SICCM Process: Scarp Identification (SI) Fully Automated and Semi-Automated Modes*

(A) SETUP

1. Tool # 1 Create Inventory Mapping Project
2. Tool # 2 Prepare Visualization Layers

(B) BASE DATA PROCESSING

1. Tool # 3 Find Cell Size for Mapping
2. Tool # 4 Create Mixture Raster

(C) DETERMINE SCARP CANDIDATE POLYGONS

1. Tool # 5 Create Scarp Polygon Candidates

(D) IDENTIFY NON SCARP FEATURES (OPTIONAL)

1. Tool # 6 Digitize Stream Channels (optional)
2. Tool # 7 Create Rock Score Raster (optional)
3. Tool # 8 Identify Rocks from Rock Score Raster

(E) IDENTIFY SCARP POLYGONS FROM CANDIDATES

1. Tool # 9 Eliminate Non Scarp Topography

(F) CREATE SCARP LINES

1. Tool # 10 Create Scarp Lines from Scarp Polygons

(G) PREPARE SCARP LINES AND RUN CCM

1. Tool # 11 Create CCM Package
2. Tool # 12 Run CCM

---

Running Tools 1 & 2 are essential to the success of the model.

Optional modifications are stopping points where the modeler may review the entire study area and make minor changes to numerical thresholds or the size of objects being mapped before moving to the next process.

Optional modifications are stopping points where the modeler may review the entire study area and make minor changes to numerical thresholds or the size of objects being mapped before moving to the next process.

The Manual mode of Scarp Identification is not shown here; Manual mode scarps feed directly into CCM at Tool 11.*