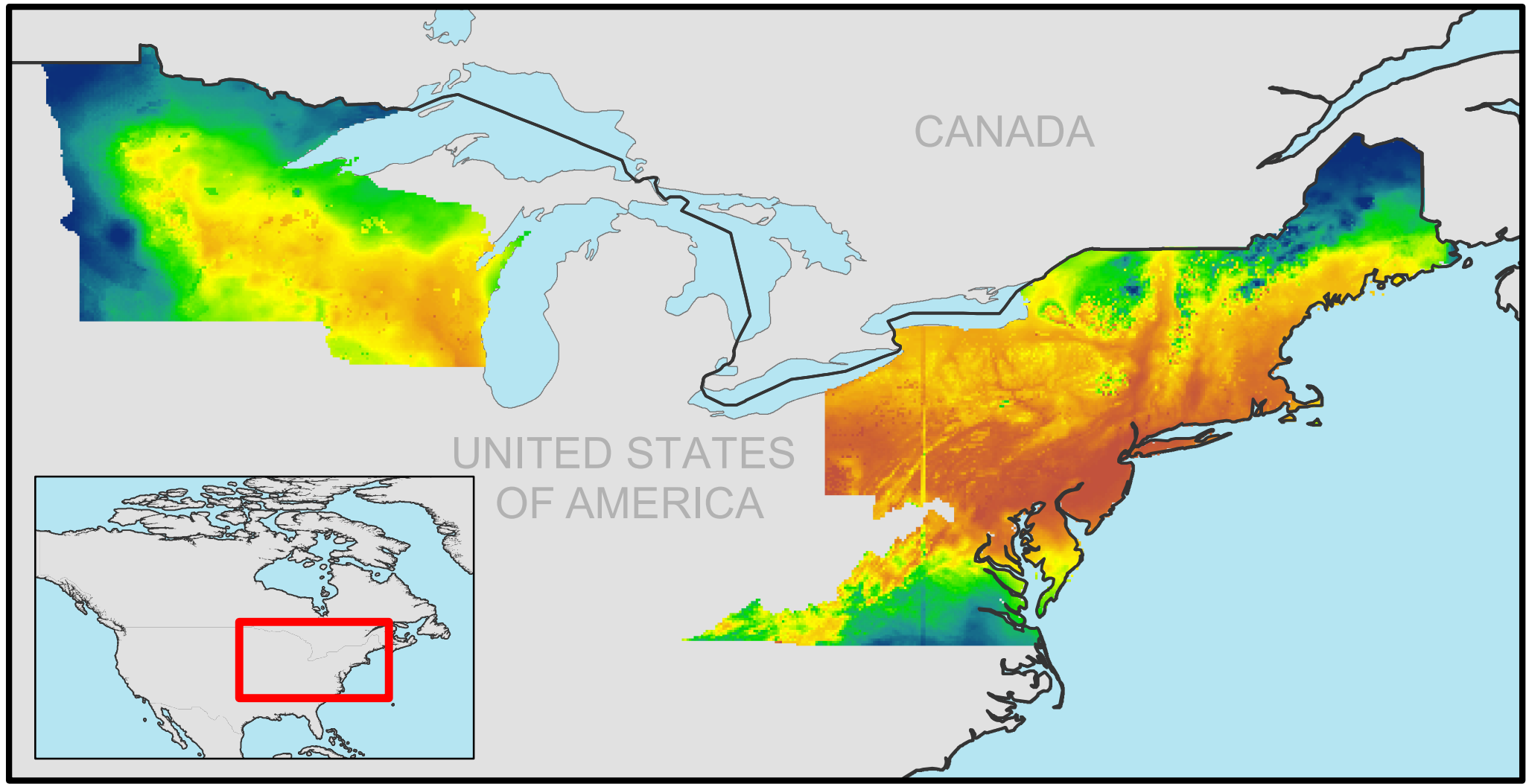


Potential for Lyme Disease Contraction in Northeastern United States

Model 1

Based on variables which define suitable tick habitats



AUC Prediction Accuracy

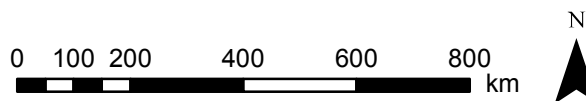


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2018

Source:
IPCC Climate Data
PRISM Climate Group
World Clim
CGIAR Consortium for Spatial Information
University of East Anglia
Climatic Research Unit
U.S. Geological Survey

