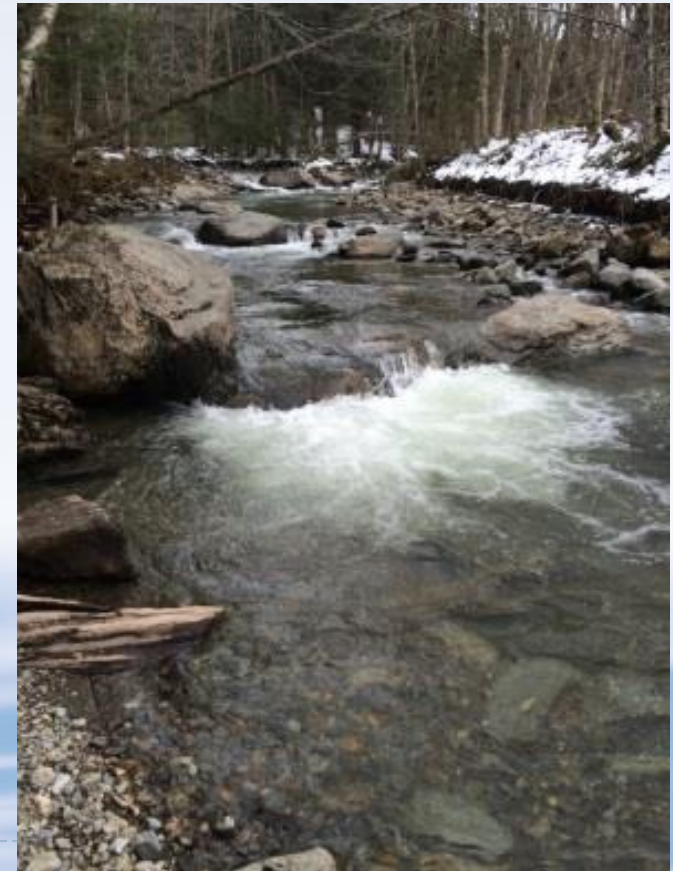


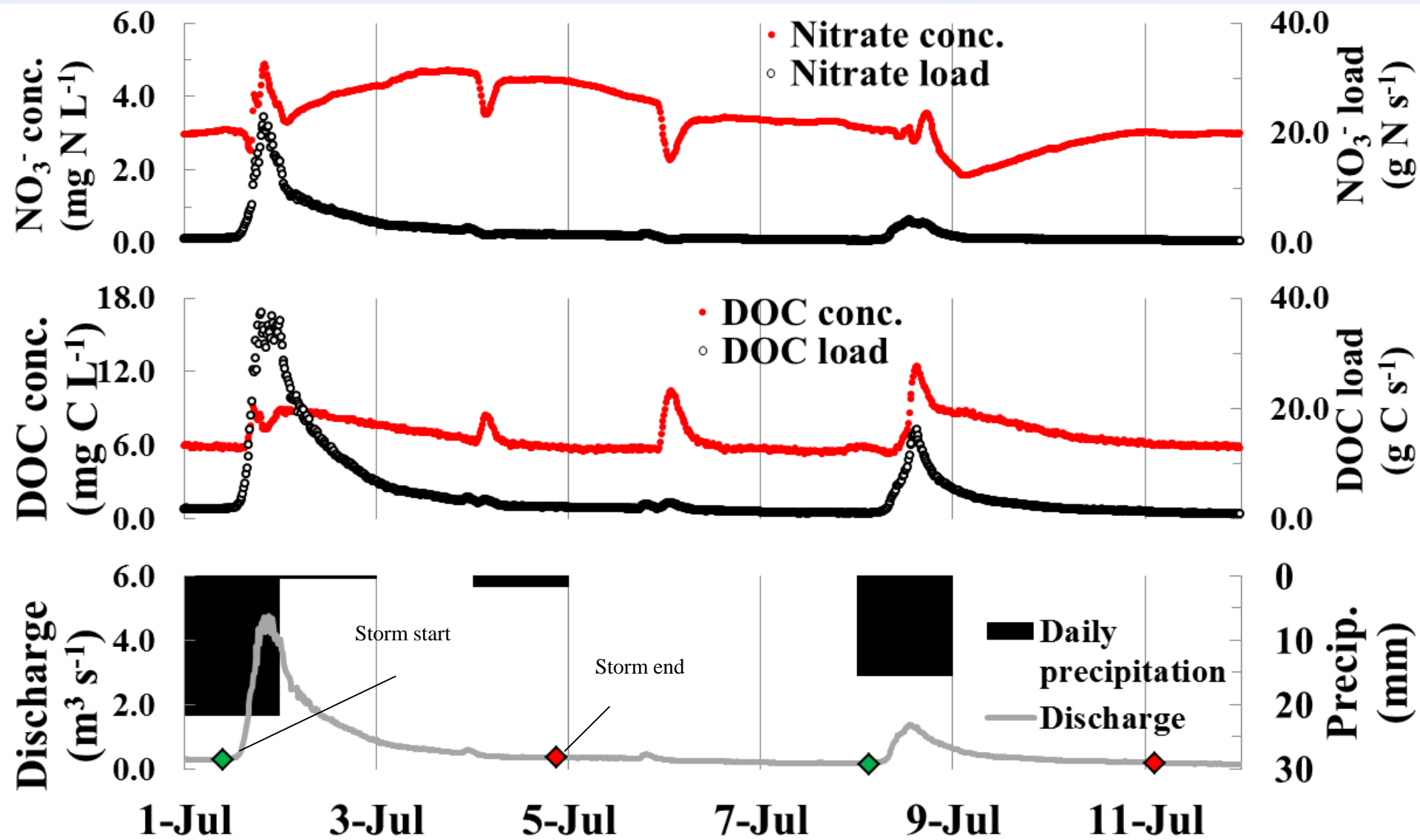


Drivers of storm export of C and N across the Northeast Water Resources Network (NEW Rnet)

