

He Shuyu 何书玉

PhD Student

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## **Education**

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- Master of Civil Engineering  
University of Macau 2015.08~2018.06
- Bachelor of Civil Engineering  
University of Macau 2011.08~2015.06

## **Publications**

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- Wan-Huan Zhou, Shu-Yu He, Ankit Garg, Zhen-Yu Yin(2019) Field monitoring of suction in the vicinity of an urban tree: exploring termite infestation and the shading effects of tree canopy. Acta Geotechnical.
- Shu-Yu He, Wan-Huan Zhou, Ankit Garg. (2018) Spatial Variation of Soil Suction and Radiant Energy Around a Tree Vicinity in an Urban Green Infrastructure. Proceedings of the 2nd International Symposium on Asia Urban GeoEngineering pp 665-675

## **Research Interests**

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- Field monitoring
- Model based machine learning and intelligent maintenance

## **Projects**

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- Intelligent Maintenance of Infrastructure
- Field monitoring of suction in the vicinity of an urban tree
- Analysis of Stress distribution inside of soil

- Final year project: Effect of vibration force on cracked FGM plate

### **Selected Awards & Honors**

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- Best Poster Award, Bronze Prize, 6TH INTERNATIONAL FORUM ON OPTO-ELECTRONIC SENSOR-BASED MONITORING IN GEO-ENGINEERING (Nov. 4<sup>th</sup>, 2017)

### **Academic Services**

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- No academic services