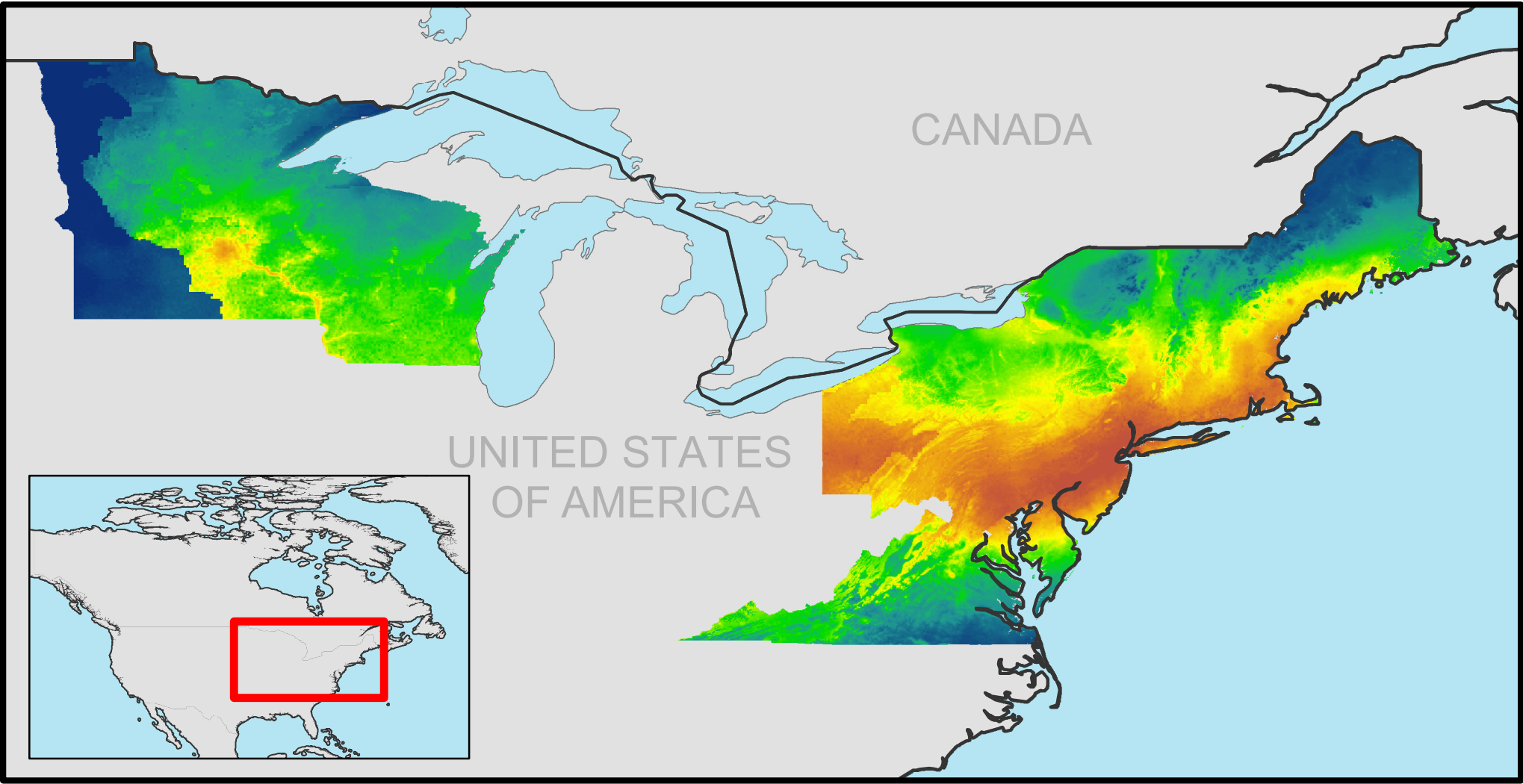
Coordinate System:
GCS North American 1983






