

UCHIDA, Takaya

Office Address

Lamont-Doherty Earth Observatory
205A Oceanography 61 Route 9W
Palisades, NY 10964-8000
takaya@ldeo.columbia.edu
<https://roxyboy.github.io>

Education

Doctor of Philosophy, Physical Oceanography
Columbia University in the City of New York, New York, NY
GPA 3.86
May 2019 (projected)

Bachelor of Engineering, Environmental Engineering
The University of Tokyo, Tokyo, Japan
GPA 3.71
March 2014

Publications and Oral Presentations

- Uchida, T., R. Abernathey, G. McKinley, S. Smith, D. Balwada and M. Lévy. Seasonality of (sub)mesoscale turbulence in the Southern Ocean and its impact on primary production. *AGU Fall Meeting*, December 2018. Washington D.C., USA.
- Uchida, T., R. Abernathey and S. Smith. Idealized study of seasonal dynamics in the Southern Ocean. *Gordon Research Conference*, June 2018. Andover, USA.
- Khatri, H., T. Uchida, and D. Balwada. Ocean surface spectral fluxes of kinetic energy, enstrophy and buoyancy variance from a earth system model. *Gordon Research Conference*, June 2018. Andover, USA.
- Uchida, T., R. Abernathey and S. Smith. Seasonality of eddy kinetic energy in an eddy permitting global climate model. *Ocean Modelling*, 2017. vol. 118, pp. 41-58.
- Uchida, T., R. Abernathey and S. Smith. Mixed-layer instability as a source of surface kinetic energy in the seasonal cycle in a global climate model. *AMS 21st Conference on Atmospheric and Oceanic Fluid Dynamics*. June 2017. Portland, USA
- Uchida, T. and R. Abernathey. Seasonality in ocean mesoscale turbulence in a high-resolution global climate model. *Ocean Sciences Meeting*. February 2016. New Orleans, USA.

Honors and Awards

- Scholarship from the Heiwa Nakajima Foundation, a private foundation in Japan, from September 2014 - August 2016.