Curriculum Vitae

Dr. June Skeeter (they/them/theirs)
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November 8, 2023

Education

PhD Geography, University of British Columbia (UBC) 2023
- 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
- Ammonium Concentrations Above a Louisiana Sugarcane Field

BS Geography & BS Earth Science, Salisbury University (SU) 2013
- Minor in Statistics
- Graduated Cum Laude

Employment

Postdoctoral Researcher: UBC Micrometeorology	2023 - Present
Sessional Instructor: UBC Geography Department	2020 - Present
• Atmospheric Environments: Course Webpage	
• Geographic Information Science: Course Webpage	
Graduate Academic Assistant: UBC Library Research Commons	2020 - 2022
Sessional Instructor: UBC School of Community and Regional Planning	2019
Teaching Assistant: UBC Geography Department	2015 - 2019
Research/Teaching Assistant: USC Geography Department	2013 - 2015
Lab Assistant: SU Geography Department	2010 - 2013

Publications

Peer Reviewed Articles

Skeeter, J., Christen, A., & Henry, G. (2023). Modelling growing season carbon fluxes at a low-center polygon ecosystem in the Mackenzie River Delta. *Arctic Science*, *9*(3), 689–709. https://doi.org/10.1139/as-2022-0033

Skeeter, J., 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. H. R. (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. https://www.proquest.com/docview/1845101484/abstract/A0CE794EC54E4E8BPQ/1

Skeeter, J. (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.

Book chapter

Skeeter, J., & Pickell, P. (2022). Chapter 3 Data Types and Spatial Data Models. In *Geomatics for Environmental Management: An Open Textbook for Students and Practitioners*. https://www.opengeomatics.ca/types-of-data.html

Presentations

Research Talks

Skeeter, J., & Knox, S. (2023, May). A Framework for Applying Neural Networks to Eddy Covariance Data. Banff, AB. https://june-skeeter.github.io/NN_Applications/

Skeeter, J., & Knox, S. (2023, April). Ongoing and Proposed Research in the Burns Bog Ecological Conservancy Area. Victoria, BC. https://ubc-micromet.github.io/BBECA_Work/

Skeeter, J. (2021, October). Compiling and Mapping Police Involved Deaths: Systemic Racism in Canadian Policing. Vancouver, BC.

Skeeter, J. (2021, April). Police Killings and Systemic Racism in Canadian Policing. *virtual.

Ahmed, M., & **Skeeter, J.** (2019, October). How Can I Reduce My Carbon Footprint? Vancouver, BC.

Skeeter, J. (2018, April). Growing Season Carbon Balance of a Permafrost Peatland in the Mackenzie River Delta. Vienna, AT.

Skeeter, J. (2017, December). Growing Season Carbon Balance of a Mackenzie River Delta Peatland. Quebec City, QC.

Skeeter, J. (2017, May). Vegetation Influence and Environmental Controls on Greenhouse Gas Fluxes from a Drained Thermokarst Lake in the Mackenzie River Delta, NWT. Vancouver, BC.

Skeeter, J. (2016, December). Carbon Dioxide and Methane fluxes at Illisarvik 2016. Winnipeg, MB.

Skeeter, J. (2014, May). Identifying Source Areas of Ammonium Concentrations Sampled Above a Louisiana Sugarcane Field. Portland OR.

Skeeter, J. (2014, April). Identifying Source Areas of Ammonium Concentrations Sampled Above a Louisiana Sugarcane Field. Tampa, FL.

Skeeter, J. (2013, April). Fog Climatology of Salisbury, MD. Salisbury MD.

Skeeter, J. (2013, April). Using Radar Composites to Detect Variances in Precipitation from Cold Fronts Across the Chesapeake Bay: April through October from 1997 to 2012. Los Angeles CA.

Skeeter, J. (2013, April). Using Radar Composites to Detect Variances in Precipitation from Cold Fronts Across the Chesapeake Bay: April through October from 1997 to 2012. Los Angeles CA.

Guest Lectures

Skeeter, J. (2023, February). Open Source GIS. Vancouver, BC. https://june-skeeter.github.io/OpenSourceGIS/

Skeeter, J. (2022, March). Remote Sensing in Atmospheric Sciences. Vancouver, BC.

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

Skeeter, J. (2020, November). Remote Sensing in Atmospheric Sciences. Vancouver, BC.

Skeeter, J. (2017, July). Greenhouse Gas Exchange in the Outer Mackenzie Delta. Inuvik, NT.

Poster Presentations

Skeeter, J. (2018, April). Growing Season Carbon Balance of a Permafrost Peatland in the Mackenzie River Delta. Vienna, AT.

Skeeter, J. (2016, December). Carbon Dioxide and Methane fluxes at Illisarvik 2016. Winnipeg, MB.

Skeeter, J. (2014, November). Source Areas of Ammonium Sampled Above a Louisiana Sugarcane Field. Poster, Roanoke VA.

Skeeter, J. (2012, November). 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. Asheville NC.

Skeeter, J. (2011, October). The Possible Differing Influence of the Chesapeake Bay on Frontal and Squall Line Precipitation Events (April-October). College Park, MD.

Technical Skills

Field & Research Methods	Programming & Markup Languages	Software & Applications
• Eddy Covariance	• Python	• Git & GitHub
• Footprint Modelling	• Javascript	• ArcGIS Pro & QGIS
• Flux Chamber Sampling	• R	• Google Earth Engine
• Drone Surveying	• Matlab	• Mapbox API
• Machine Learning	• HTML	• Loggernet
• Image Classification	• Markdown	• Eddy Pro
• Process Based Modelling	• CRBasic	• Quarto

Volunteer Work and Committee Positions

Western Director, Canadian Society of Agricultural and Forest Meteorology	2023 - Present
Police Involved Deaths in Canada Database	2020 - 2022
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 • Four-time All Star Team Member, Middle Atlantic Division	2009 - 2013
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