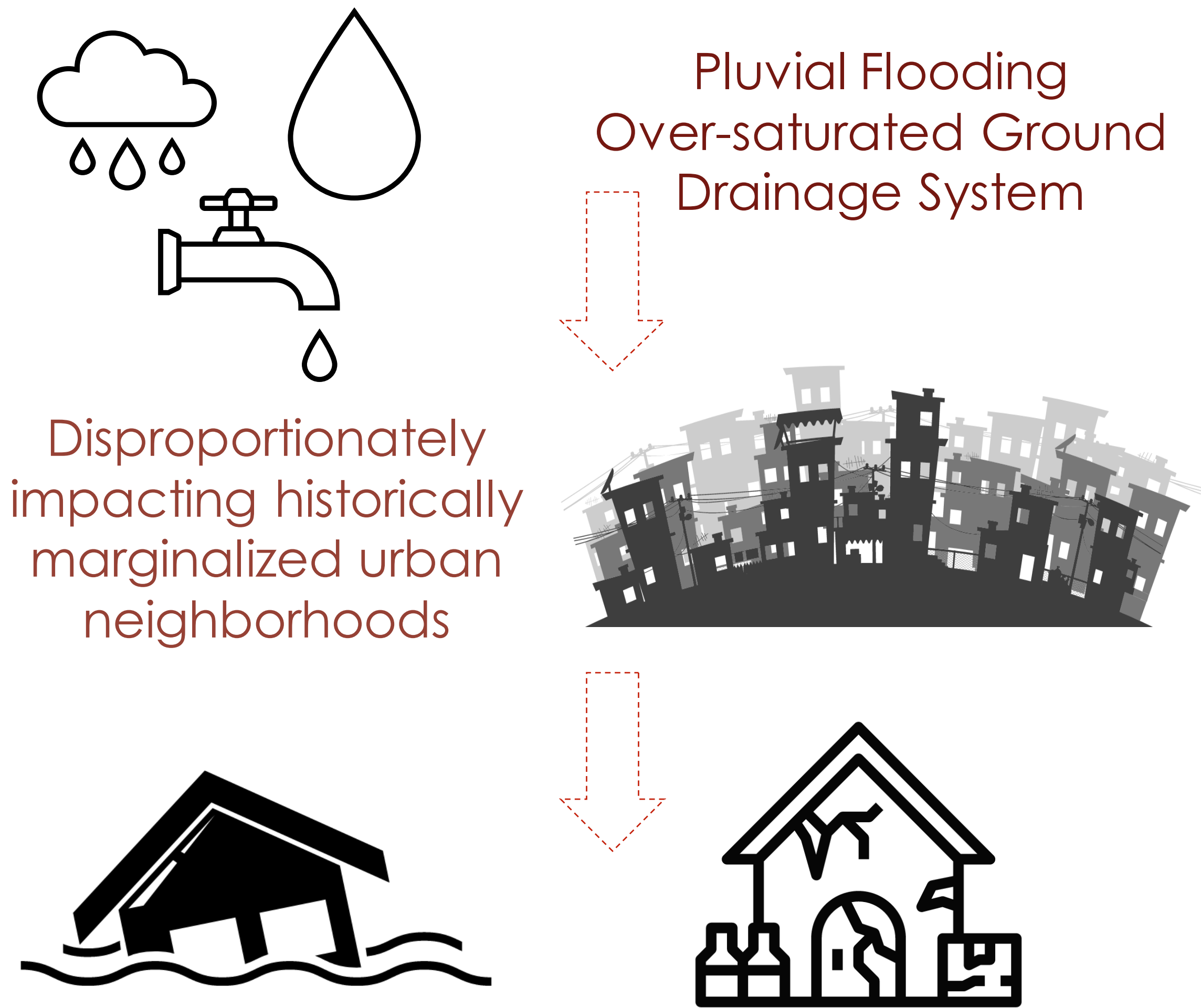
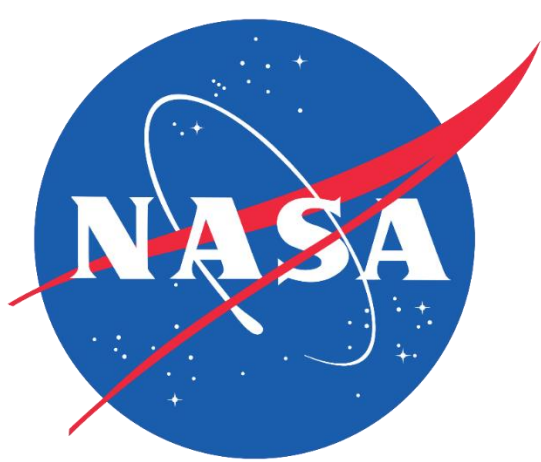