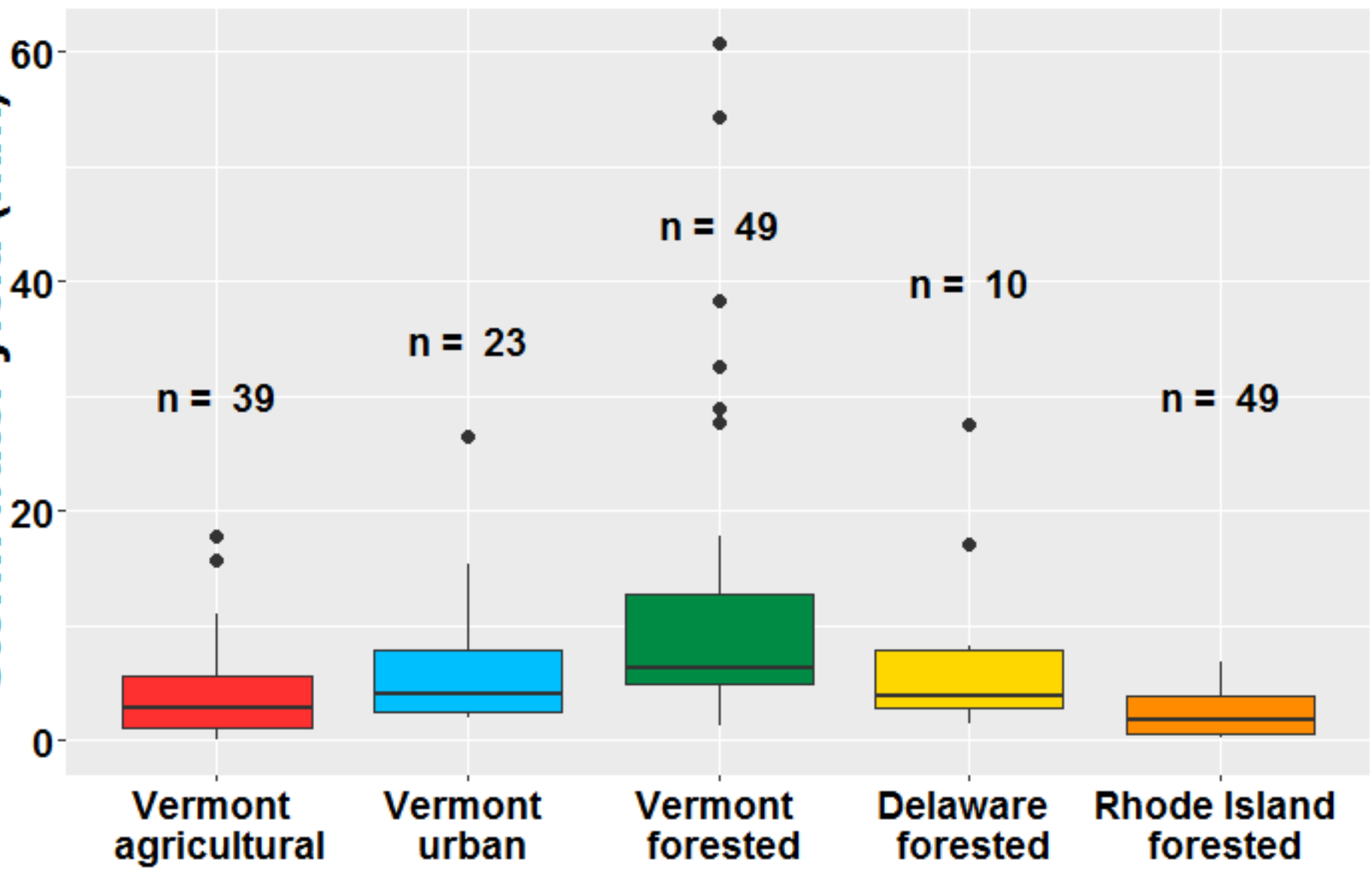


Matthew Vaughan
NEW Rnet Annual Meeting
April 15, 2016





Storm water yield (mm)



Storm DOC yield (kg C km⁻²)