Potential for Lyme Disease Contraction in Northeastern United States

Model 2

Based on climatic and vegetation variables which define suitable tick habitats



AUC Prediction Accuracy

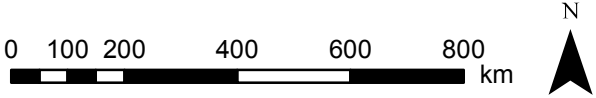
	High : 0.767		Water Bodies
	Low : 0.002		Countries (No Data)

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Source:
EarthEnv
Nature Conservancy
USGS
World Clim

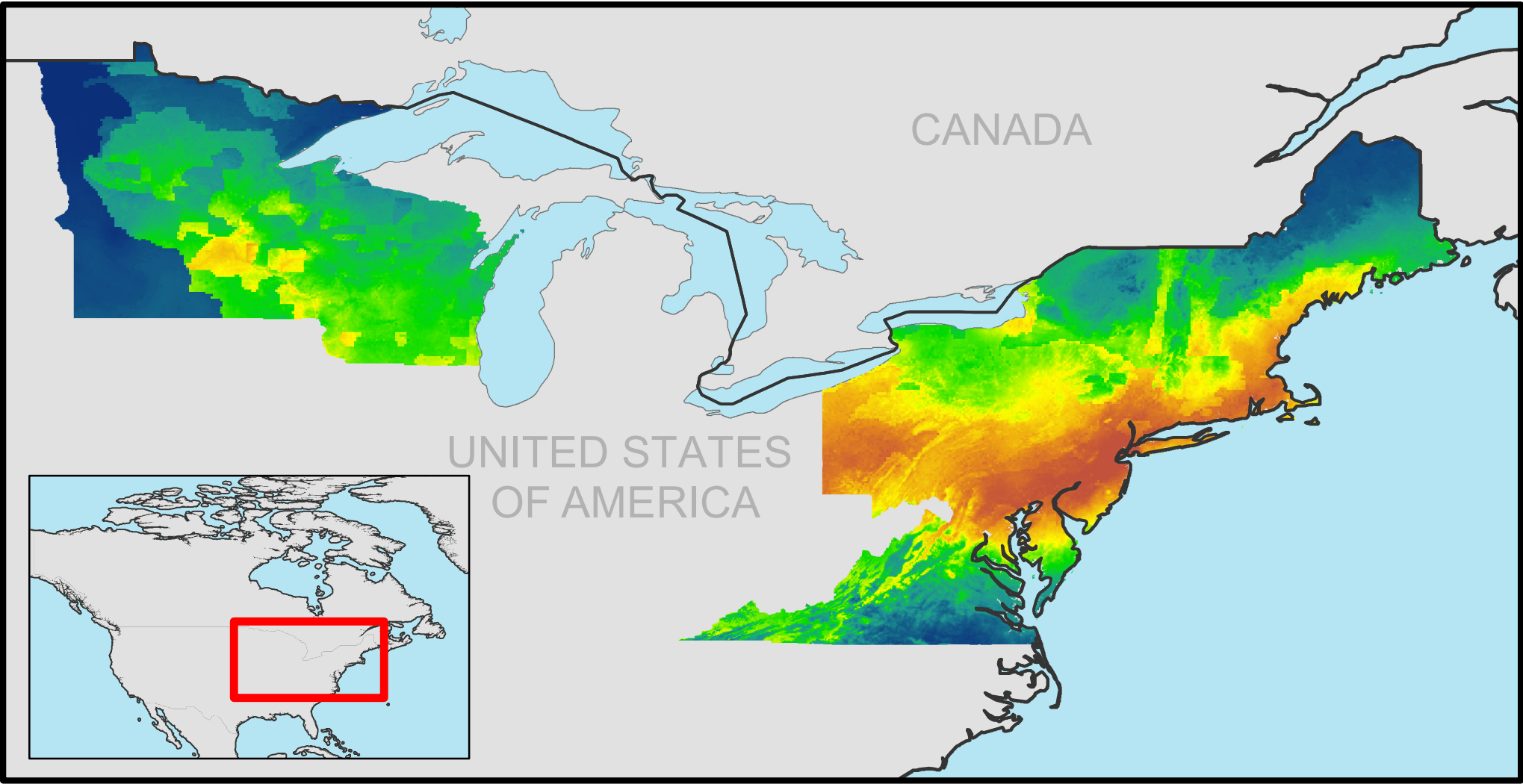
Coordinate System:
GCS North American 1983



