

# Delineate HRUs

## Title ACRU-HRU Delineation Tool

### Summary

This tool will delineate hydrological response units (HRU) within a watershed using five raster layers with a specific unique identifier in the following format: 123456789.

- 1 denotes first layer with 1 digit
- 234 denotes second layer with 3 digits
- 56 denotes third layer with 2 digits
- 78 denotes fourth layer with 2 digits
- 9 denotes fifth layer with 1 digit

This tool will convert the delineated HRU raster layer into a shapefile. The tool will also calculate the area for each HRU record.

### Usage

There is no usage for this tool.

### Syntax

DelineateHRU (Watershed, 10K\_Grid, Elevation, Land\_Cover, Radiation, Directory, HRU\_Name)

Parameter	Explanation	Data Type
Watershed	<b>Dialog Reference</b>  Raster layer with reclassified values.  There is no python reference for this parameter.	Raster Layer
10K_Grid	<b>Dialog Reference</b>  Raster layer with reclassified values.  There is no python reference for this parameter.	Raster Layer
Elevation	<b>Dialog Reference</b>  Raster layer with reclassified values.  There is no python reference for this parameter.	Raster Layer
Land_Cover	<b>Dialog Reference</b>  Raster layer with reclassified values.  There is no python reference for this parameter.	Raster Layer
Radiation	<b>Dialog Reference</b>  Raster layer with reclassified values.	Raster Layer

There is no python reference for this parameter.

Directory

### **Dialog Reference**

Folder

Locatoin of the output directory.

There is no python reference for this parameter.

HRU\_Name

There is no explanation for this parameter.

String

## **Code Samples**

There are no code samples for this tool.

## **Tags**

There are no tags for this item.

## **Credits**

There are no credits for this item.

## **Use limitations**

There are no access and use limitations for this item.