

## Yi-Jie (Frank) Zhu

School of Geosciences  
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### EDUCATION

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<b>M. EnvSci.,</b>	Climate Change Impact Assessment, University of Toronto	2017
<b>B.S.,</b>	Earth Science and Business, University of Waterloo	2016
<b>B.B.A.,</b>	Earth Science and Business, China University of Geosciences, Beijing	2016

### RESEARCH EXPERIENCE

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<b>Research Assistant,</b>	Department of Earth and Environmental Sciences, University of Waterloo <i>Project: Energy Cell Approach for Hazards Assessment on North Atlantic Ocean</i>	2017-2018
<b>Master Thesis,</b>	Department of Physical and Environmental Sciences, University of Toronto <i>Project: Establishing a Climate Service-Delay Baseline for a Regional Transportation Network in Southern Ontario: Analysis of Historic, Weather-Induced Regional Transit Delays as a Foundation for Climate Impact Assessment</i>	2016-2017
<b>Undergraduate Thesis,</b>	Department of Earth and Environmental Sciences, University of Waterloo <i>Project: Northwestern Pacific Typhoons and Earthquakes in the Philippines, 1959 – 2013: An Assessment of Hazards Properties and Corresponding Impacts</i>	2015-2016

### PUBLICATION

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**Zhu YJ.,** Evans S.G. (2019) Mapping Tropical Cyclone Energy as an Approach to Hazard Assessment. In: Collins J., Walsh K. (eds) Hurricane Risk. Hurricane Risk, vol 1. Springer, Cham

### CONFERENCE ABSTRACT

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**Zhu YJ.,** Evans S.G. (2018). "Mapping a typhoon energy cell in the NW Pacific - Implications for geohazard risk in the Philippines." AOGS-EGU Joint Conference, Tagaytay, Philippine, February 5-8, 2018.

**Zhu YJ.,** Evans S.G. (2017). "Hazard (Earthquake and Typhoon) Energy - Impact Interactions in the Philippines 1959-2013." American Association of Geographers (AAG) Annual Meeting, Boston, MA, April 5-9, 2017

## HONOR AND ASSISTANTSHIP

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<b>Graduate Assistantship</b> , University of South Florida	2018-2019
<b>Research Assistantship</b> , University of Waterloo	2017-2018
<b>Research Paper Fellowship</b> , University of Toronto	2016-2017
<b>Graduate Student Travel Grant</b> , University of Toronto	2017
<b>Teaching Assistantship</b> , University of Toronto	2017
<b>Term Dean's Honor List</b> , University of Waterloo	2015, 2016
<b>Chinese Universities Program Scholarship Award</b> , University of Waterloo	2014
<b>Second Prize Professional Scholarship for Outstanding Students</b> , China University of Geosciences	2014
<b>National Scholastic Undergraduate Student Innovative Training Program</b> , China University of Geosciences	2014
<b>Second Prize National Oceanic Knowledge Competition</b> , State Oceanic Administration, People's Republic of China	2012

## TEACHING EXPERIENCE

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<b>Teaching Assistant</b> , EVR4114 Climate Change, University of South Florida	2019Summer
<b>Teaching Assistant</b> , EVR2001 Introduction to Environmental Science, University of South Florida	2018Fall, 2019Spring
<b>Teaching Assistant</b> , EESB02 Principle of Geomorphology, University of Toronto	2017Spring

## PROFESSIONAL SERVICE AND AFFILIATION

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**Secretary**, West Central Florida Chapter of the American Meteorological Society  
**Corresponding Secretary**, West Central Florida Chapter of the American Meteorological Society  
**Member**, American Meteorological Society  
**Member**, American Association of Geographers

## SELECTED COURSE LIST

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<b>Multivariate Statistical Analysis</b> , University of South Florida	2018
<b>Advanced Remote Sensing</b> , University of South Florida	2018
<b>Socioeconomic Applications of GIS</b> , University of South Florida	2018
<b>Advanced Techniques in GIS</b> , University of Toronto	2018
<b>Applied Climatology</b> , University of Toronto	2017
<b>Climate Change Impact Assessment</b> , University of Toronto	2017
<b>Climate Change Science and Modelling</b> , University of Toronto	2016
<b>Climate Data Analysis</b> , University of Toronto	2016