

PROVIDED DATA

- Palletized Raster with Attribute Table, showing distribution of 800+ Ecosystem Types in CONUS
- HexGrid
 - Create list of ecosystem types to be analyzed by Marxan process
 - Define current KBA area thresholds under A2 and B4
 - Create list of alternative KBA threshold levels to be tested (1.0, 0.75, 0.50, 0.25)

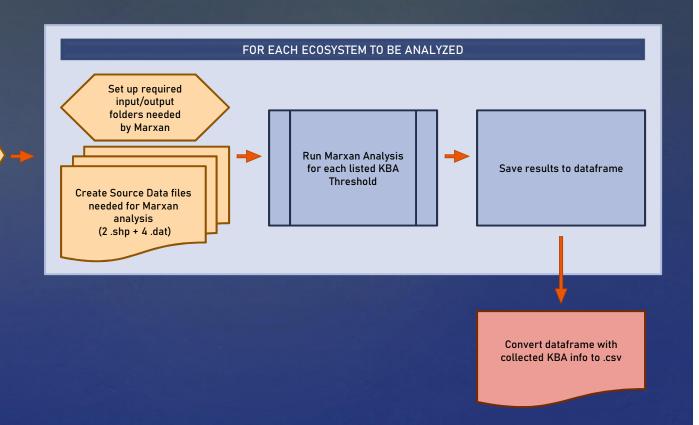
INPUT

PREPARATION

PROCESS

OUTPUT

WORKFLOW for KBA THRESHOLD ANALYSIS



PROVIDED DATA WORKFLOW for KBA THRESHOLD ANALYSIS Palletized Raster with Attribute Table, showing distribution of 800+ Ecosystem Types in CONUS HexGrid Using ArcGis/QGIS PYTHON WORKFLOW FOR EACH ECOSYSTEM TO BE ANALYZED For each ecosystem to be analyzed, create the data files needed for Marxan analysis 1. Create list of ecosystem (2 .shp + 4 .dat) types to be analyzed Set up required 2.Define current KBA area input/output folders thresholds (CR or EN=5%, Run Marxan needed by Marxan, Analysis for each Save results to VU = 10%) placing the created listed KBA dataframe 3.Create list of alternative input files into the Threshold KBA threshold levels to be appropriate input 2. Create Marxan input 1. Create Planning Unit folder tested (1.0, 0.75, 0.50, 0.25) files using either the .shp files using Lana's ArcMarxanToolbox or method (CAN THIS BE QMarxanToolbox plugin RECREATED IN QGIS?) Convert dataframe with **INPUT** collected KBA info to .csv ArcGIS/QGIS **PREPARATION PYTHON PROCESS** OUTPUT