



Zhouying Jin is a senior researcher and professor, Institute of Quantitative-Economics and Technical-Economics of the Chinese Academy of Social Sciences(CASS); Director, Center for Technology Innovation and Strategy Studies (CTISS), of CASS. She also is Chairman and founder for the Beijing Academy of Soft Technology; President of China chapter of World Future Society (WFS); Chair of China Node of MP project.

She was graduated from University of Science and Technology of China (USTC); a researcher, Institute of Mechanics, Chinese Academy of Sciences; a researcher, Research Institute of a National Defense Science and Technology; Deputy Chief Engineer of Changchun Electric Industrial Administration; Vice secretary-general, China enterprise Directors (Managers) Association of State Economic Committee of China. From 1988 (to present), she serves for the Chinese Academy of Social Sciences.

SERVINGS FOR NATIONAL S863 PLAN: In 1996-2000, she has been appointed by MOST (Ministry of Science & Technology) as a key member of Nation's S863 Plan and appointed as the Strategy Experts Team Leader for the S863 (China High-Tech Research & Development Plan for 2001-2010) of China.

OVERSEA EXPERIENCES: Visiting professor of Case Western Reserve University and University of Nebraska-Lincoln, U.S.A; Senior Research Fellow, Institute for The Future (ITFF, U.S. CA, Menlo Park); Special researcher, Institute of Science and Technology policy of Japan; visiting professor of University of Aix-Marseille III of France.

MAJOR FIELDS OF RESEARCH: Future research, Soft technology - new paradigm of technology, Long-term strategy management system and sustainable development, Technology innovation.

SOFT TECHNOLOGY: She was the first to systematically study and published a series of monograph on soft technology - new paradigm of technology in the world, and founded the Beijing Academy of Soft Technology. Her book - *"Global Technological Change - From Hard Technology to Soft Technology"* has been English and Japanese version, Korean version is in translation. She was invited by more than twenty countries and over 40 universities, research institutes and international conferences to present about the theory and application of soft technology and soft environment. For instance she was invited as one of the ten "world thinkers" and as a speaker for the first 'Festival of Thinkers' with ten Nobel Laureates in 2005.

FUTURE RESEARCH: Over the past decades, she has been active in the international future research arena, created unique theories and methods. Her new book: *"The Future of Humanity - Global Civilization and China's Rejuvenation"*, published in 2018 (Intellect, Bristol, UK/Chicago, USA). She commits herself to combine future research with China's practice of socio-economic sustainable development. She has designed a model—"China

2050 and Early Warning System". It is widely known as the regional State of the Future Index (SOFI) and the Strategic Commander of Decision Makers. Over the years, her team persevere in improve and applied them to the future research of countries and regions.

Recently, she has listed as the "Global Professional Futurists" (the only Chinese mainland scholar among the 208 listed worldwide) by "Global Foresight org" (<http://www.globalforesight.org/go> to Foresight Professionals) and also listed as "World's Top Female Futurists" (the only Chinese scholar) by Ross Dawson (<http://rossdawson.com>, List of the world's top women).

LONG-TERM STRATEGIC MANAGEMENT: From 1996 to 2000, she was appointed by the National Science and Technology Commission as a member of the core working group of the S-863 Plan (2000-2010 National High-tech Research and Development Plan). She was also appointed as the Strategy Experts Team Leader of the S-863 Plan, and led the research on the strategy and operation mechanism of the 863 plan.

In 1995, she founded the "Center for Technology Innovation and Strategy Studies" and hosted a large number of research projects such as "National High-tech Research and Development Strategy" (asked by the Ministry of Science and Technology) , "Strategic Management and Institutional Innovation of Coalbed Methane Industry in China" (asked by 863 Plan), "Policy Research on Robot Development in China (asked by 863 Plan), "National Long-term Strategic System and Sustainable Development " (asked by CASS), etc. At the same time, through the above practical applications, she designed "Long-term Strategy Management System Model" adapted to the green development and serve for local decision makers. For example, "Long-term Strategy Management System and the 12th Five-Year Plan" and "Research on Strategic Management of 2030 Oriented Beijing Science and Technology Innovation Center"(asked by regional government),etc..

