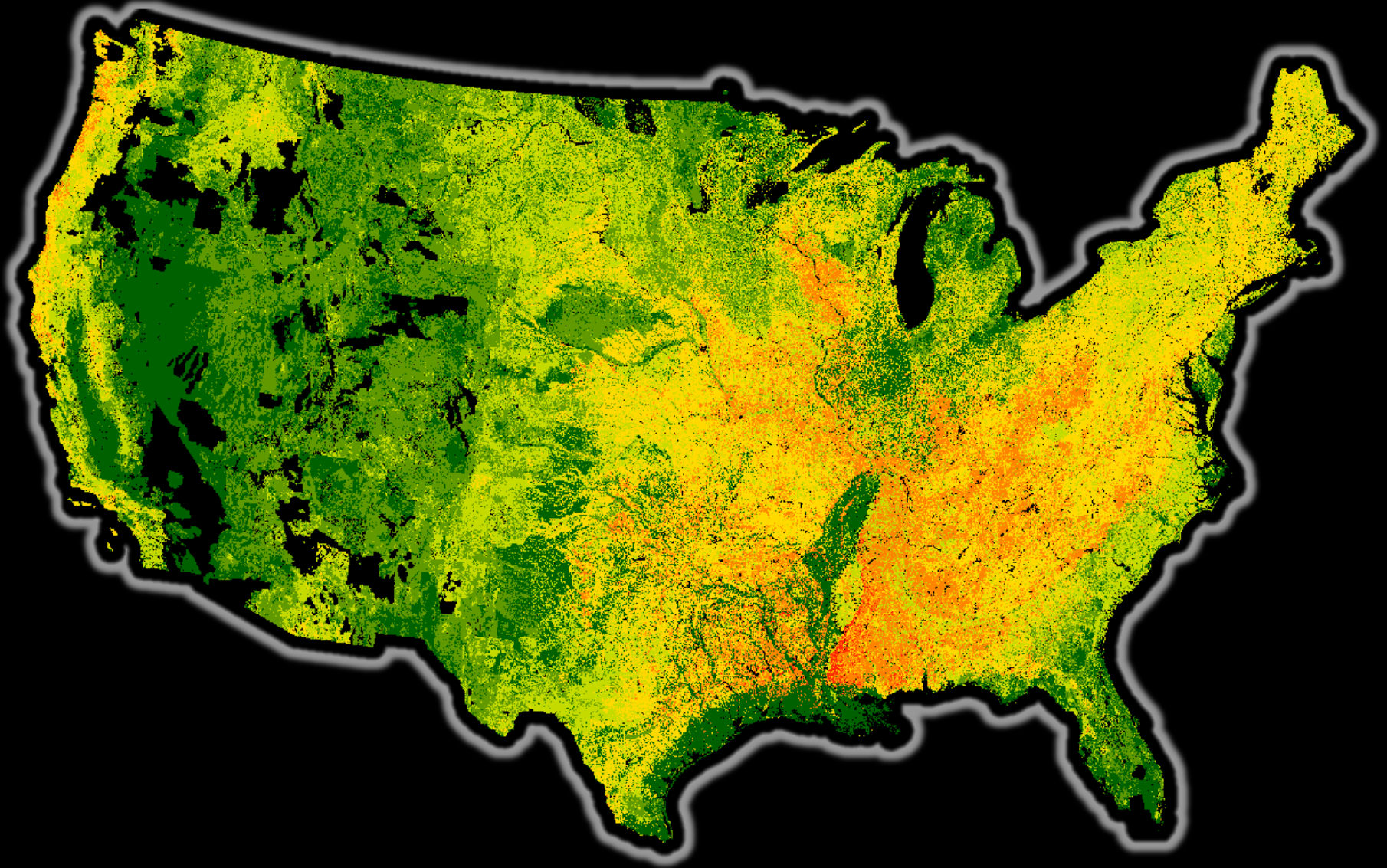


Soil Vulnerability Index for Nutrient-Runoff



Problem Statement:

Conservation Desktop (CD) and Conservation Assessment Ranking Tool (CART) would like to present "interpretation" soil maps and tabular results based upon both soils and non-soils spatial data sources. This is not feasible with the current implementation of "Soil Data Access" (SDA) Web services.

Why?

