincial teaching achievement awards. Because of his contribution to our country's science and technology, he was awarded the title of "National Universities' Outstanding Science and Technology Worker" by the State Education Commission (1985—1998, before 1985 and after 1998, the Ministry of Education) and the Ministry of Science and Technology.

Till now, Professor Wang has published more than 300 articles, 22 books and 8 textbooks. He is widely considered to be his field's most influential textbook writer. As a teacher, he has educated a large number of top sci-tech talents and many competent management professionals of double bachelor degrees or of MBA. In recognition of his outstanding contribution as an educator, he was awarded the "Talent Scout Award" by Xi'an Jiaotong University.

He has long been organizing and carrying out international academic exchanges and enjoyed high reputation in the domestic and foreign academic peers. He was once elected a member of the executive board of the International Industrial Engineering Society, a member of System Engineering Committee of International Federation of Automatic Control (IFAC). He is a member of the editorial board of *Computer and Industrial Engineering*, the chairman of the editorial board of *Management Engineering Journal* and the chairman of the editorial board of *Industrial Engineering*.

He has been devoting himself to education and scientific research in the field of management science and engineering in China for more than fifty years. His contributions in the past fifty years have been unprecedented, helping China to build a fairly new school of system management with Chinese characteristics by the integration of management engineering, system engineering and industrial engineering. His contributions as an educator and scholar are well recognized in the field. Therefore, in October, 2012, he was awarded the "Lifetime Achievement Award of Chinese System Science and System Engineering Science and Technology", the highest prize in Chinese system engineering field.

He was elected member to the Chinese Academy of Engineering in 2003 and is the first CAE member in the field of engineering management. He is admired for his great contribution to the prosperity of China's management science and education. He is really a friendly, kind and gentle master who is respected by followers.