Assessing Environmental and Socioeconomic Factors of Urban Flood Vulnerability in Kansas City, Kansas



High Concentrations of Impervious Landcover
High Precipitation Rates Overflow in
Combined Sewer and Stormwater Systems

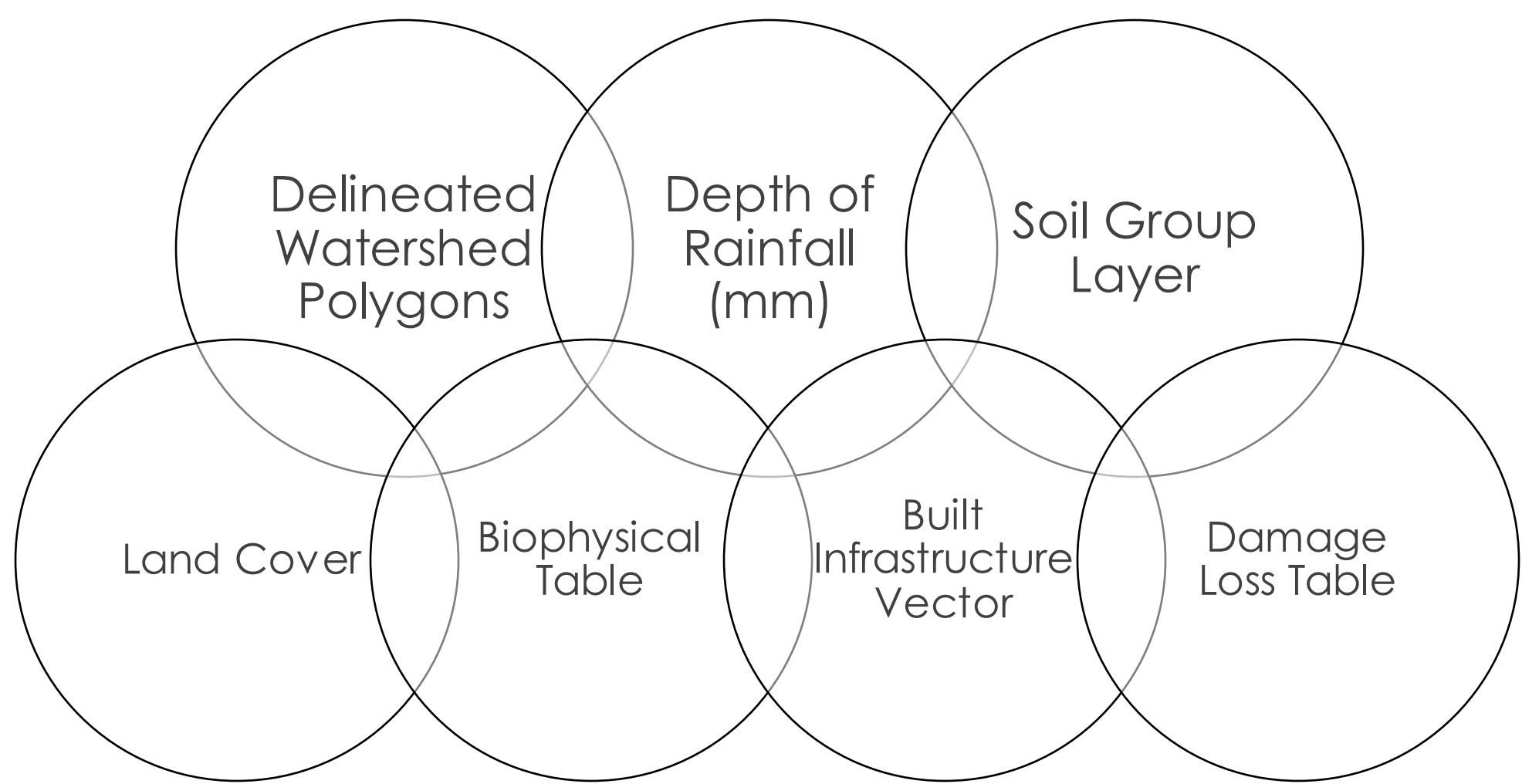
**Generate, Detect,
and Identify**

Examining precipitation
through **satellites**



National Capital Project's Integrated Valuation
of Ecosystem Services and Tradeoffs (InVEST)
Urban Flood Risk Mitigation Model

