

# Curriculum Vitae

Dr. June Skeeter  
they/them/theirs  
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<https://june-skeeter.github.io/>

## Current Positions

Postdoctoral Researcher, UBC Micrometeorology group, 2023

Sessional Instructor, Geographic Information Systems (GEOS 270), UBC Geography Department, 2020-Present

## Education

### PhD in Geography

University of British Columbia, 2022. Dissertation:

Skeeter, J. (2022). *Using machine learning to identify and map controls of growing-season carbon dioxide and methane fluxes in the Mackenzie Delta region* (PhD thesis). University of British Columbia.  
<https://doi.org/10.14288/1.0421939>

### MSc in Geography

University of South Carolina, 2015. Thesis:

Skeeter, J. (2015, January). Ammonium Concentrations Above a Louisiana Sugarcane Field. Retrieved from <https://scholarcommons.sc.edu/etd/3157>

### BS in Geography & BS in Earth Science

Salisbury University, 2013, Graduated Cum Laude

## Publications

### Peer Reviewed

- Skeeter, June, Christen, A., & Henry, G. H. R. (2022). Controls on carbon dioxide and methane fluxes from a low-center polygonal peatland in the Mackenzie River Delta, Northwest Territories. *Arctic Science*, 8(2), 471–497. <https://doi.org/10.1139/as-2021-0034>
- Skeeter, J., Christen, A., Laforce, A.-A., Humphreys, E., & Henry, G. (2020). Vegetation influence and environmental controls on greenhouse gas fluxes from a drained thermokarst lake in the western Canadian Arctic. *Biogeosciences*, 17(17), 4421–4441. <https://doi.org/10.5194/bg-17-4421-2020>
- Skeeter, J., Parnell, D. B., & Skeeter, B. R. (2016). A Fog Climatology of the Delmarva Peninsula. *The Geographical Bulletin*, 57(2), 65–75. Retrieved from <https://www.proquest.com/docview/1845101484/abstract/A0CE794EC54E4E8BPQ/1>

Skeeter, June. (2013, April 11). Using Radar Composites to Detect Variances in Precipitation from Cold Fronts Across the Chesapeake Bay: April through October from 1997 to 2012. Research talk presented at the Association of American Geographers annual meeting, Los Angeles CA.

## **Book chapter**

Skeeter, J., & Pickell, paul. (2022). Chapter 3 Data Types and Spatial Data Models. In *Geomatics for Environmental Management: An Open Textbook for Students and Practitioners*. University of British Columbia. Retrieved from <https://www.opengeomatics.ca/types-of-data.html#reflection-questions-2>

## **Presentations**

### **Research Talks**

Skeeter, J. (2021, October 29). Compiling and Mapping Police Involved Deaths: Systemic Racism in Canadian Policing. Research talk presented at the Western Association of Map Librarians annual meeting, Vancouver BC.

Skeeter, J. (2021, April 7). Police Killings and Systemic Racism in Canadian Policing. Research talk at presented at the Association of American Geographers annual meeting, \*virtual.

Ahmed, M., & Skeeter, J. (2019, October 10). How Can I Reduce My Carbon Footprint? Presented at the EcoCity World Summit, Vancouver BC.

Skeeter, J. (2017, May 30). Vegetation Influence and Environmental Controls on Greenhouse Gas Fluxes from a Drained Thermokarst Lake in the Mackenzie River Delta, NWT. Research talk presented the annual meeting of the Canadian Geophysical Union, May 30th, 2017, Vancouver BC.

Skeeter, J. (2017, July 8). Greenhouse Gas Exchange in the Outer Mackenzie Delta. Research talk presented at the Aurora Research Institute Summer Speakers Series, Inuvik, NT.

Skeeter, J. (2017, December 13). Growing Season Carbon Balance of a Mackenzie River Delta Peatland. Research talk presented at the ArcticNet conference, Quebec City, QC.

Skeeter, J. (2016, December 7). Carbon Dioxide and Methane fluxes at Illisarvik 2016. Poster presented at ArcticNet conference, Whinnipeg, MB.

Skeeter, J. (2014, May 12). Identifying Source Areas of Ammonium Concentrations Sampled Above a Louisiana Sugarcane Field. Research talk presented at the 31st Conference on Agricultural and Forest Meteorology, Portland OR.

Skeeter, J. (2014, April 8). Identifying Source Areas of Ammonium Concentrations Sampled Above a Louisiana Sugarcane Field. Research talk presented at the Association of American Geographers annual meeting, Tampa FL.

Skeeter, J. (2013, April 26). Fog Climatology of Salisbury, MD. Research talk presented at the Salisbury University Student Research Conference, Salisbury MD.

Skeeter, J. (2013, April 11). Using Radar Composites to Detect Variances in Precipitation from Cold Fronts Across the Chesapeake Bay: April through October from 1997 to 2012. Research talk presented at the Association of American Geographers annual meeting, Los Angeles CA.

Skeeter, J. (2012, November 3). Using Radar Composites Created in Model Builder to Perform Statistical Analyses of Cold Frontal Precipitation Events in the Chesapeake Bay Region: April through October 1997-2011. Research talk presented at the joint annual meeting of the Pennsylvania Geographical Society and the Middle Atlantic Division of the Association of American Geographers, Salisbury MD.

## Guest Lectures

Skeeter, J. (2022, March). Remote Sensing in Atmospheric Sciences. Guest lecture, GEOS 373, Vancouver BC.

Skeeter, J. (2020, November). Data Normalization & Classification: Police Violence in North America. Guest lecture, GEOS 270, Vancouver BC.

Skeeter, J. (2020, November). Remote Sensing in Atmospheric Sciences. Guest lecture, GEOS 373, Vancouver BC.

