

# Zheng Hua

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## Areas of Research

Landscape design, Community garden, Urban agriculture, Environmental health.

## Contact Information

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## Research Interests

### Community garden, Urban agriculture, Environmental health

Some of the problems we are currently working on are described below:

#### 1. Community garden

As cities seek to become more livable and environmentally friendly, activities such as cycling, walking, and urban gardening (home and community gardening) have received increasing attention. However, few field studies measure the well-being of urban gardening, especially in the context of home gardening. Our research compares urban gardening with other leisure and daily activities. We also explored how gardening activities change between gardener types (vegetables and ornamental plants), demographics, community types, and partnerships during the gardening process.

#### 2. Urban agriculture

Nowadays, more than half of the world's population is living in cities for the first time. In many developing countries, the process of urbanization has been accompanied by increased urban poverty and pollution; increased food insecurity and malnutrition, especially for children, pregnant women, and nursing mothers; and increased unemployment. Urban agriculture offers opportunities to improve food access, health, local economies, social cohesion, and environmental sustainability. Urban agriculture exists around the world in a variety of farming practices. We discuss the definition, benefits, and limitations of urban agriculture.

#### 3. Environmental health

Although it is commonly acknowledged that social and environmental factors interact to produce racial and ethnic environmental health disparities, it is still unclear how this occurs. Psychosocial stressors can lead to acute and chronic changes in the functioning of body systems (e.g., immunity) and also contribute directly to disease. We also argue that community stress is caused by differences in the experiences of residents in terms of isolation, exposure to pollutants, and access to community resources.

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## Education Background

**Bachelor:** Wu Han University

**Master:** Southeast University

**Doctor:** Chiba University (is studying for PHD)

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## Work experience

Lecturer, College of Horticulture, Nanjing Agricultural University, 2008-

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## Honors and Awards

Excellent instructor, 2018 YUAN YE AWARD INTERNATIONAL COMPETITION

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## Selected Publication

Zheng Hua, Tao Liang. Probes into pedestrian space design of open spaces in Binjiang. ShanXi Architecture, 2007.(22):57

Zheng Hua. The Reflection and Revelation from the French Landscape in Late 20th Century. GuangDong forestry science and technology, 2010.(2):87-92

Zheng Hua. A Preliminary Investigation On the planning of the scenic sites on buddhist . Architecture and culture, 2010.(05):096-097

Zhang Qinghai, Zheng Hua. Investigation and Research on Embassy Buildings and Affiliated Gardens of the Republic of Nanjing. FengHui, 2016.(09):68-71

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