	Color Key:	Observed data

Review	Link	Citation
	https://www.tandfonline.com/doi/abs/10.2489/jswc.68.5.361	Golay, M. E. G., Thompson, J. R., Mabry, C. M., & Kolka, R. K. (2013). An investigation of water nutrient levels associated with forest vegetation in highly altered landscapes. Journal of Soil and Water Conservation, 68(5), 361–371. https://doi.org/10.2489/jswc.68.5.361
	https://www.sciencedirect.com/science/article/abs/pii/S0269749118325983	Frank S. Gilliam, Douglas A. Burns, Charles T. Driscoll, Serita D. Frey, Gary M. Lovett, Shaun A. Watmough, Decreased atmospheric nitrogen deposition in eastern North America: Predicted responses of forest ecosystems, Environmental Pollution, Volume 244,2019,Pages 560-574,ISSN 0269-7491, https://doi.org/10.1016/j.envpol.2018.09.135.
	https://link.springer.com/article/10.1007/s11270-010-0519-5	Tabayashi, Y., Koba, K. Heterogeneous Atmospheric Nitrogen Deposition Effects Upon the Nitrate Concentration of Stream Waters in a Forested Mountain Area. Water Air Soil Pollut 216, 105–115 (2011). https://doi.org/10.1007/s11270-010-0519-5
	https://www.sciencedirect.com/science/article/pii/S0304380097019534	John D. Aber, Scott V. Ollinger, Charles T. Driscoll, Modeling nitrogen saturation in forest ecosystems in response to land use and atmospheric deposition, Ecological Modelling, Volume 101, Issue 1, 1997, Pages 61-78, ISSN 0304-3800, https://doi.org/10.1016/S0304-3800(97)01953-4.
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	https://acsess.onlinelibrary.wiley.com/doi/abs/10.2134/jeq2002.1194	Sheeder, S. A., Lynch, J. A., & Grimm, J. (2002). Modeling Atmospheric Nitrogen Deposition and Transport in the Chesapeake Bay Watershed. Journal of Environmental Quality, 31(4), 1194-1206. https://doi.org/10.2134/jeq2002.1194
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Modeled data	Observed and Modeled data combined	Highly relevant paper
Notes	**Search Terms**	**Sample Size**
	"atmospheric deposition". "nitrogen", "forested"	
	"atmospheric deposition". "nitrogen", "forested"	
Contains scatter plot data, published by UMCES	"atmospheric deposition". "nitrogen", "forested"	2 sites in Japan
Contains some scatter plot data, looking at forested regions in NE	"atmospheric deposition". "nitrogen", "forested"	2 sites: Hubbard Brook (West Thornton, NH) and Harvard Forest (Petersham, MA)
A sensitivity analysis was also performed indicating a range of 20% to 30% for the contribution of atmospheric nitrate, - **go through the cited papers to see if you can find forested area information**	"atmospheric deposition". "nitrogen", "forested", "chesapeake bay"	
	"atmospheric deposition". "nitrogen", "forested", "chesapeake bay"	
studies of the role of atmospheric nitrogen (N) deposition as a nutrient source and driver of estuarine trophic status.	atmospheric nitrogen deposition chesapeake bay estuary	

This study utilizes high-resolution air-quality model simulations to examine the impact of local-scale circulations and removal processes on the magnitude and spatial variability of N dry deposition along coastlines.	atmospheric nitrogen deposition chesapeake bay estuary	
This project was designed to reassess the potential inputs of atmospheric nitrogen deposition to the bay through the use of a high-resolution wet deposition model, improved wet and dry deposition and nutrient retention estimates, existing soils and land use data, and geographic information systems software.	atmospheric nitrogen deposition chesapeake bay estuary	
Projection of N deposition and its effects 2050 using data from 2011 onwards	atmospheric nitrogen deposition chesapeake bay estuary	
A process-based forest ecosystem model, PnET-CN, to estimate inorganic N (nitrate) loading and retention under chronic increases of atmospheric N deposition in the Chesapeake Bay (CPB) watershed.	effect of changes in nitrogen atmospheric deposition rate on the export loads of forest	
The objectives of this project were to synthesize current research relating atmospheric N deposition to effects on terrestrial and freshwater ecosystems in the United States, and to estimate associated empirical N critical loads.	effect of changes in nitrogen atmospheric deposition rate on the export loads of forest	
	effect of changes in nitrogen atmospheric deposition rate on the export loads of forest	
A hierarchically distributed model of catchment forest hydrology and biogeochemistry. The goal of the model is to evaluate and predict the distribution of water, carbon and nitrogen cycling within a forested watershed, as well as the export of nitrate.	effect of changes in nitrogen atmospheric deposition rate on the export loads of forest	

