

CURRICULUM VITAE

LANXIN HU

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EDUCATION BACKGROUND

M.S 2014 *Environmental Science*, East China Normal University, Shanghai, China, Resource and Environmental Science.

B.S 2011 *Environmental Science*, Liaoning University of Technology, Jinzhou, Liaoning, China, Chemical and Environmental Engineering.

PUBLICATIONS

Hu Lanxin, *Research on the Preferences of the Public for Suzhou River Landscape in Shanghai City* was published by Environmental Science & Technology of Professional Core Journal in China, [J] 2014, v.37 (S1) 412-418

RESEARCH EXPERIENCES

2015.10-PRESENT Housatonic Valley Association (HVA) flood risk evaluation CT, U.S.A
Participants, *Research on flood frequency in Housatonic basins*, Emmanouil N. Anagnostou (advisor)

- Verify models simulations with comparison to historic floods in project area;
- Determine peak flows and flood frequency from 1979 to 2012 depending on different return years;
- Based on data collected by HVA in the field, determine rating culverts for selected road/stream crossings.
- Generate risk-of-failure (overtopping) information for each crossing at each assessed recurrence interval

2011.09-2014.03 Shanghai Technology Innovation Action Plan Shanghai, China
Participants, *Research on Algae Change Laws and Biological Pre-Control Key Technologies in Qingcaosha Reservoir*, a key technological project in the social development field

- Collected water samples monthly from different water places;
- Made an analysis on algae quantity and type;
- Made a report for the water quality and proposed countermeasures for the future with Eviews.

2011.09-2012.06 Shanghai Water Authority Shanghai, China
Project Leader, *Investigation on Municipal and Green Tap Water in the Central Urban Area*, CHE Yue (advisor)

- Analyzed and compare domestic and foreign water consumption for fire hydrant and greening;
- Researched on green water consumption in 18 parks of Shanghai;
- Interviewed management staffs to collect data for the water consumption in recent years;
- Made the field-investigation results to complete a report to Shanghai Water Authority

2012.07-2014.01 Shanghai Aerospace Science and Technology Industry Investment Management Co., LTD Shanghai, China
Participants, *The Environment Assessment on Shanghai National Civil Aerospace Industrial Base Planning*, YANG Kai (advisor)

- Took charge of writing the report *Analysis on Environmental Impact of the Zero Plan*;
- Visited the public in Pujiang Town to completed 280 questionnaires for personal opinions and suggestions;
- Presented the completed report in the Expert Appraisal Meeting held by Shanghai Research Institute of Chemical Industry.

2012.05-2013.05 Shanghai Water Conservancy Management Shanghai, China

Project Leader, *Water Census of Shanghai City*

- Determined water census spots in districts and counties based on fair and universal principles and designed the investigation form;
- Made verifications to gates, sewage draining exits and water pump locations according to the reported data of districts and counties;
- Made records when meeting inconsistent situations and contacted local governmental officers;
- Summarized collection data to submit a report to Shanghai Water Conservancy Management.

2012.04-2014.04 National Natural Science Foundation of China Shanghai, China

Participants, *Systematic Study on the Household Garbage Reduction and Classification Policy of Shanghai*

- Analyzed the policies of household garbage reduction and classification between domestic and foreign countries;
- Made a survey of garbage classification policies and capital investment in the eight central areas of Shanghai.

2011.04-2013.12 Shanghai Science and Technology Key Project Shanghai, China

Participants, *Rural Distributed Domestic Sewage Treatment Technology Assessment*

- Analyzed the methods of domestic sewage treatment and technical means in rural areas;
- Made a survey of the methods of domestic sewage discharge in Shanghai.

INTERNSHIP EXPERIENCE

2013.03-2013.07 Shanghai Water Conservancy Management Shanghai, China

Verifier

- Sorted out the water census materials of all districts and counties of Shanghai;
- Checked the accuracy of information;
- Removed unqualified information and prepared the census report.