

CI ZHANG

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EDUCATION

Columbia University M.A. Climate and Society	New York, New York Oct. 2016
China University of Geosciences B.S. Geology	Wuhan, China Jun. 2015

APPOINTMENTS

Research Assistant Department of Earth System Science, Tsinghua University	Mar. 2018 - Present
Research Intern Lamont-Doherty Earth Observatory, Columbia University	Oct. 2015 - Jun. 2017
Visiting Student in Research Department of Geology and Geophysics, Yale University	Sep. 2014 - Feb. 2015

MEMBERSHIPS

American Geophysical Union

HONORS AND AWARDS

Undergraduate Overseas Research Fellowship \$3000, School of Earth Sciences, China University of Geosciences	Jun. 2014
University Physics Competition Third Prize China University of Geosciences	Mar. 2014

SKILLS

Numerical models
MITgcm, WRF

Data Analytics
Python, NCL, MATLAB, MongoDB

Graphic design
Illustrator, CorelDRAW

CONFERENCE ABSTRACTS

Caspian Sea level fluctuations under varying climate change scenarios
AGU Fall Meeting, submitted, San Francisco, California, 2019

Zhang, C., Yao, Y., Yang, K., Lin, Y., Luo, Y.

Regional climate modelling of the Central Asia: Consistencies and uncertainties of the driving GCM's bias correction

ICRC-CORDEX, Poster Presentation, Beijing, China, 2019

Zhang, C., Yao, Y., Luo, Y.

Global census of coherent Lagrangian vortices in a mesoscale-permitting ocean model

Ocean Sciences Meeting, Portland, Oregon, 2018

Tarshish, N.E., Abernathey, R., Dufour, C., Frenger, I., Griffies, S.M., Zhang, C.

A global atlas of coherent Lagrangian vortices from satellite altimetry

Ocean Sciences Meeting, Portland, Oregon, 2018

Abernathey, R.P., Zhang, C., Tarshish, N.E.

PEER-REVIEWED ARTICLES

Sensitivity of regional climate modelling to representative concentration pathways and physics parameterizations in the Central Asia

Climate Dynamics, in preparation, 2019

Zhang, C., Yao, Y., Luo, Y.

Detection of coherent vortices in the world ocean: Model configuration and structure recognition

Journal of Advances in Modeling Earth Systems, to be submitted, 2019

Zhang, C., Abernathey, R., Tarshish, N.

Identifying Lagrangian coherent vortices in a mesoscale eddy-permitting ocean model

Ocean Modelling, 130, 15-28, 2018

Tarshish, N., Abernathey, R., Zhang, C., Dufour, C.O., Frenger, I., Griffies, S.M.

BOOK CHAPTERS

Chapter Asia in *Climate Change 2021: Impacts, Adaptation and Vulnerability*

Contribution of Working Group II to the AR6 of the IPCC

Cambridge University Press, Cambridge, UK and New York, NY, 2021

Coordinating Lead Authors: Cheong T.S. et al.

Lead Authors: Abdul Halim, S. et al.

Contributing Authors: Zhang, C. et al. (expected)