- Agricultural
- Urban
- Forested

$R^2 = 0.94$

$R^2 = 0.99$

$R^2 = 0.92$

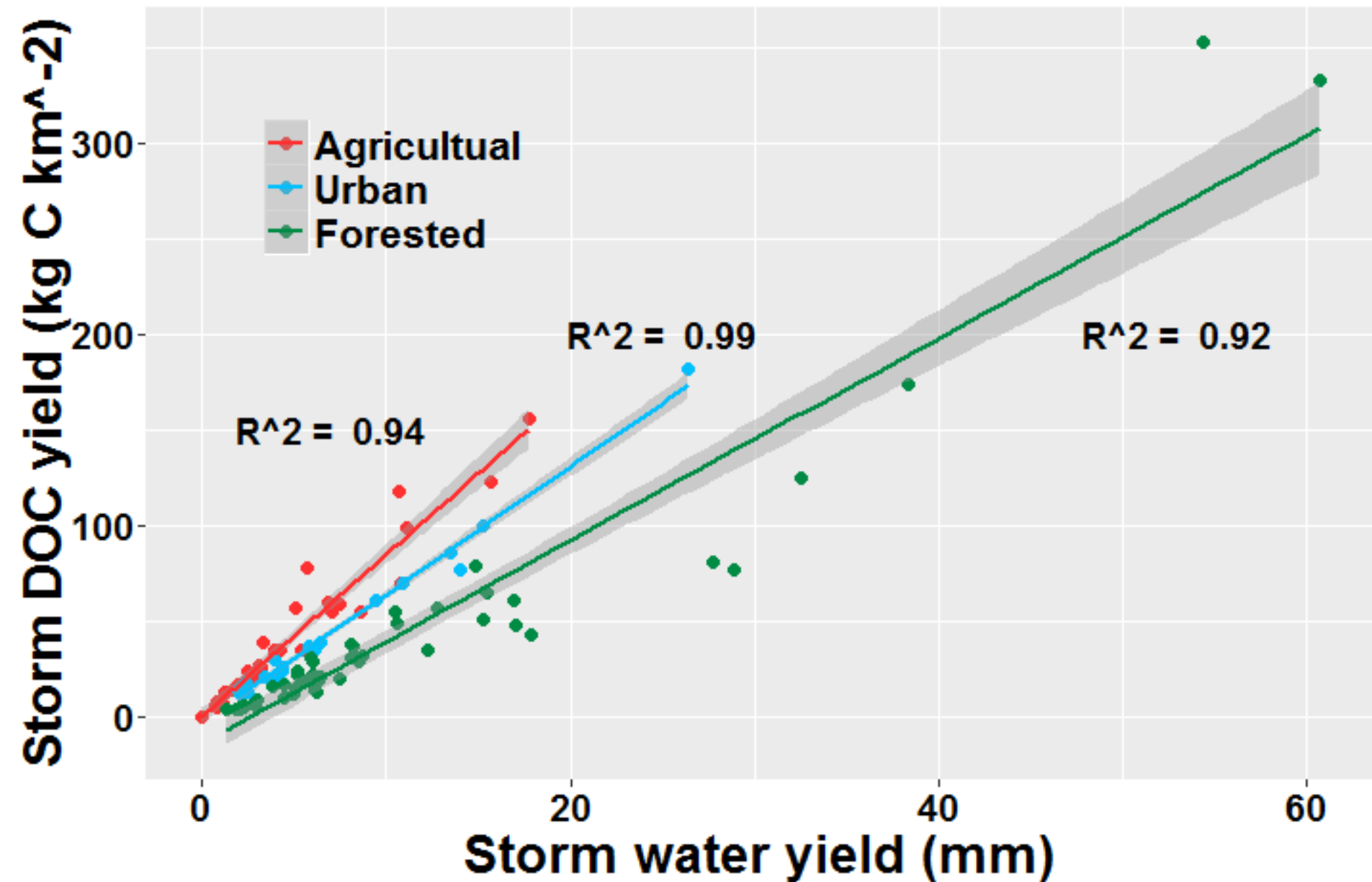
0

20

40

60

Storm water yield (mm)



