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**Education:**

PhD: **Swiss Federal Institute of Technology, Zurich, Switzerland** MS: **UNESCO-IHE, the Netherlands** BS: **China**

**General Areas of Expertise:**

1. Hydrology and water resources management 2. Global Environmental Change

**Short Bio:**

Dr. Junguo Liu is a professor at Southern University of Science and Technology (SUSTech) in China. His main research interests include hydrology and water resources management, global environmental change, and ecological restoration. He has earned an excellent international reputation through his contributions to the fields of water resources research and eco-hydrological restoration. Prof. Liu is author of over 120 peer-reviewed papers, including articles in Science (1), Nature (1), PNAS (2), Nature Climate Change (1), Nature Communications (1) and Nature Sustainability (1). He also has published 6 major books and numerous book chapters. His articles have been cited for about 4000 times.

**Five Representative Publications:**

1. Palmer M.A.\*, Liu J.\*, Matthews J.H., Mumba M., D'Odorico P., 2015. Manage water in a green way. Science 349 (6248): 584-585. (SCI, IF=37.205)
2. Liu J.\*, Mao G., Hoekstra A.J., Wang H., Wang J., Zheng C., van Vliet M.T.H., Wu M., Ruddell B., Yan J., 2018. Managing the energy-water-food nexus for sustainable development. Applied Energy 210: 377-381.
3. Liu J.\*, You L.Z., Amini M., Obersteiner M., Herrero M., Zehnder A.J.B., Yang H. 2010. A high-resolution assessment on global nitrogen flows in cropland. Proceedings of the National Academy of Sciences of the United States of America 107(17): 8035-8040.
4. Zhao X., Liu J.\*, Liu Q., Tillotson M.R., Guan D., Hubacek K., 2015. Physical and virtual water transfers for regional water stress alleviation in China. Proceedings of the National Academy of Sciences of the United States of America 112(4): 1031-1035.
5. Liu J.\*, Yang H., Cudennec C., Gain A.K., Hoff H., Lawford R., Qi J., de Strasser L., Yillia P.T., Zheng C., 2017. Panta Rhei Opinions: Challenges in operationalizing the water-energy-food nexus. Hydrological Sciences Journal 62 (11): 1714-1720

**FEWSTERN Symposium 2017 Presentation Title and Abstract:**

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