Chesapeake Bay region data on Total Nitrogen and Total Phosphorus in tributary estuaries	"atmospheric" "nitrogen" "deposition" "rate" "Export loads" "Forest"	
Based in China, but fits the criteria	"atmospheric" "nitrogen" "deposition" "rate" "Export loads" "Forest" "Sensitivity"	
Only has data from June-August but it has specific data on Atm N deposition and water sampling data. Nationwide data sampling	"atmospheric" "nitrogen" "deposition" "rate" "Export loads" "Forest" "Sensitivity"	
Sent by Robert Sabo	"atmospheric" "nitrogen" "deposition" "rate" "Export loads" "Forest" "Sensitivity"	
Has estimated N yield from various forested areas	"atmospheric" "nitrogen" "deposition" "rate" "Export loads" "Forest" "Sensitivity"	
	"nutrient budget", Atmospheric nitrogen, forest, chesapeake bay	
	"nutrient budget", Atmospheric nitrogen, forest, chesapeake bay	
Unable to access it but it sounds really relevant from the abstract	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	

World wide study but it does have specific data to US site in Plum Island	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
Has information on atm dep. in the mid-atlantic region- no access. Cited in Fenn et. al. paper for atm dep numbers	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	

Has information on atm dep. in the mid-atlantic region- no access. Cited in Fenn et. al. paper for atm dep numbers	Atmospheric nitrogen, "forested landscapes", sensitivity, over time	
Has numbers for Atm dep. of N & P as well as river exports- not specifically over forested areas, although the upper potomac watershed is highly forested	Nutrient budget, input and output, influence of deposition on nitrogen loads	
	Nutrient budget, input and output, influence of deposition on nitrogen loads	
	Nutrient budget, input and output, influence of deposition on nitrogen loads	
Mass balance information from the Upper Potomac river watershed		
75.7% Deciduous forest, Table 3 has calibration coefficient	"atmospheric deposition". "nitrogen", "forested", "SPARROW"	
Great lakes focused	From references	
CB based model that has atm dep of N numbers along with stream flow data	"atmospheric deposition". "nitrogen", "forested", "SPARROW"	
Compares CB and Mississippi Watershed using SPARROW Models	"atmospheric deposition". "nitrogen", "forested", "SPARROW"	

We performed this modeling investigation in two hydrologic unit code (HUC) 10 watersheds located within the Neuse Watershed of North Carolina, USA: the Little River and the Nahunta. **Little River watershed in 60% forested, Nahunta has 13% forested wetlands**	swat model of forested lands atmospheric nitrogen north america	
The Eno River was selected as the study watershed because it is an important water source for a growing community within the Research Triangle Park region of **North Carolina, USA**. The watershed is **dominated by forest** and pasture lands and has gone through aggressive preservation efforts.	swat model of forested lands atmospheric nitrogen north america	
Many forested areas surveyed (ranging from 47-87% cover) and has coefficient numbers for atm dep of N on pg 312	swat model of forested lands atmospheric nitrogen north america	
TN and TP nutrient export coefficients of 1.0-6.3 and 0.007–0.88 kg/ha, respectively, at various locations in the US and Europe. Dodd et al. (1992) used annual forest TP and TN export coefficients of 0.13 (0.09–0.21) and 2.33 (0.69–3.8) kg/ha with a confidence level of 75%.	"SWAT", "forested", "Northeast", nitrogen	