

SUMMARY Former climatology & ecology researcher and freelance journalist with a Bachelor's degree in Environmental Studies and two academic publications in climatology. Skilled in journalism, writing, and scientific research.

SKILLS

- Fluent in English, German (native), Spanish, and Hungarian; also speaks Romanian and French
- Able to perform statistical & spatial data analysis on large datasets
- Excellent written and verbal communication skills
- Experienced in literature review and academic research
- Softwares: Excel, Word, Outlook, PowerPoint, ArcGIS, ENVI, R

EDUCATION **Hunter College at the City University of New York (2013-2017)**
Bachelor of Arts received December 2017
Major: Environmental Studies (an interdisciplinary study of human interaction with the environment)
Minor: Mathematics
GPA: 3.719

HONORS **Miriam and Saul B. Cohen Prize for Geographic Excellence** (awarded May 2018)

This is a \$1000 award given to one undergraduate student in the geography department at Hunter College every year in recognition of exceptional academic achievements. I received this award for my independent bachelor's research project, where I found that the tree species that currently make up the majority of the forest canopy (such as oak) regenerate very poorly in urban environments. This suggests that urban forests will have a different structure and ability to provide important ecosystem services (such as carbon sequestration) in the future.

RELEVANT EXPERIENCE

<i>Jan.2018-Apr.2018; Sep.2018-Sep.2019</i>	Research Assistant <ul style="list-style-type: none">▪ Conducted extensive literature review, chiefly involving regional and global climate studies▪ Conducted statistical analyses on climatological station data from the Catskills watershed, using R (programming software)▪ Compiled results into a scientific research paper published as first author in <i>International Journal of Climatology</i> (impact factor: 3.601).▪ Performed data quality control using Excel and R	Research Foundation at the City University of New York
<i>Jan. 2018-Apr.2018; June 2019-Oct.2019</i>	College Assistant <ul style="list-style-type: none">▪ Purchased, set up, and tested laboratory equipment for a new ecology research laboratory.▪ Wrote protocols for using freeze-dryer and core grinder to prepare wooden samples for sugar analysis.▪ Conducted statistical analyses on large datasets using R and ArcGIS▪ Collected and processed soil samples, carrying heavy equipment to and from field sites▪ Set up forest plots to be used for research, and identified and measured tree species in forested plots	Advanced Science Research Center at the City University of New York

ACADEMIC PUBLICATIONS

Kelly-Voicu, P, and A. Frei, 2019, Hydrological and temperature variations between 1900 and 2016 in the Catskill Mountains, New York, USA. *International Journal of Climatology*. 2019; 1– 21. <https://doi.org/10.1002/joc.6289>

Frei, A. and P. Kelly-Voicu, 2017, Hurricane Irene and Tropical Storm Lee: how unusual were they in the Catskill Mountains?, *Journal of Extreme Events*, Vol. 4, No. 2 (2017) 1750009 (31 pages), <https://doi.org/10.1142/S2345737617500099>

OTHER PUBLICATIONS

Kelly-Voicu, Petra. "Stringer, Fed Elects Question BlackRock's Environmental Promises." *New York County Politics*, May 26, 2020. <https://www.newyorkcountypolitics.com/2020/05/26/stringer-fed-electeds-question-blackrocks-environmental-promises/>

Kelly-Voicu, Petra. "Environmental Violence is the Modern War Against Indigenous People." *The Independent*, May 22, 2020. <https://indypendent.org/2020/05/environmental-violence-is-the-modern-war-against-indigenous-people/>

Kelly-Voicu, Petra. "Their Ancestors Greeted the Pilgrims: Now The Mashpee Wampanoag Fight for their Land Amid a Pandemic" *The Independent*, April 29, 2020. <https://indypendent.org/2020/04/their-ancestors-greeted-the-pilgrims-now-the-mashpee-wampanoag-fight-for-their-land-amid-a-pandemic/>

Kelly-Voicu, Petra. "Chinese-American Advocated Blast Lack of City Gifted & Talented Programs." *Kings County Politics*, April 28, 2020. <https://www.kingscountypolitics.com/chinese-american-advocates-blast-lack-of-city-gifted-talented-programs/>

Kelly-Voicu, Petra. "The New Normal: Phone Booth Testing and Digital Contact Tracing versus Privacy Issues." *Queens County Politics*, April 23, 2020. <https://www.queenscountypolitics.com/2020/04/23/the-new-normal-digital-testing-and-contact-tracing-versus-privacy-issues/>

Kelly-Voicu, Petra. "COVID-19 Pandemic Devastates the City's Fiscal Health." *Queens County Politics*, April 13, 2020. <https://www.queenscountypolitics.com/2020/04/13/covid-19-pandemic-devastates-the-citys-fiscal-health/>

Kelly-Voicu, Petra. "Undocumented Workers Face Uncertain Future in the COVID-19 Pandemic." *Queens County Politics*, April 6, 2020. <https://www.queenscountypolitics.com/2020/04/06/undocumented-workers-face-uncertain-future-in-the-covid-19-pandemic/>

Kelly-Voicu, Petra. "Q'eswachaka: The Bridge Between Past and Present." *Medium*, January 16, 2020. <https://medium.com/@petrakellyvoicu/qeswachaka-the-bridge-between-past-and-present-a40b526f7820>