

### **Vegetation Pattern Correlations**

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# Objective:

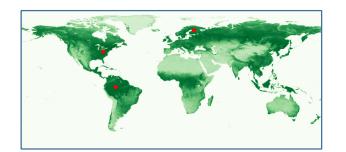
Find the correlation of meteorological parameters with vegetation patterns (NDVI & EVI) in the past decades.

Regions of interest: Amazon rainforest, West Virginia, Finland

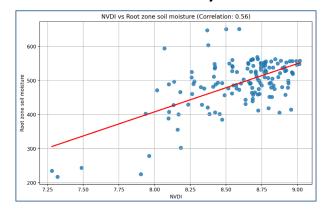
### Results

- weaker correlations in January than July
- >60% parameters correlate at least 0.7 in Amazon rainforest in July
- Parameters with temperature (air, soil, surface) often had stronger correlations

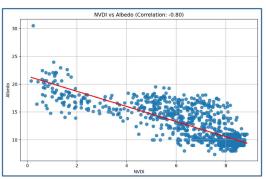
# **Figures**



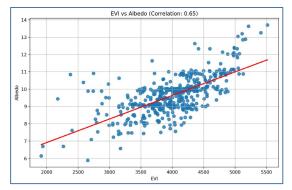
#### Global NDVI July 2005



West Virginia July 2023



Rainforest Jan 2023



Finland July 2023