Potential for Lyme Disease Contraction in Northeastern United States

Model 3

Based on climatic, vegetation, and host availability variables which define suitable tick habitats



AUC Prediction Accuracy

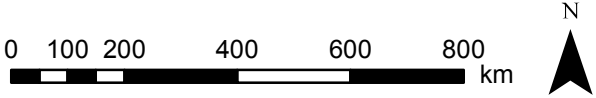
	High : 0.752		Water Bodies
	Low : 0.002		Countries (No Data)

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Source:
EarthEnv
Nature Conservancy
USGS
Libraries Digital Conservancy
World Clim

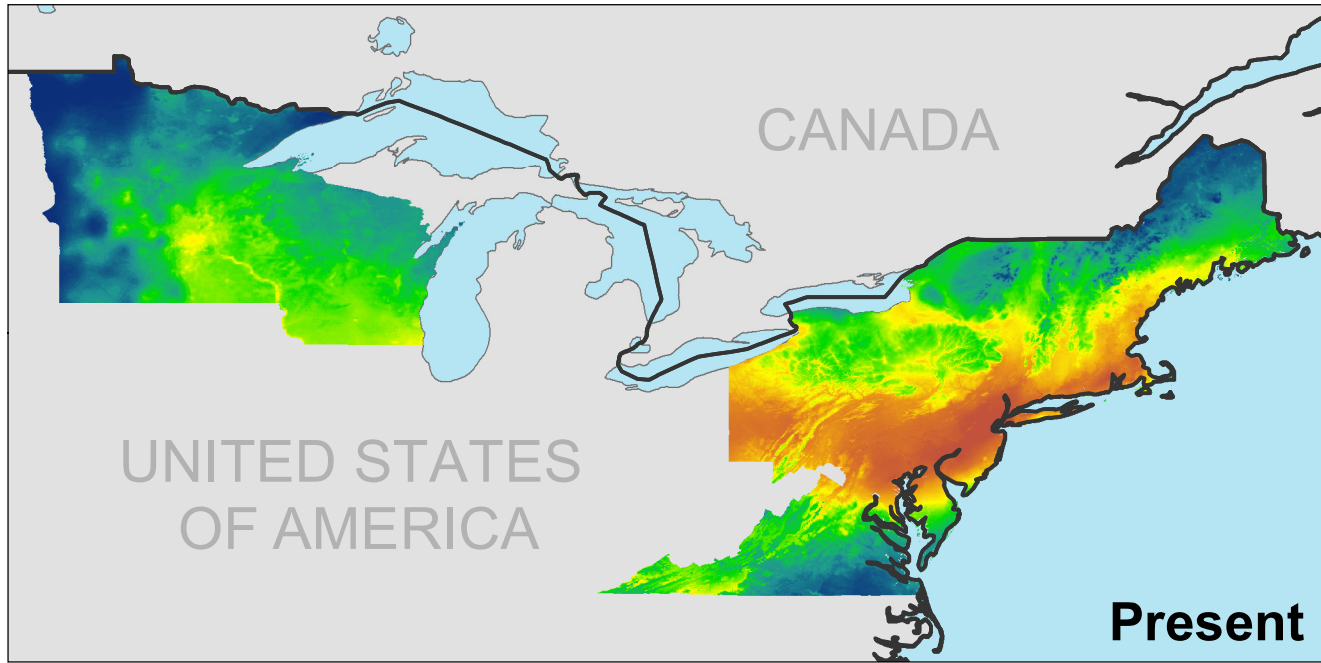
Coordinate System:
GCS North American 1983