## Poster Presentations

Skeeter, J. (2018, April 10). Growing Season Carbon Balance of a Permafrost Peatland in the Mackenzie River Delta. Poster presented at European Geophysical Union annual meeting, Vienna, AT.

Skeeter, J. (2016, December 7). Carbon Dioxide and Methane fluxes at Illisarvik 2016. Poster presented at ArcticNet conference, Whinnipeg, MB.

Skeeter, J. (2014, November 24). Source Areas of Ammonium Sampled Above a Louisiana Sugar-cane Field. Poster presented at the South Eastern Division of the Association of American Geographers annual meeting, Roanoke VA.

Skeeter, J. (2012, November 19). Using Radar Composites Created in Model Builder to Perform Statistical Analyses of Cold Frontal Precipitation Events in the Chesapeake Bay Region: April through October 1997-2011. Poster presented at the South Eastern Division of the Association of American Geographers annual meeting, Asheville NC.

Skeeter, J. (2011, October 28). The Possible Differing Influence of the Chesapeake Bay on Frontal and Squall Line Precipitation Events (April-October). Poster presented at the Middle Atlantic Division of the Association of American Geographers annual meeting, College Park MD.

## Current Appointments

## Technical Skills

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<tr>
  <td><h4><u>Field & Research Methods</u></h4></td>
  <td><h4><u>Software & Application</u></h4></td>
  <td><h4><u>Programming/Markup Languages</u></h4></td>
</tr>
<tr>
  <td>
    <ul>
      <li>Eddy Covariance Installation & Maintenance</li>
      <li>Flux Data Processing & Footprint Modelling</li>
      <li>Machine Learning</li>
      <li>Spatial Analysis</li>
      <li>Drone Surveying</li>
      <li>Image Classification</li>
    </ul>
  </td>
  <td>
    <ul>
      <li>Git, GitHub, & GitHub Pages</li>
      <li>ArcGIS Pro</li>
      <li>QGIS</li>
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<ul style="list-style-type: none"> <li>Google Earth Engine</li> <li>MapBox &amp; GLJS</li> <li>Open Drone Map</li> <li>Reveal JS</li> <li>Eddy Pro &amp; Smart Flux</li> </ul>	<ul style="list-style-type: none"> <li>Python</li> <li>JavaScript</li> <li>R</li> <li>Matlab</li> <li>Bash</li> <li>Markdown / R Markdown</li> <li>HTML</li> <li>CSS</li> </ul>
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## Employment History

Graduate Academic Assistant

Workshop Creator and GIS Consultant, UBC Library Research Commons

2020 – 2022

Graduate Academic Assistant

Chapter Author, Open Source Geomatics Textbook, University of British Columbia Forestry Department

2021

Teaching Assistant

Introduction to GIS; Remote Sensing; Air Pollution Meteorology; Atmospheric Environments; State of the Earth; Our Changing Climate and Environment, University of British Columbia Geography Department

2015-2020

Field Assistant

Data Collection and Site Maintenance at Burns Bog, University of British Columbia Geography Department

2020

Graduate Academic Assistant

GIS Instructor, Vancouver Summer Program University of British Columbia

2019

Research Assistant

LIDAR Operation and Dispersion Modelling, University of South Carolina

2013-2015

Lab Assistant & Tutor

Undergraduate Lab Supervising; Tutoring in Earth Science and Weather and Climate courses, Salisbury University Department of Geography and Geosciences

2012-2013

Volunteering, Speaking Events, & Committee Positions

Primary Researcher

Police Involved Deaths in Canada, Tracking and Mapping Police Violence in Canada

2020-2022

Stack Overflow Contributor

Python and GIS Help, My Profile

2016-Present

Guest Speaker

University of British Columbia Geography Department Undergraduate Events: GIS Cohort Event, Majors Tea

2021 & 2022

Graduate Committee Representative

University of British Columbia Geography Department

2019-2020

Climate Consultant

EcoMeet App

2019

Co-chair, Geography Graduate Association

University of British Columbia Geography Department

2018-2019

Geography Bowl Question Contributor

Middle Atlantic Division of the Association of American Geographers

2018, 2016

Departmental Outreach Committee

University of South Carolina Geography Department

2014-2015

Awards

Open Educational Resource Champion

University of British Columbia

2022

Four-year Doctoral Fellowship

University of British Columbia

2015-2019

Graduate Assistanceship Award

University of South Carolina Geography Department

2013-2015

Presidential Scholarship

Salisbury University

2009-2013

Eugene D. and Ethel Farace Outstanding Graduating Senior Award

Salisbury University Department of Geography and Geosciences

2013

Outstanding Academic Achievement Award

Salisbury University Department of Geography and Geosciences

2013

Dean's List

Salisbury University, Spring 2013; Fall 2012; Fall 2011; Spring 2010; Fall 2009

2009-2013

Association of American Geographers (AAG) World Geography Bowls

Four-Time Middle Atlantic Division All Star Team Member, 2nd Place Team: 2013 & 2011; 3rd Place Team: 2012; 7th Place Individual Score: 2012

2010-2013

Middle Atlantic Division AAG Regional Geography Bowls

Four-Time Team Captain, 2nd Place Team: 2010-2012; 1st Place Team: 2009; 1st Place Individual Score: 2011 & 2009

2009-2012

1st Place Student Paper Competition

Joint Annual Meeting of the Pennsylvania Geographical Society and the Middle Atlantic Division of the AAG

2012

Guerrieri Summer Research Grant

Salisbury University

2012

Gamma Theta Upsilon

Inducted to the International Geographical Honor Society

2011

National Science Foundation Bridges Summer Research Grant

Salisbury University

2011

Donald Lee Schul Jr. Memorial Wrestling Scholarship

Salisbury University

2009