Storm DOC yield (kg C km⁻²)

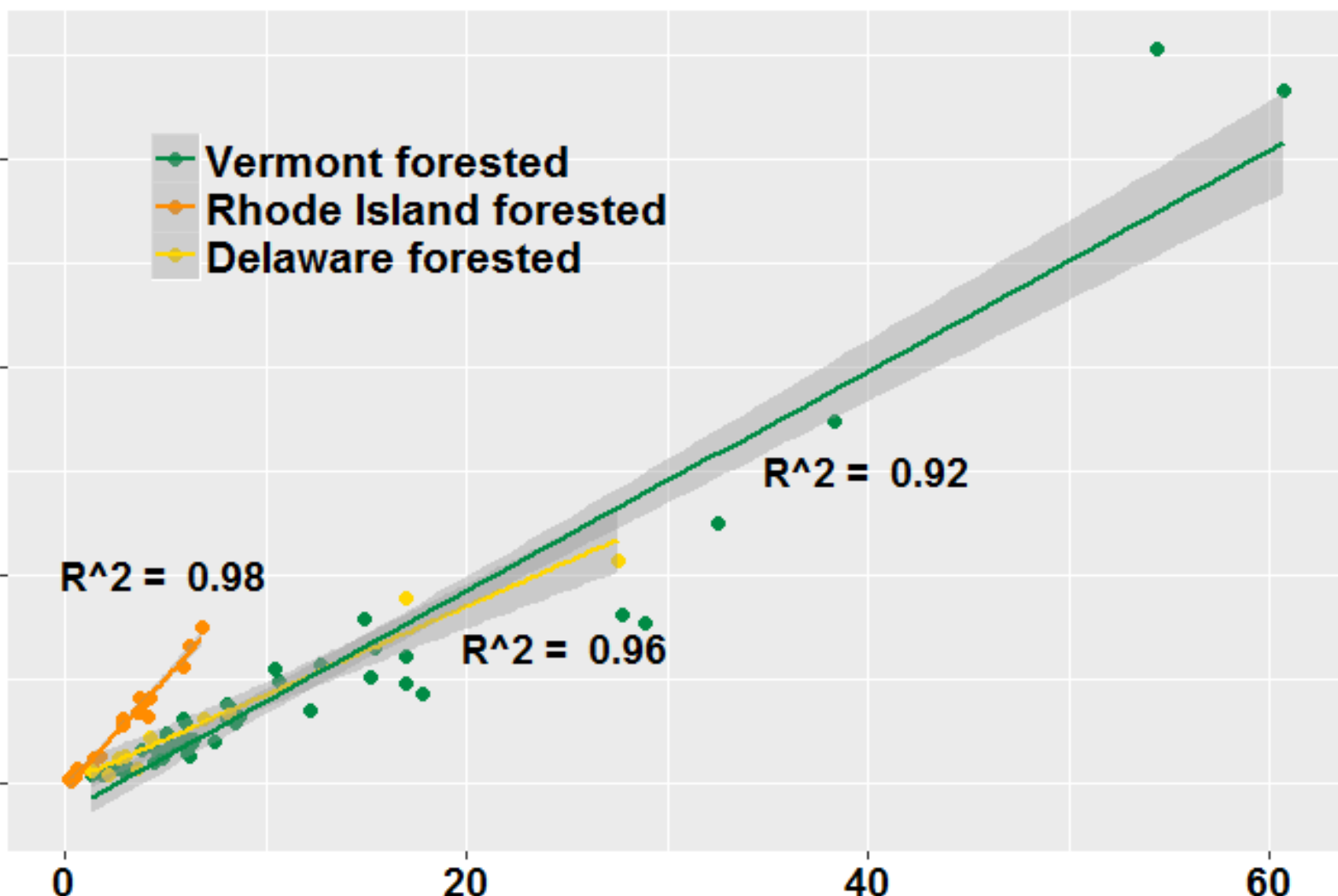
- Vermont forested
- Rhode Island forested
- Delaware forested