THE FUTURE BUSINESS MODEL: In order to meet the challenges of sustainable development at the enterprise level, she has introduced the Future 500 mechanism which is aiming at improving sustainability guiding enterprises to implement green business. It is intended to integrate the triple responsibilities of enterprises (economy, society and environment) into enterprise culture, to implement enterprise management, to set up good enterprises in different industries in the 21st century, and to hold the International Forum of the World's Future 500 in successive years. Through diagnosis, it has developed 8 world's future 500 China enterprises.

CHINA'S GENUINE PROGRESS & MEASUREMENT SYSTEM of POLITICAL PERFORMANCE: She is endeavoring to Beyond GDP and establishing Genuine Progress Indicator (GPI) system and improving performance measures of administrative achievements in China. This achievement has been widely publicized by the Science and Technology Daily, the Journal of the CASS, the Academy Journal of the Chinese Academy

of Sciences, the Overseas Edition of the People's Daily and the Forum of Chinese Party and Government Cadres of the Central Party School.

AMONG HER PUBLICATIONS, there are 17 monographs, 6 translated books, more than 20 joint publications; more than 30 national & regional research reports and hundreds of thesis.

1. MAJOR MONOGRAPHS include: 《Management and Enterprises Diagnosis, two volumes》, Beijing; 《Management Consultation on Industrial Enterprises》, Beijing; 《The Formulation, Methods and Cases of Management Strategy of enterprises》, Beijing; 《Soft Technology》, Tokyo; 《Soft Technology - The Essence and Space of Innovation》, Beijing and U.S.A; 《Service Innovation and Social Resource》, Beijing; 《Long-term strategy integration and sustainable development》, Beijing; 《Global Technological Change - From Hard Technology to Soft Technology》 (First Ed. & Second Ed.), UK, U.S.A. & China: 《What Kind of Future Does Humanity Need - The Global Civilization and China's Comprehensive Rejuvenation》, Hunan; 《The Future of Humanity - The Global Civilization and China's Rejuvenation》 UK, U.S.A., etc.

2. MAJOR JOINT PUBLICATION BOOK: 《Productivity and Economic Growth in China, USA and Japan》, Beijing; 《Knowledge Economics: Emerging Principles, Practices and Policies, Knowledge Economics》, U.S.; 《Protocol, Standard and Implement Guideline for Computer Integrated Manufacturing System (CIMS)》, Beijing; 《Plan and design of advanced manufacturing system》, Beijing; 《Knowledge Economy and Development of China》, Beijing; 《Knowledge Economy》, Beijing; 《Report on robot development strategy study - History, Technology, Industry, Standard and Policy》, two volumes, Beijing, etc.

3. MAJOR THESIS: 《Virtual Institute and Organization innovation》, London; 《Technology Driving Force for Sustainable Development - Principle of harmony and balance》, London; 《Technological Institution and Soft Technology》, Beijing; 《Passer de la representation du present a la vision prospective du future - <technology foresight>》, France; 《Technological Progress in History: Survey of Evolution and Shift of Emphasis From 'Hard-tech' to 'Soft-tech' Development》, London; 《Institutional innovation on Coal bed Methane industry》; 《The policy of robot development in China》; 《Soft Technology and Technology Innovation》; 《Soft technology, soft infrastructure and Knowledge economy》; 《From nation's soft power to soft power of enterprises》; 《Change the thinking model, to open another door of creative industries - opportunities and challenges》; 《Global Technological Change and Business Mode Innovation - The Abuliding Fourth Industrial Revolution》; 《From national soft power to corporate soft power》; 《A New Mindset for Corporate Sustainability》; 《Beyond the financial crisis: a way forward with development paradigm》, UK; 《Sustainable Development and Long-Term Strategic Management》, U.S.; 《Strengthening Public Sector Foresight》; 《Systematic solution to meet green economic

growth and sustainable development》, U.S.; 《Beyond GDP, Genuine progress indicators in China》; 《What kind of future do we need? - Reflections from China》

