

● Xu Zhanyang

PhD Candidate

College of Water Resource, Shenyang Agricultural University

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● work Experience

September 2016-present: College of Water Resource, Shenyang Agricultural University. Teaching, Research and Extension

● Education

September 2015 - present PhD Agricultural Water and Soil Engineering,
College of Water Resource, Shenyang Agricultural University

Dissertation: The study of auxiliary heating system of
burning cave in greenhouse

Supervisor: Prof Wang Tieliang

September 2012 – June 2015 M.E Agricultural Water and Soil
Engineering, College of Water Resource,
Shenyang Agricultural University

Dissertation: The study of auxiliary heating system of solar
energy in greenhouse

Supervisor: Prof Liu Wenhe

September 2008 – June 2012 B.E. Water Source and Hydropower
Engineering, Shenyang Agricultural
University

● **Teaching**

2016 – present Architectural Drawing

● **Research Direction**

The environment control of greenhouse

● **Honours and Awards**

The third prize scholarship of Shenyang Agricultural University, 2011

Excellent student cadre of Shenyang Agricultural University, 2012

The second prize scholarship of Shenyang Agricultural University, 2014

Excellent student of Shenyang Agricultural University, 2015

The third prize scholarship of Shenyang Agricultural University, 2017

● **Publications**

1. Liu Wenhe, Xu Zhanyang. The experimental study on the ecological greenhouse solar assisted heating system. Northern horticulture, 2014(24):43-48
2. Liu Wenhe, Yang Yingying, Xu Zhanyang. Simulation study on cooling system structure optimization of greenhouse based on CFD. Journal of irrigation and drainage, 2016, 35(4):8-13
3. The Simulation Of Air Flow In Burning Cave Of Auxiliary Heating System In Greenhouse. Transactions of the ASABE