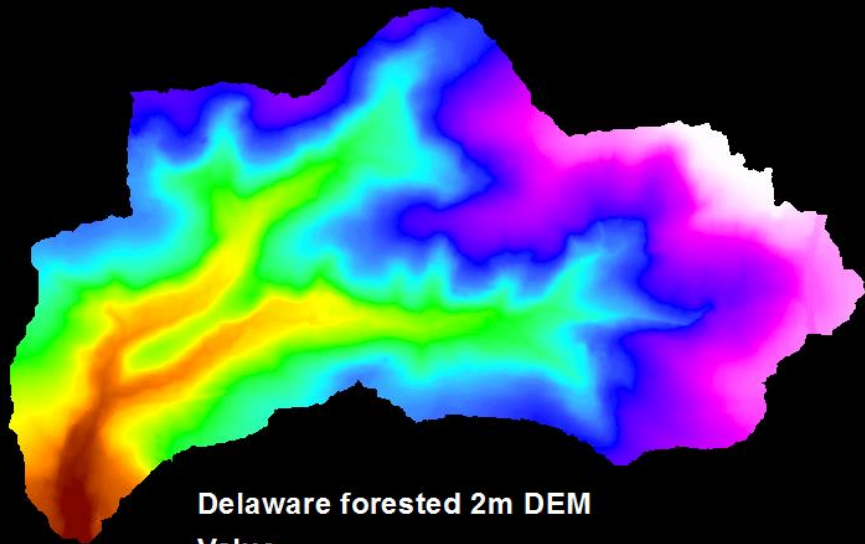
R² = 0.98

R² = 0.96

R² = 0.92

Storm water yield (mm)



