Projects

Tentative final presentation arrangement:

There will be 5 presentations on June 7th and 5 on June 12th.

Each student has 10 minutes for the presentation and 10 minutes for add-in demonstration and Q&A.

Date	Student	Project Title	Project Description (pdf)	Final report (ppt)	Source Code (zip)	esriAddin file
June 7	Alex Steinberger	ODOT Taxlot Fetcher	This add-in uses user-specified input to select RLIS taxlots and returns a static map image as well as a spreadsheet showing taxlot ownership information ([pdf](#))			
June 7	Carly Vendegna and Matthew Curry	Film Attribute Query (FAQ) Program	This program will query film permit data based on a polygon shapefile attribute's, for the Portland Development Commission (PDC) which will create a selection and then create maps based on selection ([pdf](#))			
June 7	Dan Hubner	L5T (Landsat 5 to Temperature)	This program automatically generates a raster of surface temperature from any input Landsat 5 thermal band image. This add-in incorporates functionality from an ERDAS model into ArcMap.			
June 7	Masoud Momeni	Mineralogy Index Tool	The add-in calculates indices used in mineralogy and soil science from Landsat TM/ETM+ images ([pdf](#))			
June 12	Kristine Weber	Error Matrix Report for Classified Polygon Coverages	This add-in would allow the analyst to test the accuracy of their classification – supervised or unsupervised – for a polygon shapefile ([pdf](#))			
June 12	Taylor Gibson	Sensitivity Analysis Tool for Multi-Objective Programming (SATMOP)	The tool will perform sensitivity analysis to see how different weighting schemes affect the performance of multi-objective programming using bike shop location model as an example ([pdf](#))			
June 12	Michael Byrnes	Custom Cartographic Line Toolbar	Sets the symbology for a Line layer from buttons on a toolbar			

June 12	Meara Butler	Locate Closest Facilities with Desired Attribute	Locates farms/farm stands that produce specific agricultural products within the shortest distance of your location ([pdf](#))			
June 12	Lauren Woodruff	CURE Tour: CUltural REsource Tour Routes	CURE Tour will allow you to select a number of Cultural Resources, either by keyword or era, and produce an efficient route to tour said resources ([pdf](#))			