Huijie Zhang

Personal Information

Address:	34 University Drive Port Jefferson Station, NY, 11776
Phone:	(631)413-6686
Email:	wszhj2008@gmail.com

Education

2015.08-2017.02	M.A., Stony Brook Univerisity Major: Applied Ecology & Evolution Thesis: "The Interaction between Elevated CO2 and Competition: a Meta-analysis" Advisor: Prof. Jessica Gurevitch GPA: 3.92/4.0
2011.09-2014.06	M.S., Huazhong Agricultural University Major: Ornamental Plants and Horticulture Thesis: "An Application of Multi-Attribute Decision Making for Evaluating Industrial Heritage in Nananzui and Guibei Area of Wuhan" Advisor: Prof. Chi Gao GPA: 82.48/100
2007.09-2011.06	B.S., Huazhong Agricultural University Major: Landscape Gardening Thesis: "The Stormwater and Wastewater Management" Advisor: Prof. Yan Du GPA: 3.53/4.0 (1/31, 3/130)

Publications

1. The Interaction between Elevated CO2 and Competition: A Meta-analysis
   Huijie Zhang, James Pustejovsky, Jessica Gurevitch (in prepare).
2. The Application of the Stormwater and Wastewater Management in the Lakes Protection Planning of Wuhan City: Case Study of Yangchun and East Lake Connection Park Planning and Design of the Water Network Connection Project of East Lake in Wuhan City
   Huijie Zhang, Chi Gao and Yan Du, in **Chinese Society of Landscape Architecture (CHSLA) Annual Summit**, 2013 (Best Paper Award).
3. A Brief Discussion of the Heritage of the Campus Context in College Environment: with the Instance of Wuhan College Campus Environment
   Huijie Zhang, Hongfei Qiu, **Huazhong Architecture**, 2010.

Awards and Honours

1st Prize, Planning Work, "Yuan Ye Award" International Landscape Architecture Graduate Student Design/Thesis Competition, 2011
National Scholarship (Top 1.5%), 2007-2010
Gold Award, "Challenge Cup" Business Plan Competition for College Students, Hubei Province, 2010
3rd Prize, College Students Excellent Scientific Research Achievements Award, Hubei Province, 2010

Research Experince

2015.10-2017.02 **The Interaction between Elevated CO2 and Competition: a Meta-analysis**
The study conducts a factorial meta-analysis aiming to synthesize the effects of elevated CO2, competition, and their interaction on aboveground growth or biomass across 88 case studies from 20 different articles. The main effects of elevated CO2, competition and their interactions are compared, and the heterogeneities between studies are analyzed.

2013.07-2014.06 **An Application of Multi-Attribute Decision Making for Evaluating Industrial Heritage in Nananzui and Guibei Area of Wuhan**
The study analyzes 29 MADM methods and sets up guidelines for method selection. It builds the industrial heritage evaluation model and assesses the industrial heritage in Nananzui and Guibei area with the MAVT, ELECTRE III, PROMETHEE I and PROMETHEE II methods. A comprehensive evaluation of this area is proposed based on the results of four methods and sensitivity analysis.

2012.09-2013.01 **Conceptual Master Plan of the 10th China (Wuhan) International Garden Expo**
The study assesses the ecological sensitivity of the site to decide landuse form. It explores the ecological rehabilitation method of landfills, constructs transportation landscape infrastructure system to solve the traffic problems, and researches the sustainable way of the garden expo.

2011.03-2011.06 **Yangchun and East Lake Connection Park Planning and Design of the Water Network Connection Project of East Lake in Wuhan City**
The study explores the application of the stormwater and wastewater management in the lake protection planning of wuhan city, and the ecological rehabilitation methods for lakes and landfills.

Skills

R, Python, Matlab, C/C++, ArcGIS, ERDAS Imagine

Language

GRE: Verbal:151 Quantitative:167 AW:3.0