Model Input Variables



M. René Castillo
(Project Lead)



Hadwynne
Gross

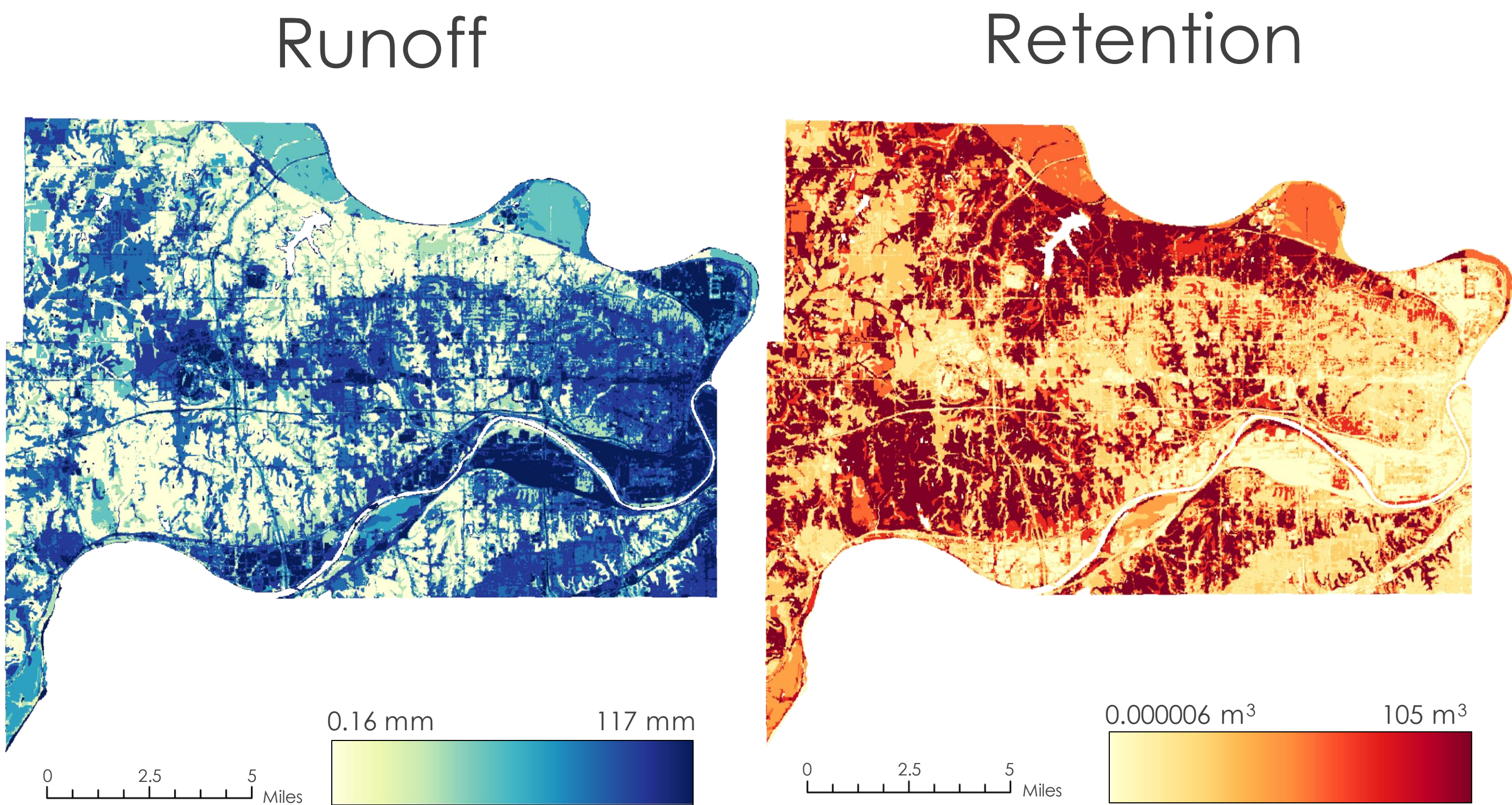


Eric
Sjöstedt