4. IN CHARGE OF RESEARCH PROJECTS: she led more than 30 important projects within 20 projects has asked by central government, ministry, Chinese academy of social sciences, or international organizations. For example:

“Research on the Reform program of Large and Medium-sized State-owned Enterprises”, proposed the Mixed Ownership Scheme of State-owned Enterprises for the first time in 1988 (asked by CASS); “Enterprise Evaluation and Consulting Support System”, “the Strategy Research for the Nation’s S863 Plan”, “Long-term strategy integration and sustainable development”, “National strategy for Petroleum and Natural Gas”, “Evaluation of Nation’s High-Tech Research & Development Plan”, “Assessment for The Breakthrough Project”, “Service innovation and NGO organizations in China”, “Strategic Management and Institutional Innovation on Coal bed Methane Industry”, “Green Car Development Guideline and Environmental Policy in China”, “Environmental strategy for transnational Auto companies”; “The water problem in China”, “ Robot Development Strategy Study of China”; “The water crisis (An advice to center government)”, “China GPI - Genuine Progress Indicator”, “GPI - Genuine Progress Indicator of Beijing City”, “Green Economy & Long-term Strategic Management System-a case study in a resource-based city”, “Research on strategic management of 2030 oriented Beijing science and Technology Innovation Center”, asked by local government, etc.

5. MAJOR COOPERATIVE RESEARCH PROJECT: more than 30 important projects including 《State of the Future》, The Millennium Project (Chinese version published every year from 1997-2011) ; 《National strategy for development of Petroleum and Natural Gas Industry》; 《Productivity and Chinese Economic Growth, Comparative Study of Productivity Among China, USA and Japan》; 《Technology Horizon Map of China》 (IFTF); 《Market economic environment and reforming of scientific research institutes》 (Asia Bank); 《Research on Zhongguancun (Beijing high tech park) innovation service system》; 《Development of West Region and China》; 《Global water scenario analysis》; 《World education for the future 30 years》; 《SOFI-State of the Future Index》; 《The Industrial transition of Natural mine resource type of cities》 (MOST); 《Long term strategy and sustainable development for ** city》, etc.

6. SOFTWARE COPYRIGHTS: She holds **two personal copyrights** on Enterprises Evaluation, Benefit and Risk Evaluating System for Technological Project.

7. CONSULTING AND DIAGNOSES: she was consulted and diagnosed over 40 Medium and Large Scale Companies; Vice President, Chinese Research & Consultation Corp. of Economic & Technology (1990-1993); She was senior advisor for over ten large and medium State-own companies (1980s and 1990s).

8. VOLUNTEER FOR POVERTY ALLEVIATION: During 1989-1999, as a volunteer,

she worked with Care Japan to help China's depressed area such as Tong County of Hubei Province, NanChong County of Sichuan Province, etc.

9. ACADEMIC EXPERIENCE:

She was a Member of Professional Evaluation Committee of Chinese Academy of Social Sciences (1992-2000), Guest Professor of University of Science and Technology of China (Hefei), Tsinghua University (Beijing).

She is a Guest Professor of Hohai University (Nanjing); Academic member of Shanghai Academy of Systematic Science; Adviser for Soft Power Research Center of JINAN University; Vice chairman of China National Committee for Pacific Economic Cooperation Business Forum; Expert member of Capital Institute of Science and Technology Development Strategy (2017-2020); Member of the UNIDO Green Industry Platform China Chapter Office Monitoring Review and Assessment Committee.

She is the President of China chapter of World Future Society(WFS); Member of Global Advisory Council of WFS; Planning Committee Member and Chair of China node of the Millennium Project; Member, The Club of Rome EU-Chapter; Research Fellow of World Business Academy (Ojai, CA, U.S.); Senior Research Fellow of IC2 Institute At Austin; Fellow of the WIF (World innovation Foundation); Member of the Research Advisory Board for "ETHICAL MARKETS" ITV; Member of Editorial Board, "AI & Society" in British, International Journal of "Technology Intelligence and Planning" in France, "World Future Review - A Journal of Strategic Foresight", etc.

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