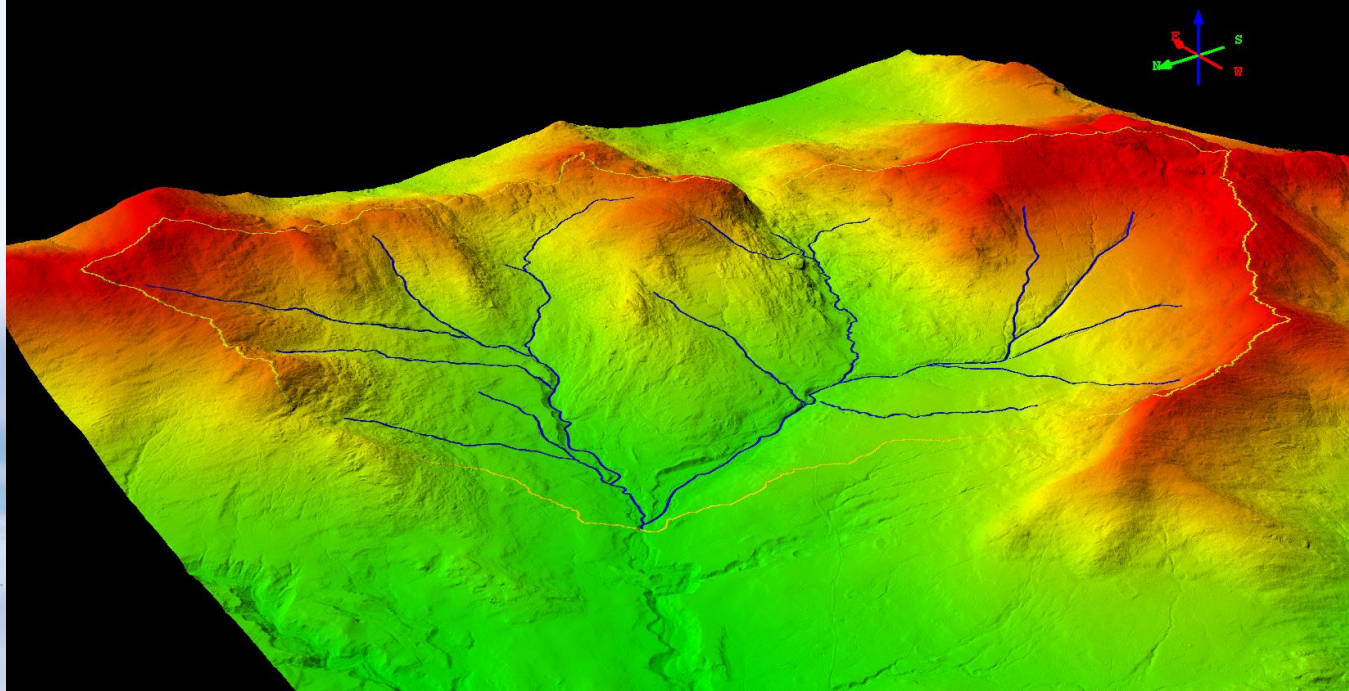
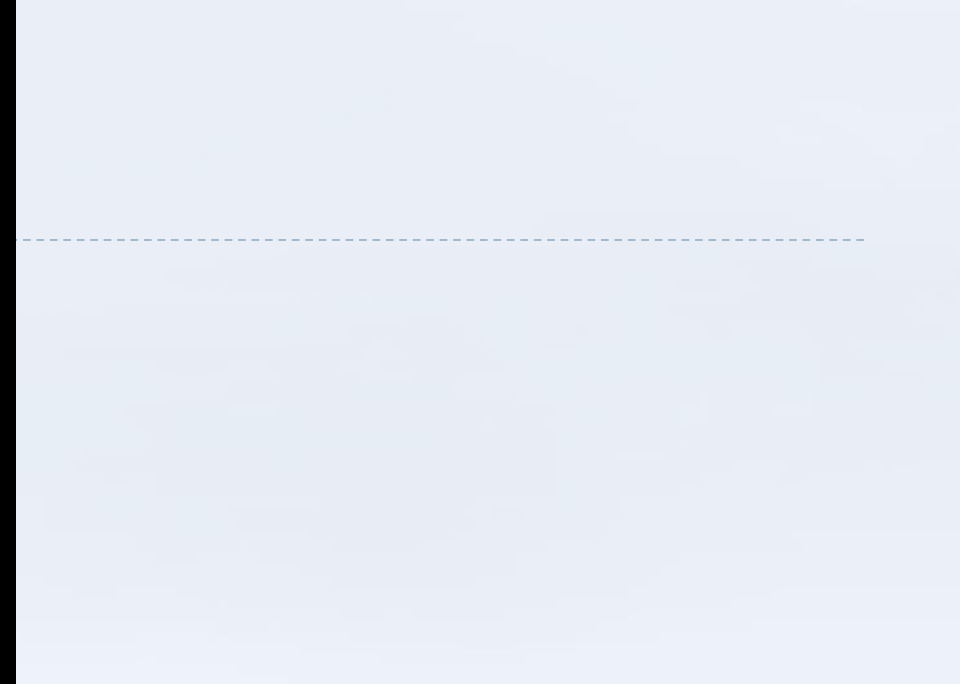