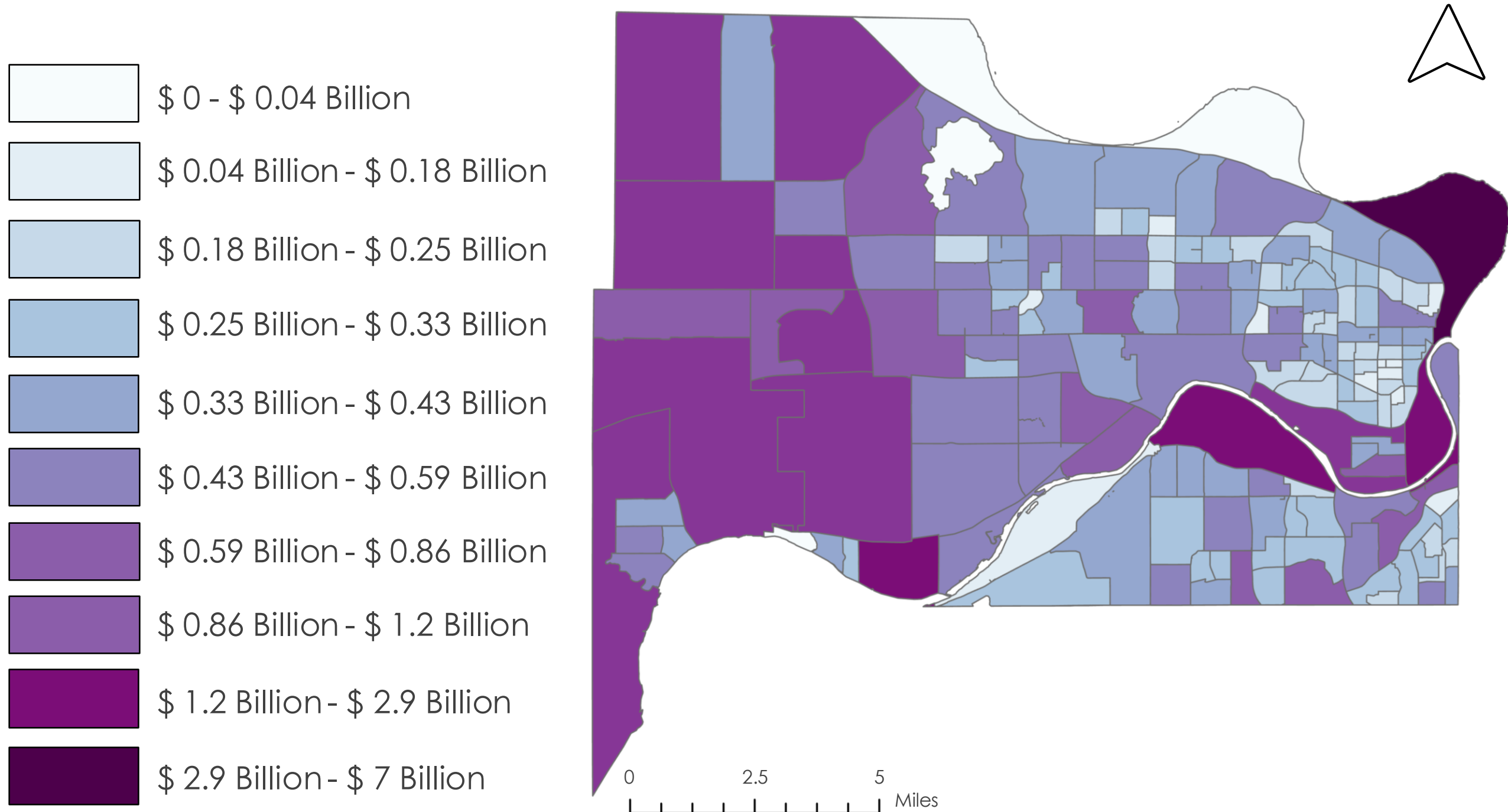


Raychell
Velez

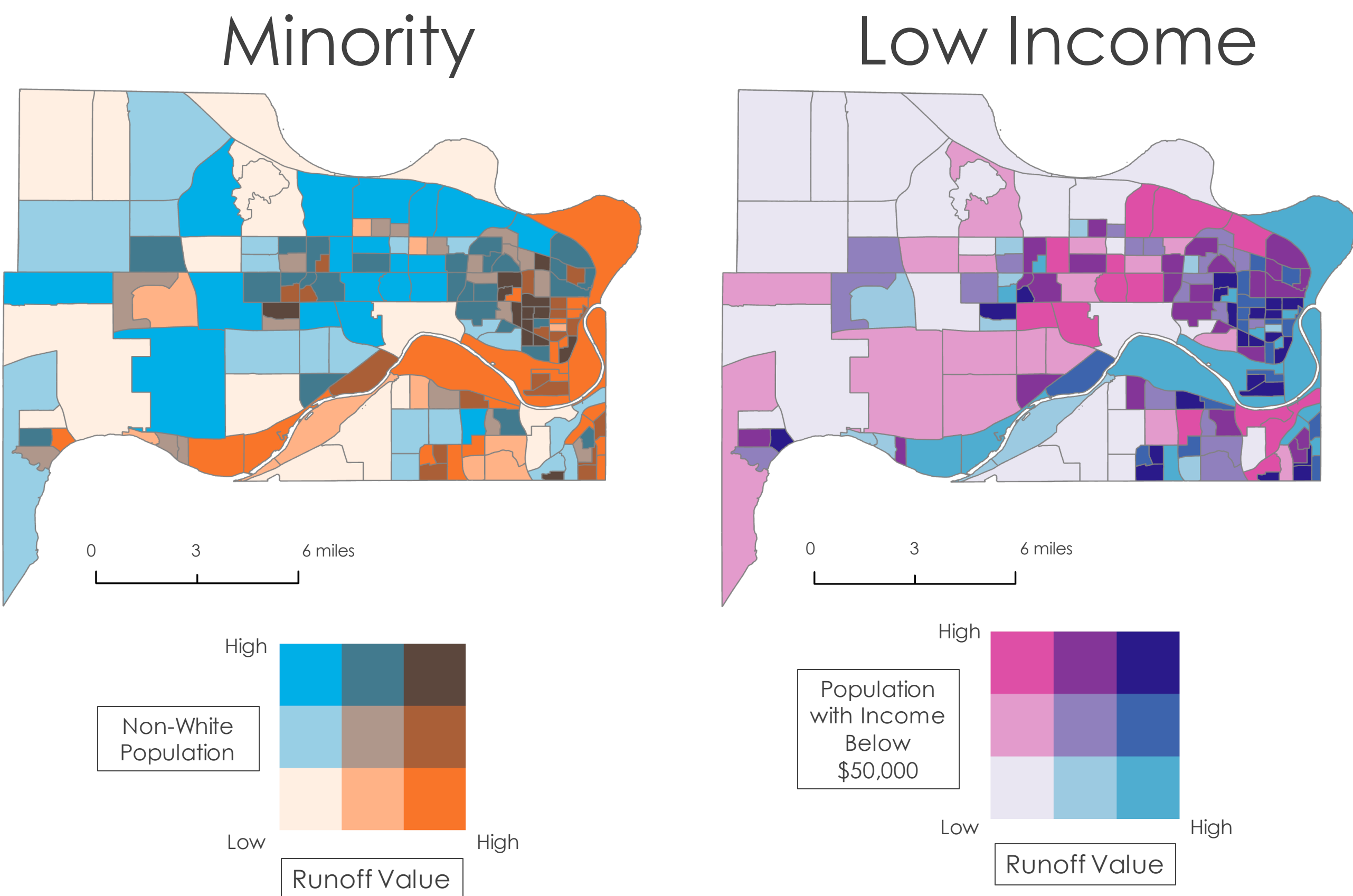
InVEST Urban Flood Risk Mitigation Model Results



Potential Economic Damage



Environmental Justice



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Kansas City Disasters