Kirkwood Cohansey Cluster

Model Criteria
December 28, 2016

1	2	3	4	5		6	7			
Goal	**Goal Weights**	**Criteria**	**Criteria Weights**	**Data Interpretation to Scale 0 - 5**	**Methodology**	**Data** (Description, Date, Resolution)	**Data Source**	**Model Input Location**	**Model Details** (for complex models, include strategy description, rationale, ppt link)	**Notes**
LAYERS FOR VIEWER										
		Kirkwood Cohansey Aquifer Cluster Boundary			extracted data from viewer via map package	Map Package from Online Viewer, 2015	Delaware River Watershed Initiative (DRWI)			http://www.arcgis.com/home/item.html?id=43f21d7877d044c09a1b124c968a8563
		Kirkwood Cohansey Aquifer Cluster Focal Areas			extracted data from viewer via map package	Map Package from Online Viewer, 2016	Delaware River Watershed Initiative (DRWI) Stream Reach Assessment Tool (SRAT)			http://www.arcgis.com/home/item.html?id=43f21d7877d044c09a1b124c968a8563
		Stream Reach Assessment Results w/in KC Boundary				2016	Delaware River Watershed Initiative (DRWI) Stream Reach Assessment Tool (SRAT)			https://www.arcgis.com/home/item.html?id=260d7e17039d48a6beee0f0b640eb754 APCAW: https://www.dropbox.com/s/ocuj0iceaov9i7e/APCAW_10_20_16.shp.zip?dl=0 Local Catchments (Pollutant yields by catchment): https://www.dropbox.com/s/nywplch5gvtpr9v/final_lateralshed_pasda_11_4_16.shp.zip?dl=0 Total Catchments (Pollutant in stream concentrations):https://www.dropbox.com/s/5x4uvuwsa21cbz/final_watershed_pasda_11_3_16.zip?dl=0 Point Sources: https://www.dropbox.com/s/e6hhp78la0oum37/pointsources_10_28_16.shp.zip?dl=0
		FEMA Flood Areas				FEMA Flood Hazard Layer	FEMA: https://msc.fema.gov/portal			
		Water Withdrawal and Recharge								Pinelands Preservation Alliance (for pinelands region)
		Septic Sewer Service Areas			wastewater (sewer) areas were erased from the study area to get the septic service area	Wastewater Service Areas, 2006	NJ Office of GIS Open Data			http://njogis.newjersey.opendata.arcgis.com/datasets/2ceba1ef852b4940afc3e0d94fb5d327_6
		Agricultural Lands Data			extracted ag categories from LULC	NJ LULC, 2012, vector	NJ DEP: http://www.nj.gov/dep/gis/lulc12c.html			LULC data?
		Preserved Lands			combined PADUS, NCED, state open space and county open space. Removed duplicates as must as possible.		NJ Office of GIS Open Data; PADUS; NCED			http://www.nj.gov/dep/gis/newdata.html
		Preserved Farms					http://www.nj.gov/agriculture/sadc/farmpreserve/resources/			https://www.njmap2.com/blueprint/agriculture/ http://www.nj.gov/agriculture/sadc/farmpreserve/resources/
		Impervious Cover			extracted all polygons with impervious value >0	NJ LULC, 2012, vector	NJ DEP: http://www.nj.gov/dep/gis/lulc12c.html			attribute of LULC data?
		KC Cluster Partner Project Locations								Academy of Natural Science and KC Partners
		HUC 14								http://www.nj.gov/dep/gis/listall.html
		HUC 12								http://www.nj.gov/dep/gis/listall.html
		HUC 11								http://www.nj.gov/dep/gis/listall.html
		Landuse Landcover Data								http://www.nj.gov/dep/gis/listall.html
		Municipal Boundary				NJ DEP				
		County Boundaries								
use base map in viewer		Major Roads								
		Completed project locations								Cluster members or OSI/ANS
		Current project locations								Cluster members or OSI/ANS
		Bob Kecskes report of highest agricultural water users for water								
		pH, specific conductance, TSS, nutrients, macroinvertebrates								DEP
		Steam levels and water table levels								DEP
		Active River Areas			currently all areas are reclassified to 5, but need to seek advice on the best way to use this data	TNC	https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/freshwater/floodplains/Pages/default.aspx			
		Ownership parcels								
		Wetlands								
		Hydric Soils								
		NCED								