



# Tsinghua University

School of Architecture, Beijing, 100084, P. R. China

## Letter of Recommendation

Dear Admission Committee,

As the vice dean of School of Architecture, Tsinghua University, I deem it a great pleasure to write this reference letter for Miss LIN Yiwei, an excellent student in the Department of Building Science, Tsinghua University. Hope her application for your prestigious university would be favorably considered.

I taught Miss. Lin two courses: *Built Environment*, *Air-conditioning and Refrigeration*. Being diligent and industrious, she had earnest attitude and excellent performance on these courses. Especially on the course of *Built Environment*, she passed the examination with a high score and made an excellent oral presentation for the final assignment. Undoubtedly, her understanding of the knowledge in this course, the good habit and exploring attitude cultivated from those assignments all provided her a solid background for further researches on sustainable building.

With immense interest in sustainable building, she was desirous to learn more about the building technologies and architecture. During the course *Built Environment*, she took the initiative in participating in research group that Prof. Jan Sundell (*Jan Sundell is the Visiting Professor of Tsinghua University and was the editor-in-chief of Indoor Air*) and I took charge of, which was quite commendable for an undergraduate. She participated in the research project "*The Effects of Classroom Ventilation on the Mental State of Students*". The project was quite challenging for sophomores since it required knowledge about questionnaire design, use of instruments and of the statistical software, SPSS. All of these topics need a lot of work, but Yiwei managed to do it quite easily and her work had been highly acclaimed by Prof. Sundell, which demonstrated her strong research potentials. She also held a precise and meticulous attitude toward experiments and simulation and put forward some original ideas, which did earn my high appreciation.

At her third year of university, Yiwei joined the Green Building research group and made further exploration under Prof. LIN Borong's and my instruction. It was natural that her research and practical abilities were greatly promoted through constant study and some achievements were made. She made a comparison of LEED and China's 3-star Green Building Rating System, and then conducted a case study on the energy use and indoor environmental performance under the LEED system and under China's 3-star system. I strongly deem that those researches created a solid foundation for her to begin the further study of sustainable building design and analysis. Recently, cooperating with PhD candidate Peng Chen, she developed a quantitative description method for human behavior in residential buildings using DeST, which really impressed me with her high enthusiasm in this research field. Besides, Yiwei took plenty of her spare time learning to master the simulation software systems, such as DeST, eQUEST and EnergyPlus. Learning those simulation tool by oneself is quiet difficult but Yiwei managed to grasp the knowledge and skills in this field within a short time. That absolutely indicated her excellent ability to study new and compelling things.

Her work performance, and strong interest in sustainable building technologies show that she will be a great graduate student. Therefore I would like to strongly recommend her to your prestigious university without reservation, because I hope she could keep her enthusiasm in this research field and pursue further study abroad. If you need any further information, please feel free to contact me.

Sincerely yours,

ZHU Yingxin, Dr., Professor, Associate Dean

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