Daniel Kennedy

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Education

PhD	**Columbia University**, Expected July 2019
MS	**Columbia University**, 2015
	Department of Earth & Environmental Engineering
	Affiliation: Columbia Water Center
	Advisor: Prof. Pierre Gentine
	Topic: Plant-water relations in the soil-plant-atmosphere continuum
BS	**Columbia University**, 2010, cum laude
	Department of Earth & Environmental Engineering
	Concentration in Water Resources and Climate Risk

Experience

2013-Present	Columbia University MS/PhD in Earth & Environmental Engineering
2018	NASA Summer School on Satellite Observations and Climate Models
2016	CLM & CESM Tutorials
2015	ISAC Summer School on Land-Atmosphere Interactions
2014	ESA Earth Observation and Data Assimilation Summer School
2010-13	Chemistry and Physics Instructor, School District of Philadelphia
2009-2010	Research Assistant, Lamont-Doherty Earth Observatory

Fellowships and Awards

2013-16	Columbia Presidential Distinguished Fellowship
2016	NCAR Invited Visit (four months)
2018	Andrew Slater Award for the best student presentation at the NCAR Land Model Working Group meeting

Publications

Yan, B., **Kennedy, D.**, . . . Chillrud, S. N. (2011). Validating a nondestructive optical method for apportioning colored particulate matter into black carbon and

additional components. *Atmospheric Environment*, 45(39), 7478-7486. doi:http://dx.doi.org/10.1605/01.301-0017129637.2011

Giardina, F., … , **Kennedy D.**, … Gentine, P. (2018). Tall Amazonian forests are less sensitive to precipitation variability. *Nature Geoscience* (11) 405–409.

Lin, C; … , **Kennedy D.** (2018, In review) Evaluation of ecosystem diurnal hysteresis and mechanism exploration . *Agricultural and Forest Meteorology.*

Kennedy D, et al. (2018, In review). Implementing plant hydraulics in the Community Land Model,version 5. Journal of Advances in Modeling Earth Systems.