

Stanford



Katerina Gonzales

Ph.D. Student in Earth System Science

Bio

BIO

Katerina studies climate dynamics in the Department of Earth System Science at Stanford University. She is interested in climate change in the atmosphere, extreme precipitation events, and climate impacts. Her dissertation analyzes the characteristics of West Coast atmospheric rivers in a warming climate. Learn more about her research at her website: <https://sites.google.com/view/katerina-r-gonzales>

HONORS AND AWARDS

- Diversity and Inclusion Innovation Funds Grant; on behalf of Women in Earth Sciences, Stanford Vice Provost for Graduate Education (2018)
- Travel Grant, Graduate Climate Conference, University of Washington (2018)
- DARE Doctoral Fellowship, Stanford Vice Provost for Graduate Education (2018-2020)
- Travel Award, CESM Tutorial, National Center for Atmospheric Research, Boulder, CO (2017)
- 2nd Place Oral Presentation, Stanford Earth Annual Research Review Symposium (2017)
- Graduate Research Fellowship, NSF (2015-2020)
- EDGE-STEM Fellowship, Stanford (2015)
- George T. Meredith Award for Early Leadership in Geophysical Engineering, Colorado School of Mines Department of Geophysics (2015)
- Travel Award, AGU Fall Meeting, American Geophysical Union (2014)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Co-President, Women in Earth Science @ Stanford (2015 - 2019)
- Member, American Geophysical Union (2013 - present)
- Member, Association for Women Geoscientists (2012 - present)
- Member, Earth Science Women's Network (2016 - present)
- Fall Meeting Mentor, American Geophysical Union (2015 - 2015)
- Co-President, Society of Women in Geophysics @ CSM (2014 - 2014)
- Webmaster, Society of Student Geophysicists @ CSM (2014 - 2015)
- Member, Society for Women in Mathematics @ CSM (2013 - 2015)
- Member, Society of Women Engineers (2011 - 2015)
- Member, Society of Exploration Geophysicists (2011 - 2015)

EDUCATION AND CERTIFICATIONS

- BS, Colorado School of Mines , Geophysics (2015)

LINKS

- Personal Webpage: <https://sites.google.com/view/katerina-r-gonzales>
- LinkedIn: <https://www.linkedin.com/in/katerinagonzales>

Publications

PUBLICATIONS

- **Recent Warming of Landfalling Atmospheric Rivers Along the West Coast of the United States** *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*
Gonzales, K. R., Swain, D. L., Nardi, K. M., Barnes, E. A., Diffenbaugh, N. S.
2019; 124 (13): 6810–26