

PENGCHENG ZHANG

Scripps Institution of Oceanography, UC San Diego

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Education

Ph.D., Oceanography, Scripps Institution of Oceanography, La Jolla, CA, USA. Sept. 2020 – present

B.S., Atmospheric Science, Peking University, Beijing, China. Sept. 2016 - Jul. 2020

• **Thesis:** Dynamics of Coastal Low-Level Jets.

Selected Presentations and Conferences

- “New Insights into the Dynamics of Coastal Low-Level Jets: a Vorticity Perspective” (talk), California Geophysical Fluid Dynamics (CalGFD) Meeting, Virtual, August, 2020;
- “Dynamics of Coastal Low-Level Jets” (poster), American Geophysical Union (AGU) Fall Meeting, Virtual, December, 2020.

Teaching

Spring 2022 **Teaching Assistant** SIO 173: Dynamics of the Atmosphere and Climate

Department Seminars

2022 Scripps Institution of Oceanography

Selected Awards and Honors

Regents Fellowship of Scripps Institution of Oceanography (32,000 USD), 2020;

PKU Scholar in Physics of Peking University (3,000 CNY), 2020;

Merit Student of Peking University, 2019;

Founder Scholarship of Peking University (5,000 CNY), 2019;

First Prize, **34th Physics Competition for Undergraduates**, China, 2017;

First Prize (Top 100 in China), **32nd Chinese Physics Olympiad, Final**, China, 2015;

First Prize (4th place among >300,000), **32nd Chinese Physics Olympiad, Semi-finals**, Shandong Province, 2015.

Additional Information

Languages:

Mandarin (native), English (fluent);

Programming/Computer Skills:

Python, NCL, Julia, C/C++, LaTeX, FORTRAN, CESM.