

Curriculum Vitae

Dr. June Skeeter

they/them/theirs

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<https://github.com/June-Skeeter>

University of British Columbia

Department of Geography

Vancouver, BC

Education

PhD Geography, University of British Columbia, 2022 Thesis: “Using Machine Learning to Identify and Map Controls of Growing-Season Carbon Dioxide and Methane Fluxes in the Mackenzie Delta Region”

J. Skeeter (2022)

MSc. Geography University of South Carolina, 2015 Thesis: “Ammonium Concentrations Above a Louisiana Sugarcane Field”

B.S. Geography, B.S Earth Science, and Minor in Statistics, Salisbury University 2013 Graduated Cum Laude

W. Skeeter (2015)

References

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>

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

Peer Reviewed

References

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, 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, W. R. (2013). Using Radar Composites to Detect Variances in Precipitation from Cold Fronts Across the Chesapeake Bay: April Through October from 1997 to 2011. *PENNSYLVANIA GEOGRAPHER*, 51(1), 73–86.

Skeeter, Wesley R., 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>

In Prep

Book chapter

Skeeter & Pickell (2022)

References

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*. Retrieved from <https://www.opengeomatics.ca/types-of-data.html#reflection-questions-2>

Presentations

Jargon

Current Appointments

Postdoctoral Researcher

UBC Geography Department Micrometeorology

2023

Sessional Instructor

Geographic Information Systems (GEOS 270), UBC Geography Department

2020-Present

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>
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<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>
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  <td>
    <ul>
      <li>Git, GitHub, & GitHub Pages</li>
      <li>ArcGIS Pro</li>
      <li>QGIS</li>
      <li>Google Earth Engine</li>
      <li>MapBox & GLJS</li>
      <li>Open Drone Map</li>
      <li>Reveal JS</li>
      <li>Eddy Pro & Smart Flux</li>
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  <td>
    <ul>
      <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>
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Presentations & Lectures

“Remote Sensing in Atmospheric Sciences”, Guest Lecturer, University of British Columbia Department of Geography, GEOB 373 Remote Sensing, March 2022

“Data Normalization & Classification: Police Violence in North America”, Guest Lecturer, University of British Columbia Department of Geography, GEOB 270 Geographic Information Science, November 2020

“Remote Sensing in Atmospheric Sciences”, Guest Lecturer, University of British Columbia Department of Geography, GEOB 373 Remote Sensing, November 2020

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