

KATE DOUTHAT

EDUCATION

Current
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2016

- **PhD Candidate, Ecology and Evolution**
Rutgers, the State University of New Jersey 📍 New Brunswick, NJ
 - Dissertation (in progress): *Vascular Plant Community Assembly in Stormwater Detention Basins*, Advisor: Dr. Jean Marie Hartman
 - Geospatial Information Science graduate certificate
 - Directly advised 7 undergraduate and masters student research assistants and oversaw lab-wide teams

2005
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2001

- **B.A. Cognitive Science (French minor)**
Vassar College 📍 Poughkeepsie, NY

PROFESSIONAL EXPERIENCE

Current
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2016

- **Teaching assistant**
Rutgers University 📍 New Brunswick, NJ
 - Plant Ecology and Freshwater Ecology, Biology I & II and Biology Lab (11 semesters total)
 - Created full semester-long remote ecology lab curricula for two ecology courses including fieldtrips, experiments, and data science exercises

2021
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2019

- **Infiltration basin consultant**
Rutgers Center for Resilient Landscapes 📍 New Brunswick, NJ
 - Supervised field surveys of infiltration basins in a residential community
 - Authored a series of data reports and action plans for basin renovation

2018
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2016

- **Copy editor**
Ecological Restoration Journal 📍 New Brunswick, NJ

2016
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2014

- **Small business owner**
Dogtooth Gardens 📍 Princeton, NJ
 - Established residential landscape design and native plant garden business; Managed ongoing site maintenance, and new installations, and 2 employees

2013
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2011

- **Site manager**
Full Circle Landscaping 📍 Princeton, NJ
 - Performed residential landscaping; Created designs and maintenance plans for new clients

SELECTED GRANTS AND AWARDS

Current
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2018

- **Botany in Action Fellowship**
Phipps Conservatory and Botanical Gardens

2018

- **Geller Graduate Student Research Award for the Conservation of Local Flora and Ecosystems**
Torrey Botanical Society

2017

- **Graduate Student Scholarship**
Society of Women Environmental Professionals



View this resume online at katedouthatecology.com

CONTACT

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- 📷 [plant_vision](https://www.instagram.com/plant_vision)
- 🌐 katedouthatecology.com

TECHNICAL SOFTWARE

R statistical computing
Python
ESRI ArcGIS
ERDAS Imagine
Microsoft Office Suite

SKILLS

wetland plant identification,
wetland delineation certification,
biology/soils wet lab and
spectroscopic techniques, field
sampling techniques, data
analysis, mentoring,
collaboration, science
communication

Last updated on 2021-06-22.



LEADERSHIP AND COMMUNITY ENGAGEMENT

Current
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2015



Founder and captain

Pine Baroness: New Jersey's Women's Ultimate Frisbee Team

📍 NJ

- Founded and led team to compete at the top level of play through USA Ultimate

2021



Expert consultant

Jersey City Schools STEAM Sustainability Challenge

- Consulted with elementary school students on sustainability projects and judged final projects

2019



Science and Politics Training

Eagleton Institute of Politics

📍 New Brunswick, NJ

- Five day workshop for PhDs on NJ state government and to learn how to become engaged in the evidence-based policymaking process

2019



CASE science policy and advocacy workshop

American Association for the Advancement of Science (AAAS)

📍 Washington D.C.

- Catalyzing Advocacy in Science and Engineering Workshop- 3.5 day program for graduate students on science policy-making and communication. Met with my elected Members of Congress and congressional staff.

2017
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2015



Board member and youth outreach coordinator

Mercer County Ultimate Disc League

📍 Mercer County, NJ

- Collaborated with board to run activities of 500-person sports league
- Initiated youth league and ran two inaugural youth league seasons

Interests: I regularly blog about science, plants, and the research process on my blog [katedouthatecology](#)⁷. Other interests: ultimate frisbee, dog training, hiking and exploring the outdoors, rock climbing, anime, international cultures and travel, native plant gardening