Potential for Lyme Disease Contraction in Northeastern United States

Model 4

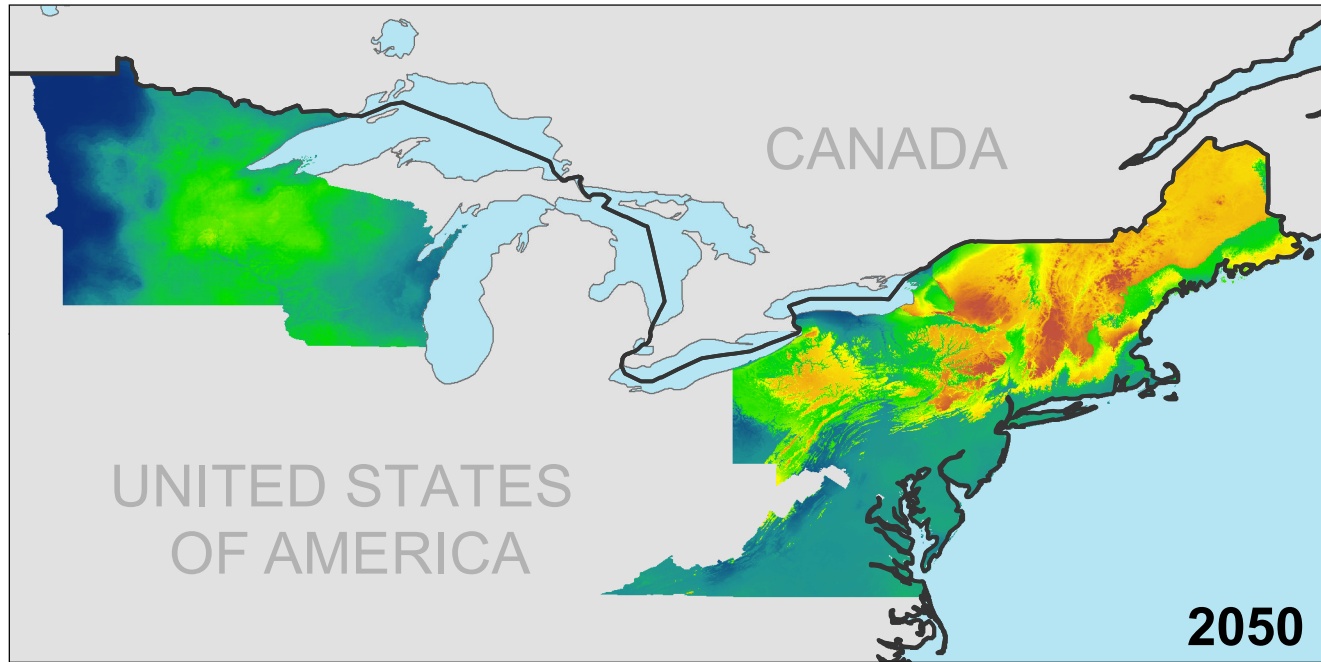
Based on present and 2050 extrapolated RCP 4.5 climatic variables which define suitable tick habitats



Present AUC Prediction Accuracy
High : 0.741
Low : 0.007

2050 AUC Prediction Accuracy
High : 0.398
Low : 0.002

Water Bodies
Countries (No Data)



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Source:
World Clim

Coordinate System:
GCS North American 1983

