

viscover: an R package

■ Installation

- * `devtools::install_github("XiaodanLyu/viscover")`

■ Functions

- * run the interactive tool: `runTool()`

- * fetch CDL data: `GetCDLFile`, `GetCDLValue`

- * CDL color mapping: `cdlpal`

■ Data

- * CDL color scheme: `cdl.dbf`

- * example CDL raster and soil polygon: `tile`, `poly`

Discussion

■ *iNtr*

- * used vigorously for 2015 NRI;
- * will ultimately replace the current in-house comparison program.

■ *viscover*

- * can be generalized to visualize and integrate different data sources in R.
 - Web Services seen in other official statistics: Normalized Difference Vegetation Index (NDVI), Vegetation Condition Index (VCI), National Land Cover Data (NLCD), etc.