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Education:

PhD: **Peking University** MS: BS: **Zhejiang University**

General Areas of Expertise:

Environmental modelling

Short Bio:

Bin Chen is a professor of environment modelling at Beijing Normal University. He obtained B.E. degree in electrical engineering from Zhejiang University, and Ph.D. degree in environmental science from Peking University. Dr. Chen has published over 200 peer-reviewed papers in prestigious international journals such as PNAS, Trends in Biotechnology, and Nature Climate Change. He has 5 ESI-Most Cited Articles and 12 Top 25 Hottest Articles (Elsevier). His works are widely recognized and have more than 5000 citations with H-index of 40 according to Web of Science. He is serving as Editor-in-Chief of Energy, Ecology and Environment, Associate Editor of Journal of Cleaner Production, Frontiers of Earth Science, Subject Editor of Applied Energy, and an editorial board member of Ecological Modelling, Journal of Environmental Management, Journal of Hydrodynamics and Ecological Informatics, etc.

Five Representative Publications:

1. D.L. Fang, B. Chen* (2017), "Linkage analysis for water-energy nexus of city", Applied Energy, 189, 770-779.
2. J. Yang, B. Chen* (2016), "Energy-water nexus of wind power generation systems", Applied Energy, 169, 1-13.
3. S. G. Wang, B. Chen* (2016), "Energy-water nexus of urban agglomeration based on multiregional input-output tables and ecological network analysis: A case study of the Beijing-Tianjin-Hebei region", Applied Energy, 178(15): 773-783.
4. S.Q. Chen, B. Chen* (2016), "Urban energy-water nexus: a network perspective", Applied Energy, 184, 905-914.
5. B. Chen , Y. Lu (2015), "Urban nexus: a new paradigm for urban studies", Ecological Modelling, 318, 5-7.

FEWSTERN Symposium 2017 Presentation Title and Abstract:

Presentation title: Urban water resource management in a metabolism-nexus perspective