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Education:

- Rutgers-State University of New Jersey. Ph.D., Chemical Environmental Engineering
- Asian Institute of Technology. M.E., Environmental Engineering
- National Taiwan University, B.S.ChE., Chemical Engineering
- Registered Professional Engineer (P.E.) in Civil Engineering, North Carolina (#11327)
- Certified Professional Hydrologist (P.H.), American Institute of Hydrology (#671)

Research Interests:

- Integrated Watershed Management
- Energy and Environmental Economics
- Stormwater Management and Highway Runoff
- Pollution Control Technology
- Disaster Research and Management

Selected Publications:

- **Wu, J.S.**, H. Tseng, J. Ferrell and X. Liu. 2014. *Economic Modeling of Green Energy Production from Waste Management Facilities: the Catawba EcoComplex Case Study*. In Progress.
- **Wu, J.S.** and C.J. Allan. 2014. *Stormwater Characterization from Roadways with Open Graded Friction Course Surfaces*. NCDOT Final Report. 149pp.
- H. Tseng, **J.S. Wu** and X. Liu. 2013. *Affordability of Electric Vehicles: Economic and Environmental Analysis*. Energy Policy. 61:441-447.
- **Wu, J.S.**, J. Han and S. Annambhotla. 2005. *Artificial Neural Networks for Forecasting Urban Watershed Runoff and Stream Flows*. J. of Hydrologic Engrg., ASCE. 10(3):216-222. Cited by 71.
- **Wu, J.S.**, W.G. Langley and A.C. Chao. 2001. *Reaction Kinetics of Immobilized Cell Denitrification: I. Background and Model Development*. J. of Env. Engrg., ASCE, 127(8):682-688. Cited by 10.

- **Wu, J.S.**, C.J. Allan W.L. Saunders and J.B. Evett. 1998. *Characterization and Pollutant Loading Estimation for Highway Runoff*. J. of Env. Engrg., ASCE 124(7):584-492. Cited by 247.
- **Wu, J.S.**, R. Holman and J. Dorney. 1996. *Systematic Evaluation of Pollutant Removal by Urban Wet Detention Ponds*. J. of Env. Engrg., ASCE 122(11):983-988. Cited by 74.