

ZHUOLAI PAN

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RESEARCH INTEREST

Remote Sensing, Glaciology, Polar Climate, Machine Learning

EDUCATION

The Pennsylvania State University, University Park Aug 2020 - May 2022
M.Sc - Geography

The Pennsylvania State University, University Park Aug 2016 - May 2020
B.Sc - Earth Sciences
Minor 1: Geographic Information Science 2: Energy Business and Finance

RELEVANT EXPERIENCE

Research Assistant Sep 2019 - Present
The Pennsylvania State University, Department of Geography
• Drainage and filling of supraglacial lakes and their influence on ice sheet dynamics
• Quantifying surface melt and supraglacial lakes using satellite-based observations

GIS Intern July 2019 – Aug 2019
Lower Paxton Township Harrisburg, PA

Volcanology Geological Field Camp June 2018 – Aug 2018
USGS Hawaii Volcano Observatory / University of Hawaii at Hilo Island of Hawaii, HI

TECHNICAL SKILLS

Skills	Python, R, Matlab, Bash, SQL, L ^A T _E X
	ArcGIS Pro, Google Earth Engine, QGIS, Adobe Creative Suite, Tableau
Languages	Chinese, English

PRESENTATIONS

Penn State University 2020 Undergraduate Research Exhibition Apr 15-17, 2020
Dynamics of supraglacial lakes drainage on Amery ice shelf, East Antarctica

AFFILIATION

American Geophysical Union, Member 2020 July - Present

HONORS AND AWARDS

First Place in Physical Sciences (Penn State University 2020 Undergraduate Research Exhibition)
Benjamin F. Howell Award in Geosciences
Dean's List (Fall 2018, Spring 2019, Fall 2019, Spring 2020)

VOLUNTEER AND INVOLVEMENT

21st RBC Golf tournament in support of the Multiple Sclerosis Society	Photographer
Canadian Cancer Society – Relay for Life 2018	Floater
Getty Images - iStock	Contributor