

	<p>Jun Xia</p>	<p>CHINA</p>
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Prof. Jun XIA, born in China (1954), graduated in Wuhan University (WU), PhD on Hydrology in 1985 and the Professorship on Hydrology since 1991, Academician of Chinese Academy of Sciences (CAS) in 2015, and now Chair Professor & Director, Research Institute for Water Security (RIWS), Wuhan University. He is the Vice President, Chinese National Committee of IUGG, since 2016. Honorary Vice-President of IAHS and Chair of the Working Group on Representation of Developing Countries (WGRDC) for IAHS/IUGG since 2017.

Prof. Jun XIA is an outstanding scientist, whose innovative work on developing knowledge and strategies in hydrologic sciences of nonlinear system and its application to water management and sustainable development in China and the world, has made a major contribution to the international society. He made major scientific discovery in clarifying the time-variant runoff generation mechanism, finding nonlinear power laws and developing a time-variant gain model to quantifying general relationship of hydrologic gain for runoff generation, and promoting a new paradigm of hydrologic system approach in large basins to deal with on contradiction & conflict on scientific operation of flood control & water environment protection in density of water projects, and eco-water operation in river system of developing country. He plays a leading role on major professional water institutions through international cooperation on water-related activities, which have contributed to improved hydrological sciences application in the earth system and water governance in the world. He served as the President of International Water Resources Association (IWRA, 2009-2012), Vice President of the International Association of Hydrological Sciences (IAHS, 2004-2007), Board Governor of World Water Council (WWC, 2009-2015), and Co-Chair, InterAcademy Council for Water Programme (IAC-WP), and the member of Scientific Steering Committee for Global Water System Project (GWSP-SSC), Associated Editor, Journal of Hydrologic Engineering, ASCE and so on. His good publications with 420 technical papers and editor of 30 books international and Chinese, have had major impacts in improving understanding of hydrology, and water and environmental management practices in many parts of the world, including his great contribution on global water security issue as one of key leader authors for the Book, entitled Water and the Future of Humanity: Revisiting Water Security, published by Springer in 2013. He has awarded the International Prize for Outstanding Contributions to Water Management, given by The Third World Centre for Water Management (2011); State Natural Science Award in China (2017); International Hydrology Prize - Volker Medal (2014) for his “outstanding contributions to the sciences of Hydrology and application of his research and hydrological expertise to the benefit of society” by IAHS with the support of WMO and UNESCO, and IUGG Fellow (2019).