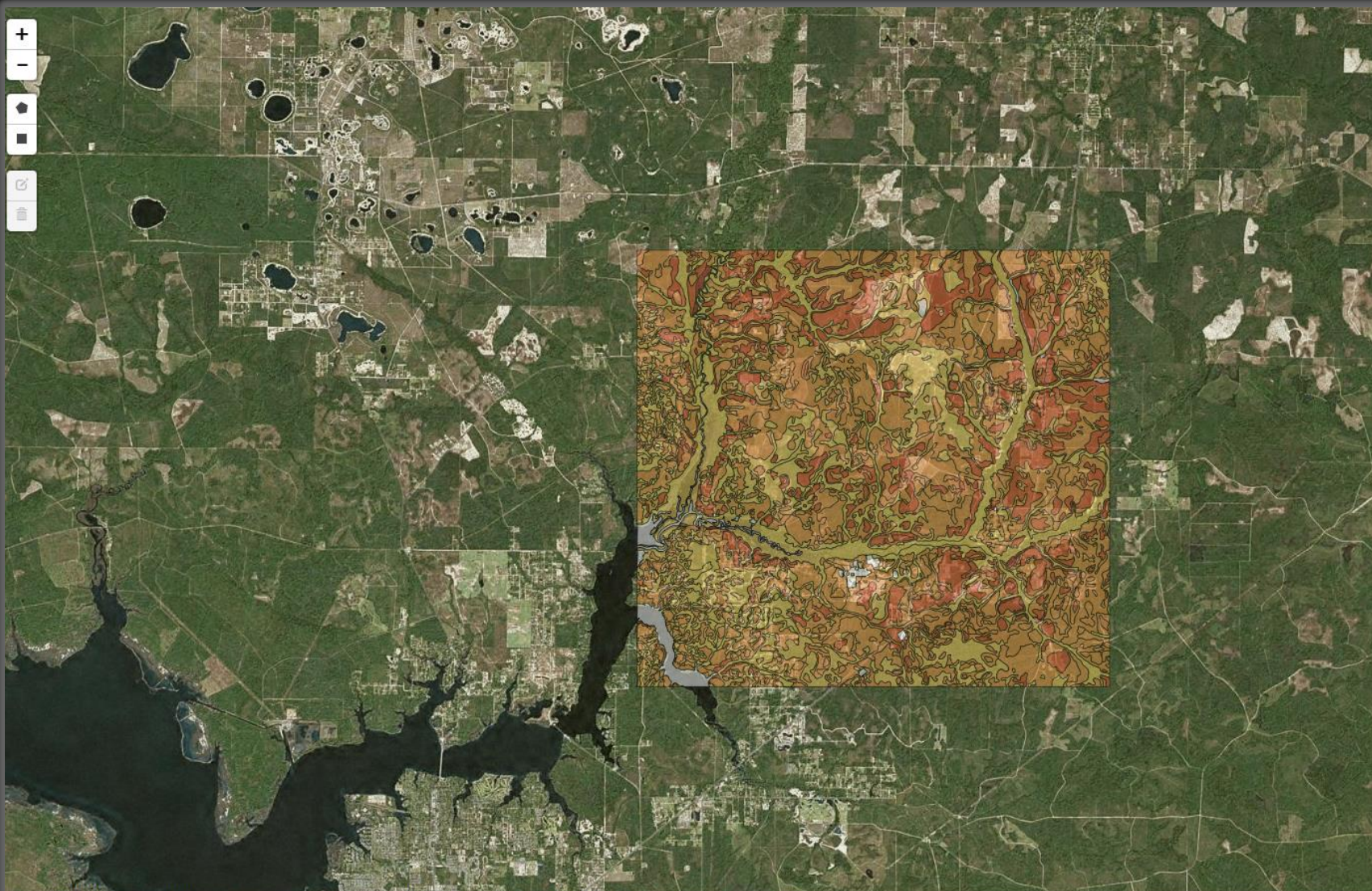


Code Fest experiment :

- Combine a new data source, accessible as a "view" within the soil data mart database, with the appropriate SQL query(ies) to yield interpretation values by soil type (i.e., "map units").
- Add additional queries to define associated colors and legends, then present the map image and tabular results in a Web page.

Success of this experiment :

Opens the door to map creation for new “interpretations” that are not immediately available as part of Web Soil Survey or Soil Data Access Web applications.



SDA WMS Sample - clicking on the map presents a popup with some mapunit data and highlights the current mupolygon.
zoom level: 12

Questions?



005 cm