

# 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

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

March 2014

## Publications and Oral Presentations

- 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.