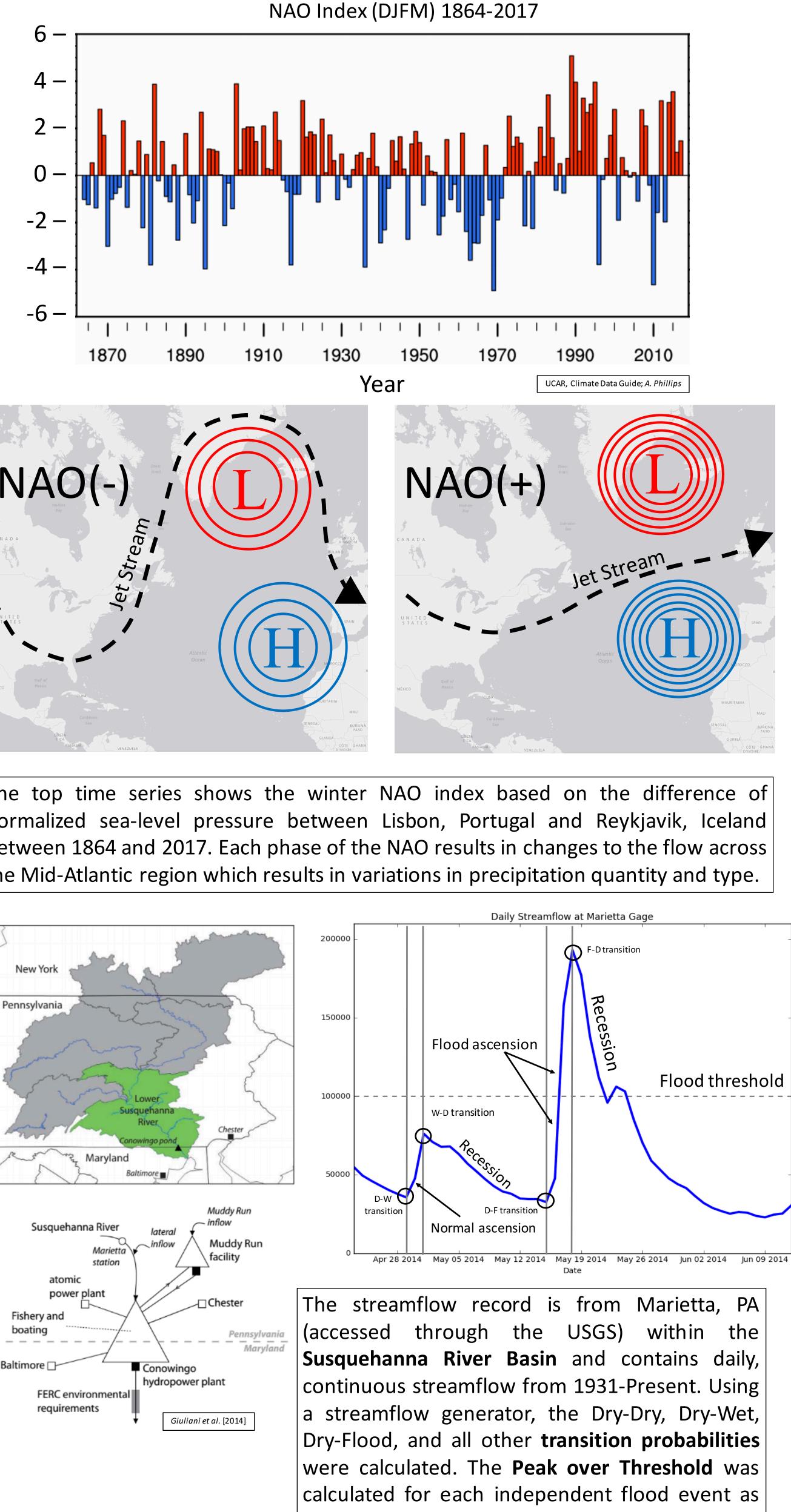
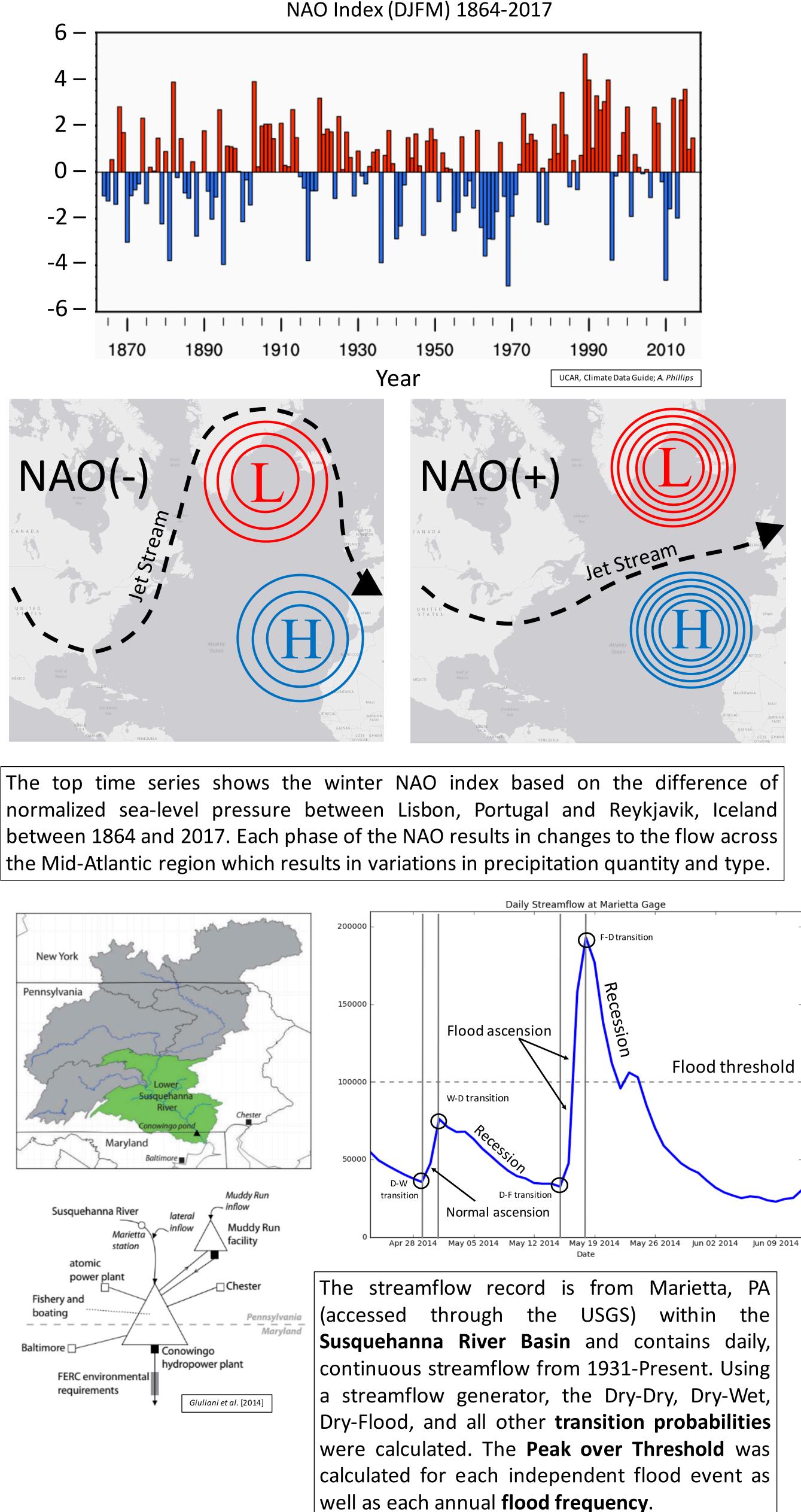


1. North Atlantic Oscillation and Streamflow Variability

The North Atlantic Oscillation (NAO) is the most persistent climate mode, always present in one of its forms day-by-day, either in a neutral, negative, or positive phase. Pressure anomalies to the Subtropical High and Subpolar Low results in different NAO phases. Pressure anomalies with a positive relationship correspond to the positive phase of the NAO and a negative relationship corresponds to the negative phase of the NAO.





Climate influence on Susquehanna River streamflow dynamics

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Parameters	Predictors	Pre
Stationary	Annual NAO	
α	DJFM NAO	No
β	Lagged-DJFM NAO	С
lphaeta		

Parameters	Predictors	Pre
Stationary	Annual NAO	
ν	DJFM NAO	No
σ	Lagged-DJFM NAO	C
$ u\sigma$		
$\sigma\xi$		
$ u\sigma\xi$		

