

Corey Scher

Third year PhD student

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Education

- 2019- **City University of New York, Graduate Center**
 Ph.D. in Earth and Environmental Science
- 2017-19 **City College of New York**
 M.Sc. in Geology
- 2013-17 **University of California, Berkeley**
 B.A. in Geology

Teaching

- 2018- **Graduate Teaching Assistant**
 City College of New York

Research Experience

- 2020 **Summer Intern**
 Dr. Erika Podest
 NASA Jet Propulsion Laboratory
- 2018- **Graduate Research Fellow**
 Professor Kyle McDonald
 Ecosystem Science Lab
 City College of New York
- 2017-18 **Graduate Research Fellow**
 Professor Maria Tzortziou
 Land-Ocean-Atmosphere Interactions Lab
 City College of New York
- 2017- **Research Affiliate**
 Professor David Saah
 Geospatial Analysis Lab
 University of San Francisco
- 2016-17 **Undergraduate Research Apprentice**
 Professor Laurel Larsen
 Environmental Systems Dynamics Lab
 University of California, Berkeley

Awards

- 2020 **Summer Maximizing Student Potential (SMSP) in STEM program**
Summer fellowship award recipient for internship at the NASA Jet Propulsion Lab
- 2019 **Travel Grant Recipient**
Conference: “Quest for Sustainability of Heavily Stressed Aquifers”
Valencia, Spain

Publications

Scher, C., Steiner, N. C., & McDonald, K. C. (2021). Mapping seasonal glacier melt across the Hindu Kush Himalaya with time series SAR. *The Cryosphere*.

Conference Presentations

Scher, C., Steiner, N., McDonald, K., (2019, December). *Significant glacier surface melt detected across the Himalayas in synthetic aperture radar time series*. Oral presentation at the Fall Meeting of the American Geophysical Union, San Francisco, CA.

Scher, C., McDonald, K., Vorosmarty, C., Saah, D., (2019, October). *Monitoring sustainability of shared groundwater resources using satellite measurement of transboundary aquifer compaction*. Oral presentation at the American Geophysical Union Chapman Conference on the Quest for Sustainability in Heavily Stressed Aquifers at Regional to Global Scales, Valencia, Spain.

Scher, C., Saah, D., (2018, December). *Extent and characteristics of damage from wildfires caused by incendiary kites launched during protests of the Gaza-Israel barrier fence (March 2018 to present)*. Poster presented at the Fall Meeting of the American Geophysical Union, Washington, DC.

Scher, C., Saah, D., (2017, December). *Remote Monitoring of Groundwater Overdraft Using GRACE and InSAR*. Poster presented at the Fall Meeting of the American Geophysical Union, Washington, DC.

Scher, C., Larsen, L., Tennant, C., Bellugi, D., (2016, December). *Do rivers really obey power-laws? Using continuous high resolution measurements to define bankfull channel and evaluate downstream hydraulic-scaling over large changes in drainage area*. Poster presented at the Fall Meeting of the American Geophysical Union, Washington, DC.