

Jianpeng (Jim) Zhou, Ph.D., P.E., BCEE

Title: Associate Professor and Chair

Department: Civil Engineering

Institution: Southern Illinois University Edwardsville

Email: jzhou@siue.edu Phone: 618-650-3221

Web URL:

www.siue.edu/engineering/civilengineering/faculty.shtml

1. What are your current 3 main areas of research?

- Life cycle assessment for environmental engineering application
- Green infrastructure for urban water management
- Wastewater treatment process analysis

2. What are the top 3 areas of expertise/tools you are looking for in a research collaborator?

- Statistical analysis
- Watershed scale hydrological and hydraulic modeling
- Laboratory analysis for wastewater research

3. What 3 skills/tools that you have access to, are you willing to share with a potential research collaborator?

- Life cycle assessment skills and tools
- Urban water study skills (monitoring, data analysis, and modeling)
- Municipal infrastructure research (wastewater treatment processes, international projects)