

Curriculum Vitae

Dr. June Skeeter
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Education

PhD Geography, University of British Columbia (UBC)	2022
<ul style="list-style-type: none">Using machine learning to identify and map controls of growing-season carbon dioxide and methane fluxes in the Mackenzie Delta region	
MsC Geography, University of South Carolina (USC)	2015
<ul style="list-style-type: none">Ammonium Concentrations Above a Louisiana Sugarcane Field	
BS Geography & BS Earth Science, Salisbury University (SU)	2013
<ul style="list-style-type: none">Minor in StatisticsGraduated Cum Laude	

Employment

Postdoc, UBC Micrometeorology	2022 - Present
Sessional Instructor, UBC Geography Department	2020 - Present
Graduate Academic Assistant, UBC Library Research Commons	2020 - 2022
Graduate Academic Assistant, Vancouver Summer Program UBC	2019
Teaching Assistant, UBC Geography Department	2015 - 2020
Research Assistant, USC Geography Department	2013 - 2015
Lab Assistant & Tutor, SU Geography Department	2013 - 2015

Publications

Peer Reviewed

- Skeeter, June, Christen, A., & Henry, G. H. R. (2023). Modelling Growing Season Carbon Fluxes at a Low-Center Polygon Ecosystem in the Mackenzie River Delta. *Arctic Science*. <https://doi.org/10.1139/AS-2022-0033>
- 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. paper-conference, Los Angeles CA: presented at the Association of American Geographers annual meeting.

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., & Knox, S. (2023, April 8). A framework for applying neural networks to eddy covariance data. paper-conference, presented the annual meeting of the Canadian Geophysical Union, Banff, AB.
- Skeeter, J., & Knox, S. (2023, April 11). Ongoing and proposed research in the burns bog ecological conservancy area. paper-conference, presented at the CLASSIC/COHERENT-C Workshop, Victoria, BC.
- Skeeter, June. (2021, October 29). Compiling and Mapping Police Involved Deaths: Systemic Racism in Canadian Policing. paper-conference, Vancouver BC: presented at the Western Association of Map Librarians annual meeting.
- Skeeter, June. (2021, April 7). Police Killings and Systemic Racism in Canadian Policing. paper-conference, *virtual: presented at the Association of American Geographers annual meeting.
- Ahmed, M., & Skeeter, J. (2019, October 10). How Can I Reduce My Carbon Footprint? paper-conference, Vancouver BC: presented at the EcoCity World Summit.
- Skeeter, June. (2017, May 30). Vegetation Influence and Environmental Controls on Greenhouse Gas Fluxes from a Drained Thermokarst Lake in the Mackenzie River Delta, NWT. paper-conference, Vancouver BC: presented the annual meeting of the Canadian Geophysical Union.
- Skeeter, June. (2017, July 8). Greenhouse Gas Exchange in the Outer Mackenzie Delta. paper-conference, Inuvik, NT: presented at the Aurora Research Institute Summer Speakers Series.
- Skeeter, June. (2017, December 13). Growing Season Carbon Balance of a Mackenzie River Delta Peatland. paper-conference, Quebec City, QC: presented at the presented at the ArcticNet conference.
- Skeeter, June. (2016, December 7). Carbon Dioxide and Methane fluxes at Illisarvik 2016. poster-conference, Whinnipeg, MB: presentated at ArcticNet conference.
- Skeeter, June. (2014, May 12). Identifying Source Areas of Ammonium Concentrations Sampled Above a Louisiana Sugarcane Field. paper-conference, Portland OR: presented at the 31st Conference on Agricultural and Forest Meteorology.
- Skeeter, June. (2014, April 8). Identifying Source Areas of Ammonium Concentrations Sampled Above a Louisiana Sugarcane Field. paper-conference, Tampa FL: presented at the Association of American Geographers annual meeting.
- Skeeter, June. (2013, April 26). Fog Climatology of Salisbury, MD. paper-conference, Salisbury MD: presented at the Salisbury University Student Research Conference.

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. paper-conference, Los Angeles CA: presented at the Association of American Geographers annual meeting.

Skeeter, June. (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. paper-conference, Salisbury MD: presented at the joint annual meeting of the Pennsylvania Geographical Society and the Middle Atlantic Division of the Association of American Geographers.

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-conference, Vienna, AT: presented at European Geophysical Union annual meeting.

Skeeter, J. (2016, December 7). Carbon Dioxide and Methane fluxes at Illisarvik 2016. poster-conference, Whinnipeg, MB: presentated at ArcticNet conference.

Skeeter, J. (2014, November 24). Source Areas of Ammonium Sampled Above a Louisiana Sugarcane Field. poster-conference, Roanoke VA: presentated at the South Eastern Division of the Association of American Geographers annual meeting.

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-conference, Asheville NC: presented at the South Eastern Division of the Association of American Geographers annual meeting.

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

Technical Skills

Field & Research Methods	Programming & Markup	
	Languages	Software & Applications
<ul style="list-style-type: none"> • Eddy Covariance • Footprint Modelling • Flux Chamber Sampling • Drone Surveying • Machine Learning • Image Classification 	<ul style="list-style-type: none"> • Python • Javascript • Matlab • R • HTML • Markdown 	<ul style="list-style-type: none"> • Git & GitHub • ArcGIS Pro & QGIS • Google Earth Engine • Mapbox API • Loggernet • Eddy Pro • Quarto

Volunteer Work and Committee Positions

Western Director, Canadian Society of Agricultural and Forest Meteorology	2023 - Present
Police Involved Deaths in Canada Database	2020 - Present
Graduate Committee Representative, UBC Geography	2019 - 2020
Climate Consultant, EcoMeet App	2019
Co-chair, UBC Geography Graduate Student Association	2018 - 2018
USC Geography Departmental Outreach Committee	2018 - 2018

Awards

Open Educational Resource Champion, UBC Alma Mater Society	2022
Four-year Doctoral Fellowship, UBC	2015 - 2019
Graduate Assistanceship Award, UBC	2013 - 2015
Presidential Scholarship, SU	2009 - 2013
American Association of Geographers World Geography Bowls	2009 - 2013
• Four-time All Star Team Member, Middle Atlantic Division	
Outstanding Graduating Senior Award, SU Geography	2013
Outstanding Academic Achievement Award, SU Geography	2013
1st Place Student Paper Middle Atlantic Division of the American Association of Geographers Annual Meeting	2012
Donald Lee Schul Jr. Memorial Wrestling Scholarship, SU	2009