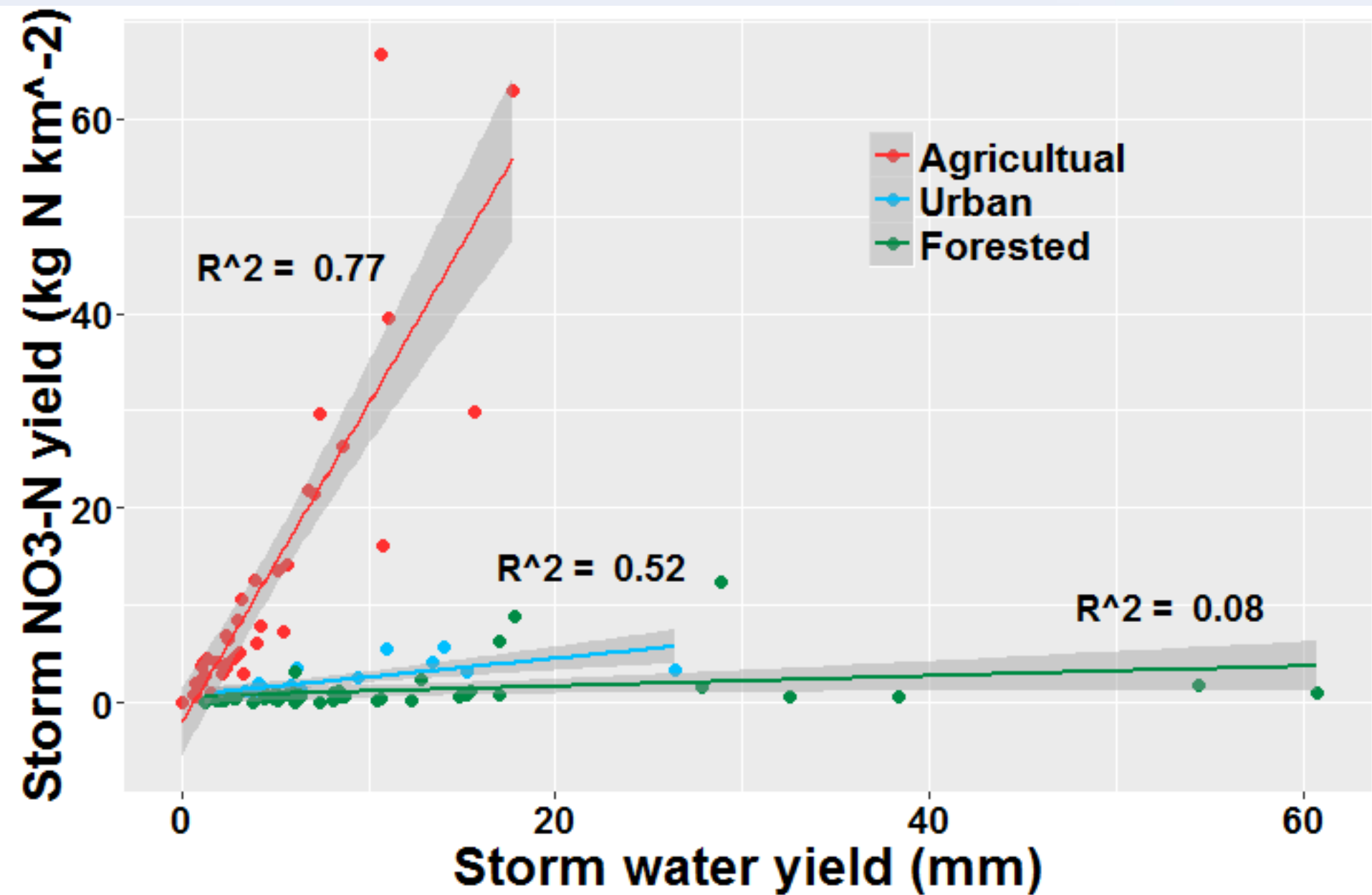
Delaware forested 2m DEM

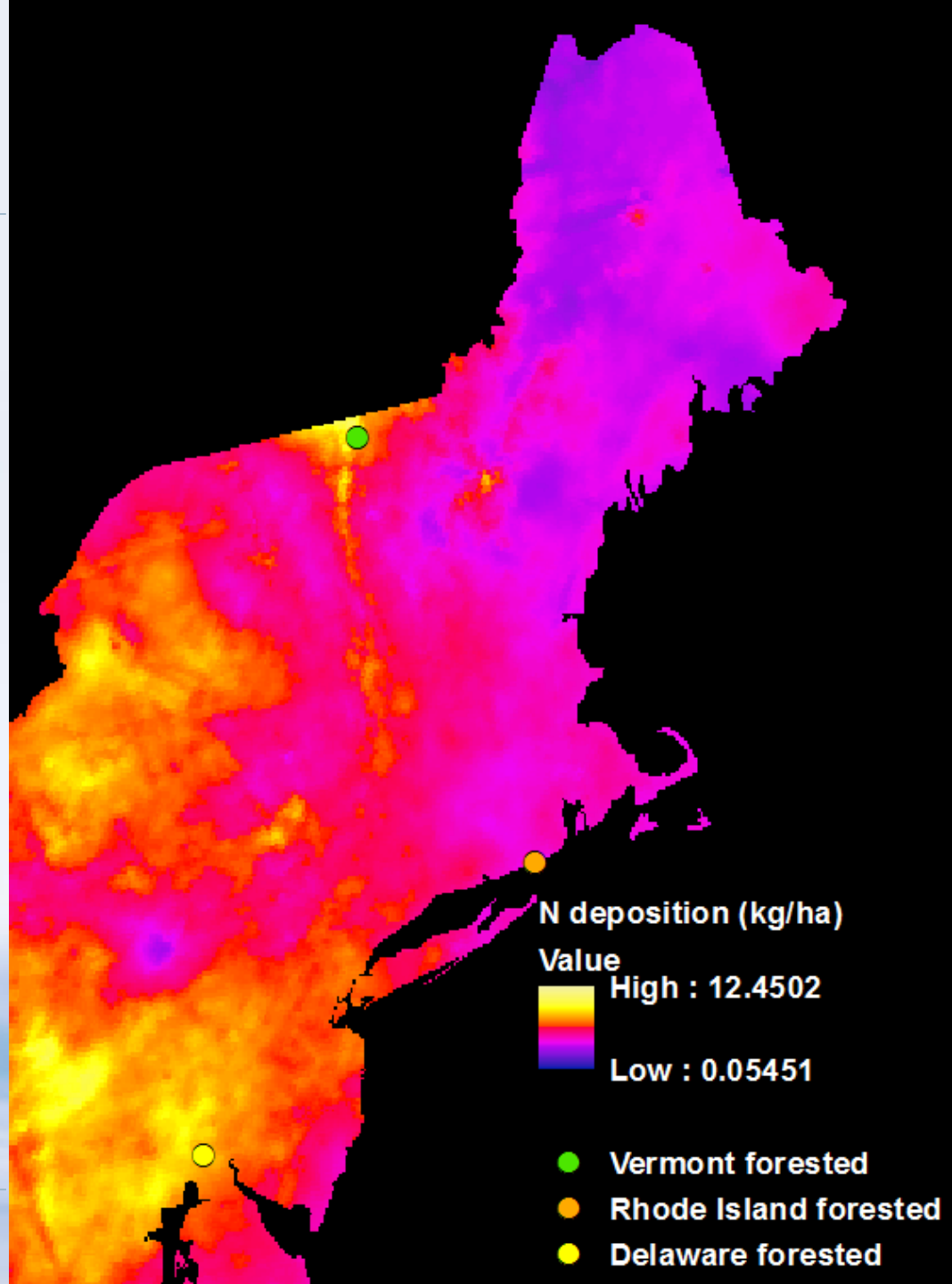
Value

High : 115.769

Low : 47.5513







Phosphorus – Agricultural site

