

# YANG WANG

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## RESEARCH OF INTERESTS

My research covers a range of topics in Landscape Architecture and Urban Planning and Environmental Sustainability, mostly from data-driven perspectives. In addition, I am also interested in how urban environmental designs impact the sustainability of natural and social environments. My current projects are focused on how specific spatial configurations of vacant urban land could influence storm water runoff mitigation.

## EDUCATION

- Master of Urban & Regional Planning*** May 2020  
College of Architecture & Urban Studies, Virginia Tech – Blacksburg, VA, USA
- Master of Landscape Architecture*** May 2014  
College of Architecture, Design and Construction, Auburn University – Auburn, AL, USA
- Bachelor of Environmental Art Design*** June 2008  
College of Fine Arts, Capital Normal University – Beijing, China
- Bachelor of Art & Junior College Degree*** June 2008  
College of Fine Arts, Capital Normal University – Beijing, China

## RESEARCH EXPERIENCE

- Research Specialist*** January 2016 – October 2016  
*Investigation and Analysis the Building Information Modeling (BIM) transform Landscape Building Information Modeling (LIM)*  
Greenview Landscape Design Limited, Beijing, China  
Concentrated Area: case study of rational analysis in landscape planning of the United States
- Research Specialist*** October 2016 – December 2016  
*Investigation and Analysis of the Spatial Patterns of Urban Expansion in Beijing, China*  
Greenview Landscape Design Limited, Beijing, China  
Concentrated Area: Applies the integrated method of Remote Sensing and GIS to examine the dynamic changes, spatial patterns, traffic locations, barycenter migrations, allometric growth and driving mechanism of urban land expansion in Beijing, China
- Research Specialist*** January 2016 – June 2016  
*Data Mining and Quantitative Statistical Analysis that can be used in Landscape Post – Occupancy Evaluation*

Greenview Landscape Design Limited, Beijing, China  
Concentrated Area: Applications of variance analysis, and correlation analysis which was frequently used in landscape assessment work, aiming at finding scientific-practical methods to Landscape Post – Occupancy Evaluation

**Research Coordinator and Project Manager** December 2015 – March 2016

*Investigation and Analysis of Overall Suburban Park Planning in Beijing Area, China*

Greenview Landscape Design Limited, Beijing, China

Concentrated Area: research on urban greenway by applying GIS analysis between year of 1991 and 2005, and research on relationships between human behavior and the built sustainable environment

**Research Specialist** June 2015 – January 2016

*Initial Exploration of Landscape Architecture of the United States – Focusing on Philosophies of Scientific Research*

Greenview Landscape Design Limited, Beijing, China

Concentrated Area: case study of rational analysis in landscape planning of the United States

**Research Assistant and Project Manager** August 2013 – December 2013

*Pilot Study of Ecological Restoration Planning – Investigation of Current Greenland by applying a GIS analysis in Haikou City, China*

Beijing ECOLAND Planning and Design Corp, Beijing, China

Concentrated Area: GIS analysis and quantitative data analysis of railways, expressways, hyper tension cable corridors, areas of villages, water systems and mine areas

**Research Assistant** May 2011 – May 2014

*Mississippi Riparian Landscape Investigation*

College of Architecture, Design and Construction, Auburn University – Auburn, AL, USA

Concentrated Area: data collection and map analysis

## **WORK EXPERIENCE AND INTERNSHIP**

**Chief Designer** January 2015 – July 2017

GREENVIEW Landscape Design Limited, Beijing office, China

*Selected Projects:* Suburban park landscape design (research) in Beijing, China

Residential area landscape design of Yushuwan in Zhangjiakou City, China

*Responsibility:* site research analysis, concept design, design development

**Design Director** June 2014 – January 2015

Beijing DNL Landscape Design Company, Beijing, China

*Selected Project:* Ecosystem wetland park of Longtan Yu, Jin Cheng, Shanxi, China

*Responsibility:* project management

**Project Manager** August 2013 – December 2013

Beijing ECOLAND Planning and Design Corp, Beijing, China

*Selected Project:* Landscape urban planning of Sanya in Hainan, China

*Responsibility:* project management, master plan design, and graphic draft

***Summer Intern***

Summer 2013

EDSA, Fort Lauderdale, USA

*Selected Project:* Riparian landscape of Yushu Bay, Sanya, China

*Responsibility:* site design, and graphic draft

**PUBLICATIONS**

**JOURNAL ARTICLES**

Yang Wang. (2016). A Preliminary Study of the American Landscape Planning under the Guidance of Pure Rationalism. *Journal of Green Science and Technology (China)*, 17, 158 – 160. ISSN 1674 – 9944, Article Number: 001617145 ***Impact Factor: 0.224***

Yang Wang. (2016). An Elastic Way of Urban Planning – Planning of Vacant Land in Cities. *Journal of Green Science and Technology (China)*, 18, 164 – 166. ISSN 1674 – 9944, Article Number: 001618340 ***Impact Factor: 0.224***

Yang Wang. (2016). A Research on Planning of Country Parks – A Preliminary Study of Country Parks in Beijing. *Xiandai Horticulture*, 10/2016. ISSN: 1006 – 4958.

**BOOK**

Song, L., Xie, M., & Wang F., WANG Yang (2007). *Visual Analog Scale in Landscape Design*. Beijing, China Architecture & Building Press. ISBN 7112094151, 9787112094158.

**HONORS**

The Honor Society Sigma Lambda Alpha April 2012  
College of Architecture, Design, and Construction, Auburn University – Auburn, AL, USA

Excellent Graduate Thesis June 2008  
College of Fine Arts, Capital Normal University – Beijing, China