

Curriculum Vitae

Yubo PENG

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EDUCATION

- 2016-2018 **M.URP. University of Florida, U.S.**
College of Design, Construction and Planning
Department of Urban and Regional Planning
* Certificate of Geographic Information Systems
- 2011-2016 **B.Eng. Tongji University, China**
College of Architecture and Urban Planning
Department of Urban and Rural Planning

RESEARCH INTERESTS

Environmental Planning
Social Equity & Social Justice in Environmental Planning
Urban Ecology
Socio-Ecological System
Adaptation Planning for Climate Change
GIS and Remote Sensing
Machine Learning Application in Urban Planning

PUBLICATION

Song, X., Gao, Y., Peng, Y., Huang, S., Liu, C., & Peng, Z. (2019). A machine learning approach to model spatial variations of daily fine particulate matter (PM2.5) and nitrogen dioxide (NO2) in Shanghai, China. *Environment and Planning B: Urban Analytics and City Science*. Manuscript submitted for publication.

WORK EXPERIENCE

- 2017 **Shanghai Tongji Urban Planning & Design Institute (Internship)**
Projects: -Hengsha Island, Shanghai, China

- City of Tangyin Comprehensive Plan, Henan, China
- 2018 **Shanghai Tongji Urban Planning & Design Institute** (Internship)
Projects: -Jinxiang County Comprehensive Plan, Shandong, China
-Juye County Comprehensive Plan, Shandong, China
- 2019 **Shanghai Tongji Urban Planning & Design Institute**
Projects: -Hainan Province Territory Plan, China
-Kashkar Prefecture Territory Plan, Xinjiang, China
-City of Wenzhou Territory Plan, China
-Ganjingzi District Territory Plan, City of Dalian, Liaoning, China
-Hunan Urban Agglomeration Metropolitan Area Strategic Plan, China

HONORS & AWARDS

- Second Prize of the University Scholarship (2012)
- Third Prize of the University Scholarship (2013)
- Third Prize of the University Scholarship (2015)
- Second Prize of the 6th ZHIXING Cup Shanghai Social Practice Contest for Undergraduate (2014)
- Advanced Individual of Shanghai Undergraduate in Social Practice (2014)
- Advanced Individual of Tongji Undergraduate in Social Practice (2014)
- Third Prize of Haiyong Town “Beautiful Villages” Planning Contest (2015)

MEMBERSHIP

- American Planning Association (APA)
- International Center for Adaptation Planning and Design (iAdapt)

TECHNICAL SKILLS

- GIS & Remote Sensing: ArcGIS, QGIS, ERDAS IMAGINE, Global Mapper
- Cartography & Mapping: AutoCAD, Adobe Photoshop, Illustrator, InDesign
- Programming: Python
- Statistics: SPSS, R
- Architectural Modeling: SketchUp, V-Ray;
- Sea Level Rise Modeling: SLAMM